

Wissensbilanz 2024 - Bibliographischer Nachweis

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103 Physik, Astronomie

Büechi, P. E., Fischer, M., Crocetti, L., Trnka, M., Grlj, A., Zappa, L., & Dorigo, W. A. (2024, April 3). Forecasting crop yield losses using satellite data and machine learning [Poster Presentation]. 24.

Österreichischer Klimatag (2024, Wien, AT), TU Wien, Austria. [http://](http://hdl.handle.net/20.500.12708/197027)

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102 Informatik

105 Geowissenschaften

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Stradiotti, P., Zotta, R.-M., Preimesberger, W., & Dorigo, W. A. (2024, April 3). Microwave Remote Sensing for Monitoring Drought and Vegetation [Poster Presentation]. 24. Österreichischer Klimatag (2024, Wien), Wien, Austria.

[Link](#)

102 Informatik

105 Geowissenschaften

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Mikolka-Flöry, S., Ressler, C., & Schimpl, L. (2024, April 3). Historische terrestrische Fotos für die flächenhafte Dokumentation alpiner Landschaften um 1900 [Poster Presentation]. 24. Österreichischer Klimatag (2024, Wien), Wien, Austria.

[Link](#)

102 Informatik

105 Geowissenschaften

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Himmelbauer, I., Aberer, D., Gruber, A., Dorigo, W. A., Crapolicchio, R., Sabia, R., Dietrich, S., Zink, M., Olarinoye, T., Böhmer, F., Korres, W., & Kramer, K. (2024, April 3). The International Soil Moisture Network (ISMN): an introduction to data production for climate change sciences [Poster Presentation]. 24. Österreichischer Klimatag (2024, Wien), Wien, Austria. <http://hdl.handle.net/20.500.12708/197030>

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102 Informatik

105 Geowissenschaften

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Vreugdenhil, M., Greimeister-Pfeil, I., Preimesberger, W., Camici, S., Enenkel, M., Brocca, L., & Wagner, W. (2024, April 3). Satellite soil moisture for drought risk insurance [Poster Presentation]. 24. Österreichischer Klimatag (2024, Wien), Wien, Austria. <http://hdl.handle.net/20.500.12708/197031>

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102 Informatik

105 Geowissenschaften

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Altmann, M., Himmelstoß, T., Ramskogler, K., Mikolka-Flöry, S., Pfeifer, N., Tasser, E., Haas, F., Heckmann, T., Rom, J., & Becht, M. (2024, April 3). Quantitative Analyse klimawandelbedingter Landschaftsveränderungen hochalpiner Geosysteme seit 1890 [Poster Presentation]. 24. Österreichischer Klimatag (2024, Wien), Wien, Austria. <http://hdl.handle.net/20.500.12708/197032>

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102 Informatik

105 Geowissenschaften

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Zischka, F., Kaser, V., Whitmore, K., Kainradl, R., Krenn, H. W., Gaal-Haszler, S., & Gebeshuber, I.-C. (2024, February 11). Butterfly Wing Scales as Inspiration for Multifunctional Building Surfaces [Poster Presentation]. 13th Virtual Nanotechnology Poster Conference Nanoposter 2024, Austria. <http://hdl.handle.net/20.500.12708/197153>

[Link](#)

103 Physik, Astronomie

Zimmerl, M., Kaltenböck, P., Whitmore, K., & Gebeshuber, I.-C. (2024, March 31). Biomimetics of nanostructure-based passive radiative cooling properties of Silver Ants [Poster Presentation]. 13th Virtual Nanotechnology Poster Conference Nanoposter 2024, Austria. <http://hdl.handle.net/20.500.12708/197105>

[Link](#)

103 Physik, Astronomie

Barutel, C. M. A. (2024, February 5). A generic theory for filament interaction in the cytoskeleton [Poster Presentation]. Workshop Active Polymers and Filaments - Organization and Dynamics, Leiden, Netherlands (the).

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103 Physik, Astronomie

Serna Loaiza, S., Schipfer, F., Friedl, A., Mihalyi-Schneider, B., Wukovits, W., & Harasek, M. (2024, April 18). Concept for a net-zero wheat straw product-driven biorefinery [Poster Presentation]. WIRE's MC Meeting & 5th Working Groups Workshop, Istanbul, Turkey.

[Link](#)

204 Chemische Verfahrenstechnik

Feischl, M., & Huber, A. (2024, March 18). Optimal convergence of adaptive time stepping for Stokes equations [Poster Presentation]. SFB Workshop "CRC1173," Germany. <http://hdl.handle.net/20.500.12708/199536>

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101 Mathematik

Gök, B., Hartl, B., Dworak, S., Schwarzböck, T., & Allesch, A. (2024, April 24). Abfalltrennverhalten im öffentlichen und privaten Raum [Poster Presentation]. Österreichische Abfallwirtschaftstagung 2024, Wien, Austria. <http://hdl.handle.net/20.500.12708/197546>

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201 Bauwesen

207 Umweltingenieurwesen, Angewandte Geowissenschaften

501 Psychologie

Fellinger, M. (2024, May 14). Laboratory studies on sputtering of structured tungsten model surfaces [Poster Presentation]. International Conference on Plasma Surface Interaction (PSI-26), Marseille, France.

[Link](#)

103 Physik, Astronomie

Barama, N. E. H. (2024, May 6). Enhanced Characterization of Surface Adsorbates with a Novel Infrared Reflection-Absorption Spectroscopy Setup [Poster Presentation]. (Photo-)Electro-Catalys: From the Atomic Scale (PECAS 2024), Donostia-San Sebastian, Spain.

[Link](#)

103 Physik, Astronomie

Zimmerl, M., Kaltenböck, P., Whitmore, K., & Gebeshuber, I.-C. (2024, May 14). Biomimetics of passive radiative cooling properties of Silver Ants [Poster Presentation]. Exner Lectures 2024, Wien, Austria. <http://hdl.handle.net/20.500.12708/197686>

[Link](#)

103 Physik, Astronomie

Zimmerl, M., Kaltenböck Paul, Whitmore, K., & Gebeshuber, I.-C. (2024, May 17). Utilizing passive radiative properties of Silver Ants [Poster Presentation]. The 1st International Online Conference on Biomimetics (IOCB 2024), Wien, Austria. <http://hdl.handle.net/20.500.12708/197687>

[Link](#)

103 Physik, Astronomie

Melenk, J. M., & Wörgötter, D. (2024, May 16). Wavenumber-explicit analysis of Maxwell's equations in piecewise smooth media [Poster Presentation]. Semiclapp, Nice, France. <https://doi.org/10.34726/6365>

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101 Mathematik

Ell, M. F., & Zeck, G. M. (2024, June 4). Tracking cancer cells' features using adhesion noise spectroscopy [Poster Presentation]. TechForum Millstatt 2024, Millstatt, Austria. <https://doi.org/10.34726/6621>

[Link](#)

106 Biologie

202 Elektrotechnik, Elektronik, Informationstechnik

206 Medizintechnik

Sigl, L. (2024, May 8). Teaching Responsible Research Practices (RPP)?: Challenges and strategies in teaching responsible research practice (to engineering students) [Poster Presentation]. STS Conference Graz 2024, Graz, Austria. <https://doi.org/10.34726/6364>

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509 Andere Sozialwissenschaften

Richter, S., Bahr, A. A. I., Glechner, T., Wojcik, T., Kolozsvári, S., Polcik, P., Jerg, C., Ramm, J., Primetzhofer, D., Felfer, P., & Riedl-Tragenreif, H. (2024, May 23). Unravelling diffusion processes and morphology changes of ternary and quaternary diborides during high-temperature oxidation [Poster Presentation]. 50th International Conference on Metallurgical Coatings and Thin Films (ICMCTF 2024), San Diego, California, United States of America (the). <http://hdl.handle.net/20.500.12708/199523>

[Link](#)

203 Maschinenbau

205 Werkstofftechnik

210 Nanotechnologie

Smith, J., Werner, A., & Weinberger, P. (2024, June 3). Novel Sulfate Hydrates as Thermochemical Energy Storage Materials [Poster Presentation]. Second Stories Summer School 2024, Rom, Italy.

[Link](#)

104 Chemie

van Nieuwenhoven, R. W., Buranits Fabian, & Gebeshuber, I.-C. (2024, May 14). Understanding Growth for Engineered Living Materials by simulating induced Gall Growth with an extended VirtualLeaf [Poster Presentation]. Wilhelm Exner Lectures 2024, Wien, Austria. <http://hdl.handle.net/20.500.12708/198618>

[Link](#)

103 Physik, Astronomie

106 Biologie

Simperl, F., & Werner, W. (2024, April 15). Neural Network for high-throughput XPS analysis using the Simulation of Electron Spectra for Surface Analysis (SESSA) software [Poster Presentation]. EUSpecLab/PSI school on advanced spectroscopy, Villigen, Switzerland.

[Link](#)

103 Physik, Astronomie

Wang, B. (2024, June 24). Structure-preserving semi-convex-splitting numerical scheme for a Cahn-Hilliard cross-diffusion system in lymphangiogenesis [Poster Presentation]. Frontiers in Interacting Particle Systems, Aggregation-Diffusion Equations and Collective Behavior, Marseille, France.

[Link](#)

101 Mathematik

Biezma, M. V., Haubner, R., Strobl, S., Ball, G., & Linhardt, P. (2024, June 25). SELECCIÓN DE TRATAMIENTOS TÉRMICOS PARA LA MEJORA DE LA RESISTENCIA A CORROSIÓN DE BRONCES AL ALUMINIO Y MANGANESO, MAB [Poster Presentation]. XVII Congreso Nacional de Materiales (CNMAT 2024), Málaga, Spain. <http://hdl.handle.net/20.500.12708/199160>

[Link](#)

104 Chemie

Nguyen, T. T. (2024, April 9). Drift-Diffusion for Memristors Coupled to a Network [Poster Presentation]. Conference Aggregation-Diffusion Equations & Collective Behavior: Analysis, Numerics and Applications 2024, Marseille, France.

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101 Mathematik

Nguyen, T. T. (2024, June 24). Drift-Diffusion for Memristors Coupled to a Network [Poster Presentation]. Frontiers in Interacting Particle Systems, Aggregation-Diffusion Equations & Collective Behavior, Marseille, France.

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101 Mathematik

Becker, K., & Saghafi, S. (2024, June 29). NeuroDeblur: A novel software for fast deconvolution of large light-sheet, confocal, or bright-field microscopy stacks [Poster Presentation]. FENS 2024, Vienna, Austria.

[Link](#)

102 Informatik

301 Medizinisch-theoretische Wissenschaften, Pharmazie

Buchecker, B. (2024, July 3). Szego's Theorem on a Jordan arc [Poster Presentation]. OPSFOTA - Orthogonal Polynomials, Special Functions, Operator Theory (2024), Bristol, United Kingdom of Great Britain and Northern Ireland (the). <http://hdl.handle.net/20.500.12708/199045>

[Link](#)

101 Mathematik

Liu, M. (2024). Monitoring and Modelling of "forever chemicals" – PFAS at upper Danube catchment [Poster Presentation]. 1st EULiST Student Conference in Vienna, Wien, Austria.

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201 Bauwesen

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Kladnik, V., Schwarzböck, T., Dworak, S., Hartl, B., & Rehwald, B. (2024, April 24). Behälter im Fokus: Kategorische Fotosammlung von Abfallbehältern im öffentlichen und halböffentlichen Raum [Poster Presentation]. Österreichische Abfallwirtschaftstagung 2024, Wien, Austria. <http://hdl.handle.net/20.500.12708/199530>

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201 Bauwesen

207 Umweltingenieurwesen, Angewandte Geowissenschaften

504 Soziologie

Baumgartner, L., & Szmolyan, P. (2024, July 8). A multi-parameter singular perturbation analysis of the Robertson model [Poster Presentation]. Workshop on Multiple scales: theory and applications (2024), Leiden, Netherlands (the).

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101 Mathematik

van Nieuwenhoven, R., Gebeshuber, I.-C., & Sutterluety, C. (2024, June 10). Redefining 3D Bioprinting: Vertical Bio-Ink Deposition for Improved Biofabrication [Poster Presentation]. Living Machines 2024, Chicago, United States of America (the).

[Link](#)

103 Physik, Astronomie

106 Biologie

Eder, M. M. J., Lewis, F. J., Hütner, J. I., Pavelec, J., & Parkinson, G. (2024, May 3). Multi-technique Characterization of Rhodium gem-Dicarbonyls on TiO₂(110) [Poster Presentation]. Materials for Energy Conversion and Storage Kick-Off Meeting, 03.05.2024, Wien, TU Wien, Austria. <http://hdl.handle.net/20.500.12708/199535>

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103 Physik, Astronomie

Scheiner, S., Pivonka, P., & Hellmich, C. (2024, June 2). Studying Bone Remodeling-Regulating Mechanical Stimuli Through Multiscale, Micromechanics-Inspired Modeling [Poster Presentation]. 29th

Congress of the European Society of Biomechanics (ESB 2024), Edinburgh, United Kingdom of Great Britain and Northern Ireland (the). <http://hdl.handle.net/20.500.12708/200008>

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211 Andere Technische Wissenschaften

301 Medizinisch-theoretische Wissenschaften, Pharmazie

Picco, G., Ourednik, P., Nguyen, D. T., & Feiginov, M. (2024, July 15). Generalised Analysis of Output-Power Limitations of Resonant-Tunnelling-Diode (RTD) Oscillators with Symmetrical Slot Antennas [Poster Presentation]. 33rd International Traveling Summer School on Terahertz Sciences and Technology, Vilnius, Lithuania.

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202 Elektrotechnik, Elektronik, Informationstechnik

Kriegler, A., Beleznai, C., & Gelautz, M. (2024, July 8). Learning Geometry: Rotation Representation of Symmetric Objects [Poster Presentation]. ICVSS 2024 International Computer Vision Summer School, Sicily, Italy. <http://hdl.handle.net/20.500.12708/199782>

[Link](#)

101 Mathematik

102 Informatik

Carnazza, F., Carollo, F., Klopotek, M., Martius, G., Andergassen, S., & Lesanovsky, I. (2024, July 9). Machine learning dynamics of order parameters [Poster Presentation]. 6th Cluster Conference "Machine Learning in Science" 2024, Germany. <http://hdl.handle.net/20.500.12708/199767>

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102 Informatik

103 Physik, Astronomie

Ibadov, R., Zikeli, F. M., Serna Loaiza, S., Harter, T., Zelaya Lainez, L. H., Füssl, J., Lukacevic, M., & Harasek, M. (2024, July 14). Modified Lignin as a Binder in Hot-Pressed Biocomposites: Fractionation and Maleation [Poster Presentation]. Gordon Research Conference - Lignin, Stonehill College, United States of America (the). <http://hdl.handle.net/20.500.12708/199990>

[Link](#)

104 Chemie

204 Chemische Verfahrenstechnik

Adavi, Z., & Möller, G. (2024, July). Assessment Of Intense Rainfall Detection Using PWV And SNR Variations [Poster Presentation]. IGS 2024 Workshop, Astronomical Institute of the University of Bern, Switzerland. <https://doi.org/10.34726/6901>

[Link](#)

101 Mathematik

105 Geowissenschaften

207 Umweltingenieurwesen, Angewandte Geowissenschaften

von Baeckmann, C., Martínez-Esaín, J., Suarez del Pino, J. A., Meng, L., Garcia-Masferrer, J., Faraudo, J., Sort, J., Carné-Sánchez, A., & Maspocho, D. (2024, July 10). Porous and Meltable Metal-Organic Polyhedra for the Generation and Shaping of Porous Mixed-Matrix Composites [Poster Presentation]. 9th EuChemS Chemistry Congress, Ireland. <http://hdl.handle.net/20.500.12708/199783>

[Link](#)

104 Chemie

von Baeckmann, C., Martinez-Esain, J., Suarez del Pino, J. A., Meng, L., Garcia-Masferrer, J., FARAUDO, J., Sort, J., Carne-Sanchez, A., & Maspocho, D. (2024, May 29). Porous and Meltable Metal-Organic-Polyhedra [Poster Presentation]. Conference on Porous Materials in Energy Science, Germany.

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104 Chemie

Hörner, H., Wild, L., Slobodkin, Y., Weinberg, G., Katz, O., & Rotter, S. (2024, July 31). Coherent Perfect Absorption of Arbitrary Wavefronts at an Exceptional Point [Poster Presentation]. Complex Nanophotonics Science Camp, London, United Kingdom of Great Britain and Northern Ireland (the). <http://hdl.handle.net/20.500.12708/199805>

[Link](#)

103 Physik, Astronomie

Sundman, B., Dupin, N., Hallstedt, B., Povoden-Karadeniz, E., Jacob, A. A. F., & Co-author. (2024, May 27). A proposal for an XML based format for Calphad databases [Poster Presentation]. 51th International Conference on Computer Coupling of Phase Diagrams and Thermochemistry (CALPHAD 2024), Mannheim, Germany. <http://hdl.handle.net/20.500.12708/199808>

[Link](#)

203 Maschinenbau

205 Werkstofftechnik

Pasteris, S., Rumi, A., Thiessen, M., Saito, S., Miyauchi, A., Vitale, F., & Herbster, M. (2024, June 17). Bandits with Abstention under Expert Advice [Poster Presentation]. ICML 2024 Workshop: Foundations of Reinforcement Learning and Control -- Connections and Perspectives (ICML 2024), Vienna, Austria. <http://hdl.handle.net/20.500.12708/199835>

[Link](#)

102 Informatik

Majkova, A. (2024, June 17). Designing functionalized DNA origami-based biointerfaces for probing T-cell activation [Poster Presentation]. Gordon Research Conference on Biointerface Science: Molecular Engineering, Measurement and Manipulation at the Boundary Between Living Systems and Synthetic Materials, Lucca (Barga), Italy.

[Link](#)

103 Physik, Astronomie

106 Biologie

Langen, T. (2024, July 15). Isotopologue-selective laser cooling of barium monofluoride molecules [Poster Presentation]. ICAP-28, Imperial College London, United Kingdom of Great Britain and Northern Ireland (the).

[Link](#)

103 Physik, Astronomie

Spielauer, T., Kolb, M., Weigner, T., Prüller, A., Toyfl, J., Boero, G., & Haslinger, P. (2024, April 5). Towards in-situ nanoscale spatially resolved electron spin resonance in scanning electron microscopes [Poster Presentation]. 14th ASEM Workshop 2024, Medical University of Graz, Austria. <https://doi.org/10.34726/6902>

[Link](#)

103 Physik, Astronomie

Redl, A., Chirita-Mihaila, M. C., Goldberger, M., Szabo, G., Pachlinger, C., Niggas, A., & Wilhelm, R. A. (2024, July 16). Using ultrafast electron-stimulated desorption to generate picosecond ion pulses [Poster Presentation]. 23rd International Conference on Ultrafast Phenomena, Barcelona, Spain. <http://hdl.handle.net/20.500.12708/200020>

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103 Physik, Astronomie

Steiner, L., Horvath, J. A., Stumptner, M., Reichebner, J. A., Hocq, R. V., Benedikt, F., Bartik, A., Müller, S., & Pflügl, S. (2024, August 6). Gas fermentation goes thermophilic: Thermoanaerobacter kivui as a promising host for acetogenic fermentation of syngas from biomass gasification [Poster Presentation]. 2024 SIMB Annual Meeting, Boston, United States of America (the). <http://>

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[Link](#)

209 Industrielle Biotechnologie

Steiner, L., Horvath, J. A., Stumptner, M., Reichebner, J. A., Hocq, R. V., Benedikt, F., Bartik, A., Müller, S., & Pflügl, S. (2024, August 14). Gas fermentation goes thermophilic: Thermoanaerobacter kivui as a promising host for acetogenic fermentation of syngas from biomass gasification [Poster Presentation]. Molecular Basis of Microbial One-Carbon Metabolism, Waterville Valley, United States of America (the). <http://hdl.handle.net/20.500.12708/200072>

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209 Industrielle Biotechnologie

Lagin, A., Filzmoser, J., Diebold, U., Schmid, M., Pavelec, J., & Parkinson, G. (2024, August 12). Advancing Single-Atom Catalysis: Development of an Apparatus for Reactions at Near Ambient Pressure [Poster Presentation]. SURFCAT Summer School 2024, Skælskør, Denmark. <http://hdl.handle.net/20.500.12708/200247>

[Link](#)

103 Physik, Astronomie

Langen, T. (2024, September 3). Isotopologue-selective laser cooling of barium monofluoride molecules [Poster Presentation]. Cold and Controlled Molecules & Ions (CCMI2024), Klosterneuburg, Austria.

[Link](#)

103 Physik, Astronomie

Hack, S., Kolb, M., Weigner, T., Ursprunger, T., & Haslinger, P. (2024, April 4). Towards Cavity Enhanced Lattice Atom Interferometry [Poster Presentation]. 2nd Terrestrial Very-Long-Baseline Atom Interferometry Workshop (2024), London, United Kingdom of Great Britain and Northern Ireland (the). <http://hdl.handle.net/20.500.12708/200255>

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103 Physik, Astronomie

Schindewolf, A. G. A., Chen, X.-Y., Eppelt, S., Biswas, S., Hilker, T., Bloch, I., Luo, X.-Y., Deng, F., Shi, T., Yi, S., & Karman, T. (2024, September 3). From Microwave Shielding to Field-Linked Molecules [Poster Presentation]. Cold and Controlled Molecules & Ions (CCMI2024), Klosterneuburg, Austria. <http://hdl.handle.net/20.500.12708/200493>

[Link](#)

103 Physik, Astronomie

104 Chemie

Filzmoser, J., Lagin, A., Diebold, U., Schmid, M., Parkinson, G., & Pavelec, J. (2024, August 12). Enhancing Sensitivity: Development of an Ion Source for Single-Atom Catalyst Product Detection using Mass Spectrometry [Poster Presentation]. SURFCAT Summer School 2024, Skælskør, Denmark. <http://hdl.handle.net/20.500.12708/200665>

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103 Physik, Astronomie

Isceri, S., Marschick, G., Szedlak, R., Giparakis, M., Schrenk, W., Weih, R., Kolibalova, E., Michalika, J., Schwarz, B., Strasser, G., & Andrews, A. M. (2024, August 30). Single-mode ridge- and ring-cavity interband cascade lasers for environmental sensors [Poster Presentation]. The International Quantum Cascade Laser School and Workshop 2024 (IQCLSW 2024), Ischia, Italy. <http://hdl.handle.net/20.500.12708/200675>

[Link](#)

202 Elektrotechnik, Elektronik, Informationstechnik

Fuchsberger, J., Windischhofer, A., Pilat, F., Pecile, V. F., Bader, A., Höfling, S., Heckl, O. H., & Schwarz,

B. (2024, August 30). Comparison of Interband Cascade Detector structures with and without Gallium for high-speed applications [Poster Presentation]. The International Quantum Cascade Laser School and Workshop 2024 (IQCLSW 2024)024, Ischia, Italy. <http://hdl.handle.net/20.500.12708/200676>

[Link](#)

202 Elektrotechnik, Elektronik, Informationstechnik

Hulaj, B., Apaydin, D. H., Eder, D., & Schröder, K. (2024, July 10). Photoelectrochemical CO₂ reduction utilizing conductive polymer coated substrates [Poster Presentation]. 9th EuChemS Chemistry Congress (ECC9), Ireland.

[Link](#)

104 Chemie

204 Chemische Verfahrenstechnik

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Blödorn, F., Simperl, F., & Werner, W. (2024, September 9). Energy dissipation of low-energy electrons in PMMA investigated with electron coincidence spectroscopy (SE2ELCS) [Poster Presentation]. Low Energy Electron Applications in Patterning (LE2AP) + Low Energy Electron Lithography, Imaging, Soft Matter and Application in Patterning (LEELIS), 2024, Leuven, Belgium. <http://hdl.handle.net/20.500.12708/200689>

[Link](#)

103 Physik, Astronomie

Piotrowski, M., Windischhofer, A., Fuchsberger, J., Arigliani, E., Weih, R., Szedlak, R., & Schwarz, B. (2024, August 24). Analysis of bias-dependent waveguide losses in ICLs [Poster Presentation]. The International Quantum Cascade Laser Symposium 2024 (IQCLS 2024), Zürich, Switzerland. <http://hdl.handle.net/20.500.12708/201444>

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202 Elektrotechnik, Elektronik, Informationstechnik

Strobl, S., & Haubner, R. (2024, September 18). Gefüge von Eisenmeteoriten [Poster Presentation]. 58. Metallographietagung 2024, Berlin, Germany.

[Link](#)

104 Chemie

Haubner, R., Strobl, S., & Leskovar, J. (2024, September 18). Untersuchungen an Bronzkleinteilen aus dem hallstattzeitlichen Gräberfeld von Mitterkirchen in Oberösterreich [Poster Presentation]. 58. Metallographietagung 2024, Berlin, Germany.

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104 Chemie

601 Geschichte, Archäologie

Al-Eryani, A., Andergassen, S., & Scherer, M. (2024, September 18). Fluctuation Diagnostics of the influence of Einstein Phonons on Electronic Orders in the Normal State [Poster Presentation]. Autumn School on Correlated Electrons: Correlations and Phase Transitions, Germany. <http://hdl.handle.net/20.500.12708/203072>

[Link](#)

103 Physik, Astronomie

Al-Eryani, A., Andergassen, S., & Scherer, M. (2024, September 24). fRG Analysis and Fluctuation Diagnostics of the Hubbard-Holstein Model [Poster Presentation]. 12th International Conference on the Exact Renormalization Group, Switzerland.

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103 Physik, Astronomie

Krämer, M. N., Meixner, M., Fraboulet, K., Bonetti, P. M., Vilardi, D., Wentzell, N., Toschi, A., Schäfer,

T., & Andergassen, S. (2024, September 24). Towards nonperturbative nonlocal correlations in the 2d Hubbard Model with the fRG [Poster Presentation]. 12th International Conference on the Exact Renormalization Group, Switzerland. <http://hdl.handle.net/20.500.12708/202011>

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103 Physik, Astronomie

Fischer, H. A., Zwickl-Bernhard, S., & Auer, H. (2024, June 27). Grid Tariffs and their Impact on Flexible Load Investments of Multiple-Participation in Renewable Energy Communities [Poster Presentation]. 45th IAEE International Conference, Istanbul, Turkey.

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202 Elektrotechnik, Elektronik, Informationstechnik

Conti, A., Hütner, J. I., Mittendorfer, F., Schmid, M., Diebold, U., & Balajka, J. (2024, September 23). Metastable termination of the unreconstructed Al₂O₃(0001)-(1×1) surface [Poster Presentation]. 3rd TACO Workshop 2024, Frankenfels/NÖ, Austria.

[Link](#)

103 Physik, Astronomie

Liepert, K. S., & Ruppitsch, L. A. (2024, July 1). New possibilities in reprocessability and 3D printing: The supramolecular UPy motif in photopolymer networks [Poster Presentation]. IUPAC MACRO2024 50th World Polymer Congress, Warwick, United Kingdom of Great Britain and Northern Ireland (the).

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104 Chemie

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103 Physik, Astronomie

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105 Geowissenschaften

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Hofbauer, C., Serna Loaiza, S., Harter, T., Zelaya-Lainez, L., Scolari, L., Jordan, C., Hirn, U., Füssl, J., Lukacevic, M., & Harasek, M. (2024, August 28). Tailored holocellulose fibers from spruce wood chips: Influence of temperature in peracetic acid pulping [Poster Presentation]. 17th European Workshop on Lignocellulosics and Pulp, Turku, Finland. <https://doi.org/10.34726/7400>

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204 Chemische Verfahrenstechnik

205 Werkstofftechnik

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104 Chemie

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104 Chemie

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203 Maschinenbau

205 Werkstofftechnik

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203 Maschinenbau

205 Werkstofftechnik

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102 Informatik

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202 Elektrotechnik, Elektronik, Informationstechnik

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103 Physik, Astronomie

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205 Werkstofftechnik

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105 Geowissenschaften

201 Bauwesen

207 Umweltingenieurwesen, Angewandte Geowissenschaften

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105 Geowissenschaften

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102 Informatik

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507 Humangeographie, Regionale Geographie, Raumplanung

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103 Physik, Astronomie

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103 Physik, Astronomie

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101 Mathematik

204 Chemische Verfahrenstechnik

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107 Andere Naturwissenschaften

204 Chemische Verfahrenstechnik

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203 Maschinenbau

204 Chemische Verfahrenstechnik

211 Andere Technische Wissenschaften

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211 Andere Technische Wissenschaften

301 Medizinisch-theoretische Wissenschaften, Pharmazie

Ell, M. F., Prado-Lopez, S., & Zeck, G. M. (2024, December 2). Digital Tools for Automated Cancer Cell Identification and Cell Cluster Tracking using Adhesion Noise Spectroscopy [Poster Presentation]. Austrian Platform for Personalized Medicine, Vienna, Austria. <https://doi.org/10.34726/7504>

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106 Biologie

202 Elektrotechnik, Elektronik, Informationstechnik

206 Medizintechnik

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105 Geowissenschaften

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105 Geowissenschaften

207 Umweltingenieurwesen, Angewandte Geowissenschaften

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104 Chemie

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104 Chemie

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102 Informatik

201 Bauwesen

507 Humangeographie, Regionale Geographie, Raumplanung

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201 Bauwesen

207 Umweltingenieurwesen, Angewandte Geowissenschaften

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207 Umweltingenieurwesen, Angewandte Geowissenschaften

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105 Geowissenschaften

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201 Bauwesen

507 Humangeographie, Regionale Geographie, Raumplanung

Krejs, B., Suitner, J., Glogar, I., Fattinger, P., Luger, B., Schmidt-Colinet, L., Bast, L., Hohenkamp, L., & Miessgang, M.-A. (2024). New Living - Old Housing (Vol. 3) [Sound]. Fakultät für Architektur und Raumplanung, TU Wien. <http://hdl.handle.net/20.500.12708/206317>

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201 Bauwesen

507 Humangeographie, Regionale Geographie, Raumplanung

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201 Bauwesen

505 Rechtswissenschaften

507 Humangeographie, Regionale Geographie, Raumplanung

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201 Bauwesen

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201 Bauwesen

504 Soziologie

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Konrad, J., Varlese, C., Krizan, R., Junger, C., & Hofmann, P. (2024, April 2). Nachhaltige Landwirtschaft: Brennstoffzellenelektrischer Traktor FCTRAC [Poster Presentation]. 24. Österreichischer Klimatag 2024, Wien, Austria. <http://hdl.handle.net/20.500.12708/206106>

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104 Chemie

202 Elektrotechnik, Elektronik, Informationstechnik

203 Maschinenbau

Bartik, A., Hofbauer, H., & Müller, S. (2024, June 25). Advanced Process Routes for Synthetic Natural Gas Production from Woody Biomass: A Techno-Economic Comparison [Poster Presentation]. 32nd European Biomass Conference & Exhibition (EUBCE), Marseille, France.

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204 Chemische Verfahrenstechnik

Ehrschwendtner, F., Pálvölgyi, Á. M., Schnürch, M., & Schröder, K. (2024, June 4). Catalyst-Free Visible Light-Driven Hydroacylation by Direct Photoexcitation of 4-Acyl Hantzsch Esters [Poster Presentation]. PHOTOCAT24, Padua, Italy. <http://hdl.handle.net/20.500.12708/206116>

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104 Chemie

Gangrskaiia, E., Bellissimo, A., Shumakova, V., Pulikottil Alex, S., Bugar, I., Grünwald, L., Mai, S., Schachinger, T., Pysz, D., Buczynski, R., Baltuska, A., & Pugzlys, A. (2024). Generation of Ultrafast Magnetic Fields with Spectrally Tunable Vector Beams for Magneto-Optical Spectroscopy of Eu³⁺ ions [Poster Presentation]. 23rd International Conference on Ultrafast Phenomena, Barcelona, Spain. <http://hdl.handle.net/20.500.12708/206134>

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202 Elektrotechnik, Elektronik, Informationstechnik

Mikóczi, D., Scharinger, F., Pálvölgyi, Á. M., Ehrschwendtner, F., & Bica-Schröder, K. (2024, July 7).

HANTZSCH ESTERS: A MULTIFUNCTIONAL REAGENT IN MODERN SYNTHETIC CHEMISTRY

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104 Chemie

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104 Chemie

Stummer, V., Kaksis, E., Flöry, T., Pugzlys, A., & Baltuska, A. (2024). Vernier-Burst Plasma Generation in Air [Poster Presentation]. 23rd International Conference on Ultrafast Phenomena, Barcelona, Spain.

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202 Elektrotechnik, Elektronik, Informationstechnik

Peck, E., Hajas, B., Kirnbauer, A., Kreuziger Lukas, Liedl, G., Pflaum Christian, & Mayrhofer, P. H. (2024, September 3). Production and characterization of coating-substrate combinations for ceramic data storage media [Poster Presentation]. International Conference on Plasma Surface Engineering 2024, Erfurt, Germany. <http://hdl.handle.net/20.500.12708/206146>

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203 Maschinenbau

205 Werkstofftechnik

Schmid, A., Enzlberger, L., & Fleig, J. (2024, July 16). Mechanistic Insights into Photocurrent Enhancement in SrTiO₃ Heterojunctions under UV Illumination [Poster Presentation]. Solid State Ionics 2024, United Kingdom of Great Britain and Northern Ireland (the). <http://hdl.handle.net/20.500.12708/206149>

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104 Chemie

Werginz, P., Kiraly, V., & Zeck, G. M. (2024, June 26). Intrinsic spiking properties vary across different types of alpha retinal ganglion cells [Poster Presentation]. FENS Forum 2024, Wien, Austria. <http://hdl.handle.net/20.500.12708/206156>

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301 Medizinisch-theoretische Wissenschaften, Pharmazie

Ernstberger, D., Kiraly, V., Zeck, G. M., & Werginz, P. (2024, June 26). Influence of dendritic morphology on spike generation in alpha retinal ganglion cells [Poster Presentation]. FENS Forum 2024, Wien, Austria. <http://hdl.handle.net/20.500.12708/206158>

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301 Medizinisch-theoretische Wissenschaften, Pharmazie

Kiraly, V., Yunzab, M., Nadal-Nicholas, F., Stasheff, S., Fried, S., Zeck, G. M., & Werginz, P. (2024, June 26). Comparative analysis of biophysical properties of ON-alpha sustained RGCs in wild-type and rd10 retina [Poster Presentation]. FENS Forum 2024, Wien, Austria. <http://hdl.handle.net/20.500.12708/206160>

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301 Medizinisch-theoretische Wissenschaften, Pharmazie

Sandbichler, P. H., Kleibl, J., & Marchetti-Deschmann, M. (2024). Unveiling the impact of oxidation on lipid analysis in MALDI MSI [Poster Presentation]. 2nd IMSIS 2024, Münster, Germany. <http://hdl.handle.net/20.500.12708/206177>

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104 Chemie

Pulikottil Alex, S., Stummer, V., Longobucco, M., Pysz, D., Buczynski, R., Kaksis, E., Pugzlys, A., Baltuška, A., & Bugar, I. (2024). Ultrafast Self- and Cross-Switching of Long Wavelength Near-Infrared Pulses in Dual-Core Soft Glass Fibers [Poster Presentation]. 23rd International Conference on Ultrafast Phenomena, Barcelona, Spain. <http://hdl.handle.net/20.500.12708/206242>

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202 Elektrotechnik, Elektronik, Informationstechnik

Sam, S., Waclawek, J. P., Moser, H., Pinto, D., Gazizov, I., O'Faolain, L., & Lendl, B. (2024, April 21). Implementation of Bow-Tie Cavity for Photothermal Spectroscopy [Poster Presentation]. ECONOS 2024 (European Conference On Non-Linear Optical Spectroscopy), Wien, Austria. <http://hdl.handle.net/20.500.12708/206181>

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103 Physik, Astronomie

104 Chemie

Weiser, M., Pálvölgyi, Á. M., & Bica-Schröder, K. (2024, July 8). Continuous Enantioselective α -Alkylation of Ketones via Direct Enamine Photoexcitation [Poster Presentation]. 9th EuChemS Chemistry Congress 2024, Dublin, Ireland. <http://hdl.handle.net/20.500.12708/206188>

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104 Chemie

Weiser, M. (2024, June 3). Continuous Enantioselective α -Alkylation of Ketones via Direct Photoexcitation [Poster Presentation]. Photocat24, Padua, Italy. <http://hdl.handle.net/20.500.12708/206190>

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104 Chemie

Riva, M. (2024, September 23). Surface Structures of $\text{La}_{3.8}\text{Sr}_{3.2}\text{MnO}_3(001)$ [Poster Presentation]. SFB-TACO 3rd Retreat, Frankenfels, Austria. <http://hdl.handle.net/20.500.12708/206192>

[Link](#)

103 Physik, Astronomie

Andrade Silva Alves, G., & Föttinger, K. (2024, July 10). ZnO-supported MoS₂ catalysts for CO₂ hydrogenation: insights from in-situ X-ray absorption [Poster Presentation]. Spectrocat 2024, France.

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104 Chemie

Zoratto, S., Kremslehner, C., Sochorova, M., Gruber, F., & Marchetti-Deschmann, M. (2024). Lipidomic Patterns and Skin Aging: Combining MALDI MSI FTICR and HPLC MS/MS [Poster Presentation]. 2nd IMSIS 2024, Münster, Germany. <http://hdl.handle.net/20.500.12708/206273>

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104 Chemie

Andrade Silva Alves, G., & Föttinger, K. (2024, June 18). Exploring novel catalysts for the production of green methanol from CO₂ [Poster Presentation]. Young Researcher's Award at the 6th European Gas Technology Conference, Hamburg, Germany.

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104 Chemie

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207 Umweltingenieurwesen, Angewandte Geowissenschaften

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502 Wirtschaftswissenschaften

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106 Biologie

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301 Medizinisch-theoretische Wissenschaften, Pharmazie

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103 Physik, Astronomie

Hondl, N., Neubauer, L., Lendl, B., & Ramer, G. (2024, March 13). Advanced Chemical Spectroscopy of Individual Human Milk Extracellular Vesicles [Poster Presentation]. European meeting on InfraRed Nanospectro-Imaging 2024 & EFNS Bruker's Tech Day, Orsay, France.

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103 Physik, Astronomie

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Kasper-Giebl, A., Nägele, G., Kau, D., Schauer, G., & Ludewig, E. (2024, April). Time Series of Aerosol measurements at the Sonnblick Observatory [Poster Presentation]. 24. Österreichischer Klimatag "Stadt und Land im Fluss," Wien, Austria. <http://hdl.handle.net/20.500.12708/207410>

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104 Chemie

105 Geowissenschaften

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103 Physik, Astronomie

104 Chemie

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102 Informatik

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207 Umweltingenieurwesen, Angewandte Geowissenschaften

Singh, S., Böhm, J., Krasna, H., Balasubramanian, N., & Dikshit, O. (2024, December 9). Statistical Analysis of Five Years of VGOS Observations with Geophysical Loading Corrections [Poster Presentation]. AGU Fall Meeting 2024, Washington, D.C., United States of America (the).

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Honeder, S. E., Liesinger, L., Gindlhuber, J., Lindenmann, J., Brcic, L., Schittmayer-Schantl, M., Tomin, T., & Birner-Grünberger, R. (2024, September 23). Disrupted Lipid Catabolism in Lung Cancer: Insights from Activity-Based Proteomics and Lipidomics [Poster Presentation]. APMRS 2024, Wien, Austria. <http://hdl.handle.net/20.500.12708/207565>

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104 Chemie

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301 Medizinisch-theoretische Wissenschaften, Pharmazie

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301 Medizinisch-theoretische Wissenschaften, Pharmazie

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301 Medizinisch-theoretische Wissenschaften, Pharmazie

Burger, I., Schmal, M., Zimmermann, C., Birner-Grünberger, R., & Schittmayer-Schantl, M. (2024, February 21). Unravelling Fungal RiPPs: Sherlocking with Proteomics, Metabolomics, and a Dash of Molecular Networking Magic [Poster Presentation]. 34th Mass Spectrometry Forum 2024, Wien, Austria.

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209 Industrielle Biotechnologie

301 Medizinisch-theoretische Wissenschaften, Pharmazie

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301 Medizinisch-theoretische Wissenschaften, Pharmazie

Tomin, T., Honeder, S., Liesinger, L., Gremel, D., Retzl, B., Lindenmann, J., Brcic, L., Schittmayer-Schantl, M., & Birner-Grünberger, R. (2024, October 8). Active Oxidative Metabolism and Impaired Glyoxalase System Amid Elevated Intracellular Oxidative Stress in Non-Small Cell Lung Cancer shown by immediate alkylation and redox proteomics [Poster Presentation]. Cancer Metabolism (EACR), Bilbao, Spain. <http://hdl.handle.net/20.500.12708/207725>

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301 Medizinisch-theoretische Wissenschaften, Pharmazie

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301 Medizinisch-theoretische Wissenschaften, Pharmazie

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209 Industrielle Biotechnologie

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209 Industrielle Biotechnologie

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211 Andere Technische Wissenschaften

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211 Andere Technische Wissenschaften

Savic, V., Stanetty, C., & Mihovilovic, M. D. (2024, August 26). Modified Phosphatidylinositols for the Investigation of Peptide Assemblies [Poster Presentation]. 20th Blue Danube Symposium on Heterocycles in Chemistry, Prag, Czechia.

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301 Medizinisch-theoretische Wissenschaften, Pharmazie

Forschungsbereich Raumgestaltung und Entwerfen, T. U. W., Kühn, W. F., & Walter, W. (2024, December). Display & Exhibit - Case Study Helmut Lang [Scientific Brochure]. <http://hdl.handle.net/20.500.12708/206652>

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507 Humangeographie, Regionale Geographie, Raumplanung

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604 Kunstwissenschaften

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604 Kunstwissenschaften

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201 Bauwesen

Dowling, E., Plank, L., & Strickner, A. (2024, November 25). Daseinsvorsorge ausbauen jetzt! Jobs schaffen, Klima schützen und gutes Leben ermöglichen. Arbeit & Wirtschaft blog. <http://hdl.handle.net/20.500.12708/206644>

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502 Wirtschaftswissenschaften

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507 Humangeographie, Regionale Geographie, Raumplanung

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202 Elektrotechnik, Elektronik, Informationstechnik

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502 Wirtschaftswissenschaften

Karner, K., Weber, N., Asbäck, Y., Getzner, M., & Schönhart, M. (2024). Analyse der Auswirkungen von Photovoltaikanlagen auf Biodiversität unter Berücksichtigung der vielfältigen naturräumlichen Standortvoraussetzungen in Österreich. <https://doi.org/10.34726/8161>

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107 Andere Naturwissenschaften

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Salvadores Farran, N., Wojcik, T., Jerg, C., Gies, A., Ramm, J., Kolozsvári, S., Polcik, P., Huber, T., Fleig, J., & Riedl, H. (2024, July 15). Electrical and morphological characterization of reactive PVD-deposited AlN and Al₂O₃ coatings [Poster Presentation]. FEMS Junior EUROMAT 2024, Manchester, United Kingdom of Great Britain and Northern Ireland (the). <http://hdl.handle.net/20.500.12708/208166>

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205 Werkstofftechnik

Patel, N. A., & Kranzl, L. (2024, June 27). Advancing sustainability in districts: A comprehensive review of GIS and remote sensing of urban energy system modelling [Poster Presentation]. 45th IAEE International Conference, Istanbul, Turkey. <https://doi.org/10.34726/8219>

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202 Elektrotechnik, Elektronik, Informationstechnik

Neubauer, L., Failla, M., DOSS, J., Andrieu, G., Ramer, G., & Deniset-Besseau, A. (2024, March 13). Nanoscale studies of ferroptosis-induced phospholipid peroxidation in membranes of T-ALL leukaemia cells via AFM-IR [Poster Presentation]. 1st European Meeting on InfraRed Nanospectro-Imaging, Orsay, France. <http://hdl.handle.net/20.500.12708/208211>

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210 Nanotechnologie

Laa, D. (2024, June 12). Voxel-based Data-Compression for Design for Disassembly [Poster Presentation]. Additive 2024, Bremen, Germany. <https://doi.org/10.34726/8202>

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205 Werkstofftechnik

Trunner, C., & Sponar, S. (2024, June 3). A NEW NEUTRON IMAGING FACILITY AT THE TRIGA MARK II REACTOR OF THE TU WIEN [Poster Presentation]. 12th World Conference on Neutron Radiography, Idaho, United States of America (the). <https://doi.org/10.34726/8141>

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103 Physik, Astronomie

Wutscher, M., Scheibelreiter, V., Giparakis, S., Stanetty, C., & Rudroff, F. (2024, June 30). Exploring the enzymatic space of biocatalytic dealkylation [Poster Presentation]. 18th Belgian Organic Synthesis Symposium (BOSS XVIII), Liege, Belgium. <https://doi.org/10.34726/8142>

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301 Medizinisch-theoretische Wissenschaften, Pharmazie

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204 Chemische Verfahrenstechnik

301 Medizinisch-theoretische Wissenschaften, Pharmazie

Tomin, T., Honeder, S. E., Liesinger, L., Gremel, D., Retzl, B., Lindenmann, J., Brcic, L., Schittmayer-Schantl, M., & Birner-Grünberger, R. (2024, July 3). SNAPSHOT OF REDOX SIGNALING IN LUNG CANCER SUGGESTS OXIDATIVE METABOLISM PREFERENCE AND IMPAIRED GLYOXALASE SYSTEM AMID ELEVATED OXIDATIVE STRESS [Poster Presentation]. ISCAM 2024, Brussels, Belgium. <http://hdl.handle.net/20.500.12708/208258>

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301 Medizinisch-theoretische Wissenschaften, Pharmazie

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301 Medizinisch-theoretische Wissenschaften, Pharmazie

El Makroum, R., Mascherbauer, P., Zwickl-Bernhard, S., Kranzl, L., & Auer, H. (2024, June 26). A Reinforcement Learning Approach for Optimal Household Battery Charging using Real-time Pricing [Poster Presentation]. IAEE 45th INTERNATIONAL CONFERENCE ISTANBUL 2024, Istanbul, Turkey. <https://doi.org/10.34726/8179>

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202 Elektrotechnik, Elektronik, Informationstechnik

Bakovic, T., Robisson, A., Gruber, R., Preinstorfer, P., & Liberto, T. (2024, April 2). Rheological Characterization of Clay Pastes for Sustainable Pourable Clay Concrete [Poster Presentation]. 24. Österreichischer Klimatag, Wien, Austria. <https://doi.org/10.34726/8222>

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Haslinger, C., Liska, R., & Baudis, S. (2024, May). The Future of 3D Printing: Investigation of a Novel Sn-based Photoinitiator with High Stability [Poster Presentation]. Exner Lectures 2024, Wien, Austria. <http://hdl.handle.net/20.500.12708/208426>

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Etezad, D., Robisson, A., Liberto, T., & Preinstorfer, P. (2024, April 25). Physical and Chemical Characterization on Durability of Basalt Fibers [Poster Presentation]. International students conference of civil engineering, Prishtina, Kosovo. <https://doi.org/10.34726/8181>

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Etezad, D., Robisson, A., Liberto, T., & Preinstorfer, P. (2024, April). Physikalische und chemische Charakterisierung von nachhaltigen basaltbewehrten Tonbetonen [Poster Presentation]. 24. Österreichischer Klimatag, Wien, Austria. <https://doi.org/10.34726/8223>

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Eisl, S., & Schlund, S. (2024, February 21). A COMPONENT-BASED SELECTION MODEL FOR END-OF-LIFE OPTIONS OF ON-SHORE WIND TURBINES [Poster Presentation]. 1st Faculty Science Day of the Faculty of Mechanical and Industrial Engineering, Wien, Austria. <https://doi.org/10.34726/8199>

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von Werz, V., Szarzynski, A., Siebold, M., Zigon-Branc, S., Kozma, B., & Spadiut, O. (2024, October 9). Process Development for allogeneic NK cell production [Poster Presentation]. Young Scientist Workshop "Technologies for Cell and Gene Therapies - from Research to Industry", Frankfurt, Germany. <http://hdl.handle.net/20.500.12708/208234>

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Kusa, W., Staudinger, M., Harry Scells, & Hanbury, A. (2024, August 16). Using Cochrane Systematic Literature Reviews to Reduce Contamination in the Evaluation of Large Language Models [Poster Presentation]. The 1st Workshop on Data Contamination (CONDA), Bangkok, Thailand. <http://hdl.handle.net/20.500.12708/208243>

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Staudinger, M., Kusa, W., Piroi, F., Lipani, A., & Hanbury, A. (2024, November 9). Beyond ChatGPT: A Reproducibility and Generalizability Study of Large Language Models for Query Generation [Poster Presentation]. ML in PL Conference 2024, Warsaw, Poland.

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Luznik, M., Taupin, M., Yan, X., Prokofiev, A., & Bühler-Paschen, S. (2024, July 2). Thermoelectric transport signatures of Weyl-Kondo physics in Ce₃Bi₄Pd₃ [Poster Presentation]. 22nd International Conference on Magnetism (ICM2024), Bologna, Italy.

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103 Physik, Astronomie

Le Roy, G., Nguyen, D. H., Taupin, M., Yan, X., Prokofiev, A., & Bühler-Paschen, S. (2024, July 1). Thermal conductivity of the quantum critical heavy fermion compound Ce₃Pd₂₀Si₆ [Poster Presentation]. International Conference on Magnetism 2024, Bologna, Italy.

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103 Physik, Astronomie

Igwe, C. L., Gisberg, F., Kierein, M., Práda Brichtová, E., Spadiut, O., & Müller, D. F. (2024, April 9). Mechanistic soft-sensor design for protein refolding processes based on intrinsic fluorescence measurements [Poster Presentation]. 8th BioProScale Symposium 2024, Berlin, Germany. <http://hdl.handle.net/20.500.12708/208311>

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Costa, B., Liberto, T., Mesto, E., Robisson, A., & Maurizio Bellotto. (2024, September 1). Development and use of quantitative X-ray powder diffraction analysis: a case study of Gründerzeit period, Vienna (AT) [Poster Presentation]. 18th European Powder Diffraction Conference 2024, Padova, Italy. <http://hdl.handle.net/20.500.12708/208316>

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Costa, B., Liberto, T., Maurizio Bellotto, Mesto, E., & Robisson, A. (2024, May 16). Design of an innovative eco-sustainable binder to consolidate old masonries from Gründerzeit period in Vienna [Poster Presentation]. Euromech Colloquium 637, Wien, Austria. <http://hdl.handle.net/20.500.12708/208321>

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Dielacher, I., Slipko, K., Holzwarth, H., Wögerbauer, M., Galazka, S., Kreuzinger, N., Krampe, J., & Vierheilig, J. (2024, May). Impact of different wastewater sampling approaches on DNA stability and the quantification of antibiotic resistance genes [Poster Presentation]. 38. JAHRESTAGUNG der Österreichische Gesellschaft für Hygiene, Mikrobiologie und Präventivmedizin, Salzburg, Austria.

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207 Umweltingenieurwesen, Angewandte Geowissenschaften

Galazka, S., Vigl, V., Kuffner, M., Dielacher, I., Spettel, K., Kriz, R., Kreuzinger, N., Vierheilig, J., & Wögerbauer, M. (2024, May 15). Prevalence of Antibiotic Resistance Genes and Bacterial Microbiome Analysis in Smoothies [Poster Presentation]. 38. JAHRESTAGUNG der Österreichische Gesellschaft für Hygiene, Mikrobiologie und Präventivmedizin, Salzburg, Austria.

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207 Umweltingenieurwesen, Angewandte Geowissenschaften

Svanda, N. (2024, April 23). Approach to new housing areas in Vienna [Poster Presentation]. Studio SPATIAL STRATEGIES FOR THE TRIANGLE REGION between Brno – Bratislava – Vienna, Brunn, Czechia.

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Monsefi Estakhrposhti, S. H., Xu, J. J., Baghaei Oskouei, S., Harasek, M., & Gföhler, M. (2024, November 6). Multi objective Optimization of Hollow Fiber Membrane Oxygenators Arrangement Using Modified Enhanced Jaya Algorithm [Poster Presentation]. Young Scientist Symposium 2024, Klosterneuburg, Austria.

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Felsberger, T., Eßmeister, J., Fuchsberger, A., & Konegger, T. (2024, November 27). Surface functionalization of hierarchically porous ceramics structured by vat photopolymerization [Poster Presentation]. 8th International Conference on Cellular Materials (CellMAT 2024), Magdeburg, Germany.

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205 Werkstofftechnik

Xu, J. J., Monsefi Estakhrposhti, S. H., Baghaei Oskouei, S., Harasek, M., & Gföhler, M. (2024, November 6). Oxygen and Carbon Dioxide Transport Modeling in Extracorporeal Membrane Oxygenators with Sinusoidal Fiber Morphology [Poster Presentation]. Young Scientist Symposium 2024, Klosterneuburg, Austria.

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Rauchenwald, K., Miksovsky, P., Shirvani, R., Edtmaier, T., Schröder, K., Föttinger, K., Steiger, M., & Konegger, T. (2024, May 29). Freeze-casting of polysiloxane-derived ceramics for CO₂ utilization [Poster Presentation]. 2nd TCH Science Days: PhD & Postdoc Day 2024, Wien, Austria. <http://hdl.handle.net/20.500.12708/208356>

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Baghaei Oskouei, S., Monsefi Estakhrposhti, S. H., Xu, J. J., Kurz, M., Aloy, A., Kölbl, R., Harasek, M., & Gföhler, M. (2024, November 6). Flow in an Alveolated Duct during Pulsate Bi-level Ventilation [Poster Presentation]. Young Scientist Symposium 2024, Klosterneuburg, Austria. <http://hdl.handle.net/20.500.12708/208357>

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Ballester Campos, I. (2024, July 8). MEASURING DEMENTIA BEHAVIOURS FROM DEPTH MAPS [Poster Presentation]. ICVSS 2024 International Computer Vision Summer School, Sicily, Italy.

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101 Mathematik

102 Informatik

Vierheilig, J., Dielacher, I., Galazka, S., Slipko, K. A., Wögerbauer, M., Radu, L.-E., Saracevic, E., Klümper, U., Berendonk, T. U., Krampe, J., & Kreuzinger, N. (2024, May). Insights into antibiotic resistance genes across Austrian water systems and connections with environmental parameters [Poster Presentation]. 38. Jahrestagung der Österreichischen Gesellschaft für Hygiene, Mikrobiologie und Präventivmedizin, Salzburg, Austria. <http://hdl.handle.net/20.500.12708/208502>

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Kolm, C., Vierheilig, J., Kreuzinger, N., Zarfel, G., Ströberle, B., Finsterwald, M., Zepke, G., Martzy, R., Weinberger, J., Strauß, R., Lehner, A., Weber, J., Müller-Rechberger, H., Nykyforuk, L., Kirschner, A., & Farnleitner, A. (2024, May). Das ARISE Projekt: Wegbereiter für die Zukunft der Überwachung von antimikrobiellen Resistenzen im Abwasser [Poster Presentation]. 38. Jahrestagung der Österreichischen Gesellschaft für Hygiene, Mikrobiologie und Präventivmedizin, Salzburg, Austria. <http://hdl.handle.net/20.500.12708/208503>

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Steinbacher, S., Leifels, M., Priselac, K., Demeter, K., Mayer, R., Vierheilig, J., Kandler, W., Lindner, G., Kolm, C., Blaschke, A., Savio, D., Kirschner, A., & Farnleitner, A. (2024, May). Crenothrix polyspora, der Brunnenfaden i.e., die „Pest der Wasserleitungen“: Populär - gefürchtet vor 150 Jahren, heute ein seltenes Phänomen. - Eine Feldstudie [Poster Presentation]. 38. Jahrestagung der Österreichischen Gesellschaft für Hygiene, Mikrobiologie und Präventivmedizin, Salzburg, Austria. <http://hdl.handle.net/20.500.12708/208505>

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Kratena, N., Demuth, T., Denk, C., Mairinger, S., Langer, O., & Mikula, H. (2024, July 3). Synthesis of a modified ACE2-inhibitor for 18F, 11C and 124I isotopic radiolabelling and PET tracer development [Poster Presentation]. 18th Belgian Organic Synthesis Symposium (BOSS XVIII), Liege, Belgium. <http://hdl.handle.net/20.500.12708/208507>

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Kratena, N., Demuth, T., Denk, C., Mairinger, S., Langer, O., & Mikula, H. (2024, July 31). Synthesis of a modified ACE2-inhibitor for 18F, 11C and 124I isotopic radiolabelling and PET tracer development [Poster Presentation]. ACS Publications Symposium: Catalysis for Organic Synthesis, Vienna, Austria. <http://hdl.handle.net/20.500.12708/208509>

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Zarabian Ghaeini, G., Bösenhofer, M., & Harasek, M. (2024, September 12). Computational Study of Coke Combustion in Raceway Zone under Blast Furnace Conditions Golnaz Zarabian1, Markus Bösenhofer1, Michael Harasek1 [Poster Presentation]. 1st Early Stage Combustion Researcher Workshop, Austria. <http://hdl.handle.net/20.500.12708/208804>

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207 Umweltingenieurwesen, Angewandte Geowissenschaften

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Prendl, L., & Parravicini, V. (2024). Bericht über die Untersuchung der Betriebsabwasserreinigungsanlage der Zuckerfabrik Leopoldsdorf am 27./28.09.2022 sowie die Auswertung der Betriebsdaten für den Betrieb außerhalb der Kampagne 2022. <http://hdl.handle.net/20.500.12708/210670>

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201 Bauwesen

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Prendl, L., & Parravicini, V. (2024). Bericht über die Untersuchung der Betriebsabwasserreinigungsanlage der Zuckerfabrik Leopoldsdorf am 28./29.11.2022 sowie die Auswertung der Betriebsdaten für die Kampagne 2022/23. <http://hdl.handle.net/20.500.12708/210720>

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201 Bauwesen

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Melnyk, O., Huymajer, M., Weichenberger, F., Wenighofer, R., Galler, R., & Huemer, C. (2024). Interdisziplinäres BIM_basiertes Planungs-, Bau- und Betriebsprozessmanagement im Tunnelbau (No. 48579106). <http://hdl.handle.net/20.500.12708/210668>

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102 Informatik

105 Geowissenschaften

201 Bauwesen

Kirnbauer, J., Ramizi, M., Robisson, A., Badsich, E., Boidi, G., & Nevosad, A. (2024). Concrete friction?: Abschlussbericht (No. 2011307-BE1). <http://hdl.handle.net/20.500.12708/210945>

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201 Bauwesen

205 Werkstofftechnik

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Hausner, L., Kirnbauer, J., & Robisson, A. (2024). Mathematical Modelling and Optimization of CO2 neutral Concrete?: End fo second year report (No. FO999907713). <http://hdl.handle.net/20.500.12708/210671>

[Link](#)

201 Bauwesen

205 Werkstofftechnik

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Brezina, T., & Kostka, L. W. (2024). Laufende Auswertungen aus GIP, OSM und anderen Datenquellen - Auswertung 2024, Teil 1. <http://hdl.handle.net/20.500.12708/211085>

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201 Bauwesen

507 Humangeographie, Regionale Geographie, Raumplanung

Huber, D., Zeininger, E. H., & Benz, L. (2024). Bühnenbild – Unerwartete Gemeinsamkeit [3D Object]. Landestheater Niederösterreich.

[Link](#)

201 Bauwesen

507 Humangeographie, Regionale Geographie, Raumplanung

604 Kunstwissenschaften

Wiesnet, F. (2024). Minlog-Kurs 2024 [Video].

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101 Mathematik

102 Informatik

Fritsche, S., Fronek, F., Mach, R., & Steiger, M. (2024, September 17). Applicability of non-invasive and live-cell holotomographic imaging on fungi [Poster Presentation]. ÖGMBT Annual Meeting 2024, Graz, Austria. <https://doi.org/10.34726/8502>

[Link](#)

106 Biologie

209 Industrielle Biotechnologie

Huang, Z., Rath, J., Zhou Qiancheng, Cherevan, A., Naghdi, S., & Eder, D. (2024). Zeolitic Imidazolate Framework via a Synergistic Ligand Engineering Strategy for Electrocatalysis [Poster Presentation]. Conference on Porous Materials in Energy Science, Germany.

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104 Chemie

Safa, I., Waddington, S. J., Schubert, T., Rosa-Medina Pimentel, R. F., & Leonard, J. (2024, September 19). Towards quantum simulation with programmable optical lattices [Poster Presentation]. 20 years IQOQI, Innsbruck, Austria. <http://hdl.handle.net/20.500.12708/210560>

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103 Physik, Astronomie

Zelaya-Lainez, L. H., Schwaighofer, M., Königsberger, M., Lukacevic, M., Lahayne, O., Serna Loaiza, S., Hofbauer, C., Scolari, L., Unsinn, G., Wahab, N., Ibadov, R., Zikeli Florian, Harasek, M., Friedl, A., & Füssl, J. (2024, September 26). Characterization of mechanical properties of five hot-pressed lignins extracted from different feedstocks by load-controlled nanoindentation [Poster Presentation]. 40th Danubia-Adria Symposium on Advances in Experimental Mechanics, Poland. <http://hdl.handle.net/20.500.12708/210963>

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201 Bauwesen

205 Werkstofftechnik

Troy, J., Arndt, A. M., Schwarz, J., & Lienhart, B. (2024, October 21). BML Stiftungsprofessur Holzbau und Entwerfen im urbanen Raum [Poster Presentation]. woodCircle: Gemeinsam die Zukunft der Österreichischen Holzinitiative gestalten und Erfolge feiern!, Apothekertrakt Schönbrunn Wien, Austria. <http://hdl.handle.net/20.500.12708/210371>

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201 Bauwesen

Schwarz, J., Schön, K., & Troy, J. (2024, October 21). Forschungsprojekt REDUCE?: CO₂-Einsparpotential durch verstärkten Einsatz von Holz im Geschosswohnbau [Poster Presentation]. woodCircle: Gemeinsam die Zukunft der Österreichischen Holzinitiative gestalten und Erfolge feiern!, Apothekertrakt Schönbrunn Wien, Austria. <http://hdl.handle.net/20.500.12708/210386>

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201 Bauwesen

Bresich, M., Raidl, G., Limmer, S., & Probst, M. (2024, September). Learning to Solve Dynamic Vehicle Routing Problems [Poster Presentation]. HRI European Graduate Network (EGN) Symposium, Offenbach, Germany.

[Link](#)

101 Mathematik

102 Informatik

Kaiser, M., Steinacher, M., Lukas, F., & Gärtner, P. (2024, July 3). Carpe Diene! Europium-catalyzed [3,3] and [5,5] rearrangements of aryl-pentadienyl ethers [Poster Presentation]. 18th Belgian Organic Synthesis Symposium, Liege, Belgium. <https://doi.org/10.34726/8484>

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104 Chemie

Saavedra Garcia, A. J., Schilberg, J. M., Pradler, I., & Abele, H. (2024, December 6). CREscent: High-Precision Electron Spectroscopy using Cyclotron Radiation Emissions [Poster Presentation]. MLZ User Meeting 2024, München, Germany. <http://hdl.handle.net/20.500.12708/210520>

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103 Physik, Astronomie

Fischer, L., Le Roy, G., Herbst, M., Münch, L., Nguyen, D. H., Fleischmann, A., & Bühler-Paschen, S. (2024, September 26). Towards bipartite fluctuation measurements in YbRh₂Si₂ [Poster Presentation]. Correlated Quantum Materials & Solid State Quantum Systems Summer School 2024, Klosterneuburg, Austria. <http://hdl.handle.net/20.500.12708/210148>

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103 Physik, Astronomie

Svatunek, D. (2024, July 21). Exploring Energy Surfaces through Multi-Dimensional Energy Decomposition Analysis [Poster Presentation]. Gordon Research Seminar - Computational Chemistry, Portland ME, United States of America (the).

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104 Chemie

Svatunek, D. (2024, July 24). Exploring Energy Surfaces through Multi-Dimensional Energy Decomposition Analysis [Poster Presentation]. Gordon Research Conference - Computational Chemistry, Portland ME, United States of America (the).

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104 Chemie

Fischer, L., Iseri, S., Kronlachner, L., Yan, X., Svagera, R., Waas, M., Eguchi, G., Limbeck, A., Prokofiev, A., Andrews, A. M., & Bühler-Paschen, S. (2024, February 15). Synthesis of the Weyl-Kondo Semimetal Ce₃Bi₄Pd₃ [Poster Presentation]. 1st SFB Q-M&S Retreat, Admont, Austria.

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103 Physik, Astronomie

Moser, B., Kühn, C., & Kevdzija, M. (2024, June 17). A Participatory Game to Explore the Relationship between Emotional Well-being and the Built Environment in Stroke-Affected Children [Poster Presentation]. ARCH24 – Effects of Design on Health and Wellbeing, Espoo, Finland.

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201 Bauwesen

301 Medizinisch-theoretische Wissenschaften, Pharmazie

504 Soziologie

Karami, N., amra mujadzic, sasha mendjan, Wanzenböck, H., & Prado Lopez, S. (2024, December 2). Doxorubicin induced cardiotoxicity assessment using Impedance spectroscopy on human iPSC-derived cardioids [Poster Presentation]. Jahrestagung der Österreichischen Plattform für Personalisierte Medizin (ÖPPM), Wien, Austria.

[Link](#)

202 Elektrotechnik, Elektronik, Informationstechnik

Kigili, S., Knafl, S., Karami, N., Wanzenböck, H., & Prado Lopez, S. (2024, December 2). Induction of Epithelial-Mesenchymal Transition in Colorectal Cancer through Chemical Hypoxia in Microfluidic Chip [Poster Presentation]. Annual conference of the austrian platform for Personalized Medicine, Vienna, Austria.

[Link](#)

202 Elektrotechnik, Elektronik, Informationstechnik

Karami, N., mujadzic amra, sasha mendjan, Wanzenböck, H., & Prado Lopez, S. (2024, October 14). Low shear stress milli fluidic combined with planar MEA for simultaneous monitoring of impedance and field potential recording of electrogenic organoids. [Poster Presentation]. EMBO-Unlocking human brain complexity using 3D culture and single-cell omics, Capri, Italy.

[Link](#)

202 Elektrotechnik, Elektronik, Informationstechnik

Karami, N., Wanzenböck, H., & Prado Lopez, S. (2024, July 14). Low shear stress milli fluidic device to study CRC spheroids [Poster Presentation]. First ACERA (Association of Spanish Scientists in the Republic of Austria) conference, Vienna, Austria.

[Link](#)

202 Elektrotechnik, Elektronik, Informationstechnik

Martínez Lozano, M., Wanzenböck, H., & Prado Lopez, S. (2024, July 14). Machine Learning-supported Identification of Necrosis in Micro Tumors [Poster Presentation]. First AERA (Association of Spanish Scientists in the Republic of Austria) conference, Wien, Austria. <http://hdl.handle.net/20.500.12708/211186>

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202 Elektrotechnik, Elektronik, Informationstechnik

Fuchs, M., Nalbach, M., Andriotis, O., Battle, L., Docaj, A., Carriero, A., & Thurner, P. (2024, March 12). Tensile testing of individual collagen fibrils from oim/oim mouse tendon tissue [Poster Presentation]. 1st TENET COST Action General Meeting & Conference, Salzburg, Austria.

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203 Maschinenbau

211 Andere Technische Wissenschaften

305 Andere Humanmedizin, Gesundheitswissenschaften

Pachinger, P., Goldzycher, J., Planitzer, A. M., Kusa, W., Hanbury, A., & Neidhardt, J. (2024, June 20). A Dataset for Span-Based Austrian German and English Offensive Language Detection [Poster Presentation]. Workshop on Online Abuse and Harms 2024, Mexico City, Mexico. <http://hdl.handle.net/20.500.12708/210352>

[Link](#)

102 Informatik

508 Medien- und Kommunikationswissenschaften

602 Sprach- und Literaturwissenschaften

Ell, M. F., Zeck, G. M., & Prado Lopez, S. (2024, July 14). Adhesion Noise Spectroscopy as a Tool to Analyze Cancer Cell Properties [Poster Presentation]. I Conference ACERA "Scientific Communication", Vienna, Austria.

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202 Elektrotechnik, Elektronik, Informationstechnik

Breinsperger, J., Kaiser, M., & Gärtner, P. (2024, July 3). Asymmetric Claisen-Cope rearrangements [Poster Presentation]. 18th Belgian Organic Synthesis Symposium, Liege, Belgium. <https://doi.org/10.34726/8481>

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104 Chemie

Kaiser, M., Steinacher, M., Lukas, F., & Gärtner, P. (2024, September 23). Carpe Diene! Europium-catalyzed [3,3] and [5,5] rearrangements of aryl-pentadienyl ethers [Poster Presentation]. Chemietage 2024, Graz, Austria. <https://doi.org/10.34726/8485>

[Link](#)

104 Chemie

Breinsperger, J., Kaiser, M., & Gärtner, P. (2024, May 29). Asymmetric Claisen-Cope rearrangements [Poster Presentation]. TCH Science Days, Austria. <https://doi.org/10.34726/8482>

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104 Chemie

Oleinik, E., Teuschl-Woller, A. H., Külekci, B., & Thurner, P. J. (2024, March). EFFECT OF CYCLIC LOADING ON CELL SURVIVAL AND PROLIFERATION IN TISSUE ENGINEERED TENDON CONSTRUCTS [Poster Presentation]. 1st TENET COST Action General Meeting & Conference, Salzburg, Austria. <http://hdl.handle.net/20.500.12708/210379>

[Link](#)

203 Maschinenbau

211 Andere Technische Wissenschaften

305 Andere Humanmedizin, Gesundheitswissenschaften

Hofer, M. (2024, November 14). HeAD – High performance electrical Austrian Drivetrain, a highly integrated and high-speed electric axle [Poster Presentation]. 19th A3PS Conferece Eco-Mobility 2024, Wien, Austria.

[Link](#)

202 Elektrotechnik, Elektronik, Informationstechnik

Chen, J., Hatschka, C., & Simola, S. H. E. (2024, December 11). Multi-Winner Reconfiguration [Poster Presentation]. 38th Annual Conference on Neural Information Processing Systems, Vancouver, Canada. <http://hdl.handle.net/20.500.12708/210385>

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101 Mathematik

102 Informatik

De Chiffre, L., Polita, G., & Technische Universität Wien Wien, F. für A. und R., Institut für Architektur und Entwerfen, Abteilung für Hochbau und Entwerfen |. E253-4. (2024, June 26). Life Without Building - Hidden Gardens in Triest [Poster Presentation]. Life Without Building - Hidden Gardens in Triest, Austria.

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604 Kunstwissenschaften

Khodabakhshi, F., Wodak, I., Yakymovych, A., Wilde, G., & Khatibi Damavandi, G. (2024, March 19). Interaction of reactive Fe-nanoparticles with the intermetallic compounds (IMC) layer during reflow soldering solidification [Poster Presentation]. 87. Jahrestagung der DPG und DPG-Frühjahrstagung, Berlin, Germany. <http://hdl.handle.net/20.500.12708/210406>

[Link](#)

103 Physik, Astronomie

104 Chemie

Hotzy, P., Boguslavski, K., & Backfried, L. (2024, August 27). Evidence for a transport peak affecting heavy-quark diffusion in 2+1D gluonic plasmas [Poster Presentation]. Strong and Electro-Weak Matter 2024, Germany. <http://hdl.handle.net/20.500.12708/210458>

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103 Physik, Astronomie

Benedetti, F., Saghaei, T., van Oostrum, P., & Bianchi, E. (2024). Data Driven Inference of Colloidal Interactions [Poster Presentation]. 12th Liquid Matter Conference, Mainz, Germany. <http://hdl.handle.net/20.500.12708/210226>

[Link](#)

103 Physik, Astronomie

Köppel, D., Markler, C., Jakubek, S., & Hametner, C. (2024, November 14). Highly Dynamic & Decoupling Fuel Cell Testbed Control [Poster Presentation]. 19th International A3PS Conference Eco-Mobility 2024, Wien, Austria.

[Link](#)

203 Maschinenbau

Eisele, L., Piotrowska, J. A., Stigel, K., Weiser, M., & Bica, K. (2024, May 3). THE ERC PROJECT CARBOFLOW [Poster Presentation]. MECS Kick-Off, Austria. <http://hdl.handle.net/20.500.12708/210521>

[Link](#)

104 Chemie

204 Chemische Verfahrenstechnik

301 Medizinisch-theoretische Wissenschaften, Pharmazie

Bartlechner, J., Jakubek, S., & Hametner, C. (2024, February 21). PEM FUEL CELLS - Observing degradation during dynamic operation [Poster Presentation]. 1st Science Day of the Faculty of Mechanical and Industrial Engineering, Austria. <http://hdl.handle.net/20.500.12708/210225>

[Link](#)

202 Elektrotechnik, Elektronik, Informationstechnik

203 Maschinenbau

Biswas, T., Kahl, G., & Shrivastav, G. P. (2024, September 23). Dynamics of non-equilibrium phase separation in an asymmetric mixture of ultrasoft particles under shear [Poster Presentation]. 12th Liquid Matter Conference, Mainz, Germany. <http://hdl.handle.net/20.500.12708/210240>

[Link](#)

103 Physik, Astronomie

Eisele, L., Hulaj, B., Cherevan, A., Eder, D., & Bica, K. (2024, October 21). PHOTOCATALYTIC CO₂ REDUCTION ASSISTED BY IONIC LIQUIDS [Poster Presentation]. MECS Retreat 2024, Waidhofen an der Ybbs, Austria. <http://hdl.handle.net/20.500.12708/210524>

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104 Chemie

204 Chemische Verfahrenstechnik

301 Medizinisch-theoretische Wissenschaften, Pharmazie

Lösch, M., Fallmann, M., Jakubek, S., & Kozek, M. (2024, February 21). Energy-Efficient Refrigerated Vehicles [Poster Presentation]. 1st Faculty Science Day of the Faculty of Mechanical and Industrial Engineering, Wien, Austria. <http://hdl.handle.net/20.500.12708/210525>

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203 Maschinenbau

Gazizov, I., Pinto, D., Moser, H., & Lendl, B. (2024, September 19). Absorption and Dispersion: In Search of a Versatile Spectroscopic Technique [Poster Presentation]. FLAIR 2024, Assisi, Italy. <http://hdl.handle.net/20.500.12708/210551>

[Link](#)

103 Physik, Astronomie

104 Chemie

Brnic, I., Mahler, R., Reider, J., & McGregor Smith, J. (2024, March 21). Sacred Modernity [Poster Presentation]. Vernissage, Austria.

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201 Bauwesen

604 Kunstwissenschaften

Walk, A. V., Weiss, B., & Wukovits, W. (2024, February 28). Detailed Unit Operation Modelling for

Flowsheeting for CO2 reduction [Poster Presentation]. 5th FemChem Scientific Workshop, Wien, Austria. <http://hdl.handle.net/20.500.12708/210519>

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204 Chemische Verfahrenstechnik

207 Umweltingenieurwesen, Angewandte Geowissenschaften

211 Andere Technische Wissenschaften

Walk, A. V., Weiss, B., & Wukovits, W. (2024). Dynamic Modeling of a Sinter Strand for Enhanced Process Simulation [Poster Presentation]. 1st Early Stage Combustion Researcher Workshop, Wien, Austria. <http://hdl.handle.net/20.500.12708/210522>

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204 Chemische Verfahrenstechnik

207 Umweltingenieurwesen, Angewandte Geowissenschaften

211 Andere Technische Wissenschaften

Derx, J., Pölz, A., Blaschke, A., Farnleitner, A., Demeter, K., Blöschl, G., Stevenson, M., & Bauer, H. (2024, December 9). Improving the interpretability of alpine karst spring discharge and water quality forecasts. [Poster Presentation]. Improving the interpretability of alpine karst spring discharge and water quality forecasts., United States of America (the). <http://hdl.handle.net/20.500.12708/210584>

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105 Geowissenschaften

201 Bauwesen

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Schweidler, V., & Kahl, G. (2024, November 15). Cluster-formation in a binary mixture of ultrasoft particles [Poster Presentation]. Vienna Soft Matter Day, Austria. <http://hdl.handle.net/20.500.12708/210622>

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103 Physik, Astronomie

Dubey, S., Kazakov, G., Zhou, S., Bennetts, S., Heizenreder, B., Famà, F., Beli Silva, C., & Schreck, F. (2024, June 27). Design and simulation of continuously-operating superradiant laser on 1S0 - 3P0 transition of neutral strontium [Poster Presentation]. 37th European Frequency and Time Forum, Neuchatel, Switzerland. <https://doi.org/10.34726/8519>

[Link](#)

103 Physik, Astronomie

Jakovic, H., Gentile, A., Garcia de Otazo Hernandez, D., Ying, L., Untersmayr, E., & Ret, D. (2024, February 15). Covalent protein immobilization on modified cellulose for N-glycan purification [Poster Presentation]. 27th Austrian Carbohydrate Workshop, Graz, Austria. <https://doi.org/10.34726/8526>

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104 Chemie

204 Chemische Verfahrenstechnik

301 Medizinisch-theoretische Wissenschaften, Pharmazie

Garcia de Otazo Hernandez, D., Gentile, A., Lisa Ying, Jakovic, H., Untersmayr, E., & Ret, D. (2024, February 15). A robust quantification method of sialic acids and AGES precursors [Poster Presentation]. 27th Austrian Carbohydrate Workshop (2024), Graz, Austria. <https://doi.org/10.34726/8520>

[Link](#)

104 Chemie

301 Medizinisch-theoretische Wissenschaften, Pharmazie

305 Andere Humanmedizin, Gesundheitswissenschaften

Ying, L., Gentile, A., Garcia de Otazo Hernandez, D., Jakovic, H., Untersmayr, E., Gritsch, P., & Ret, D. (2024, February 15). Edible Bird's Nest: N-Glycosylation pattern and quantitative analysis of Sialic Acid

[Poster Presentation]. 27th Austrian Carbohydrate Workshop (2024), Graz, Austria. <http://hdl.handle.net/20.500.12708/210783>

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104 Chemie

106 Biologie

301 Medizinisch-theoretische Wissenschaften, Pharmazie

Waclawek, J. P., Moser, H., & Lendl, B. (2024, December 5). Balanced-Detection Interferometric Cavity-Assisted Photothermal Spectroscopy for Compact Trace Gas Sensing [Poster Presentation]. 19. Herbstkolloquium Prozessanalytik, Darmstadt, Germany. <http://hdl.handle.net/20.500.12708/210935>

[Link](#)

103 Physik, Astronomie

104 Chemie

Kopinski-Grünwald, O., Schandl, S., Gusev, J., & Ovsianikov, A. (2024, November 12). Surface Modification of Polyester-based Microscaffolds: Towards the Biofunctionalization in the Third Strategy of Tissue Engineering [Poster Presentation]. Biofabrication, Fukuoka, Japan. <http://hdl.handle.net/20.500.12708/210567>

[Link](#)

203 Maschinenbau

205 Werkstofftechnik

Schandl, S., Osondu-Chuka, G., Franconi, F., Lemaire, L., Durand-Chatton, G., Reimhult, E., & Ovsianikov, A. (2024, November 13). Acetylated Alginate: New Insights into the main Matrix Component of *Pseudomonas aeruginosa*'s Biofilm [Poster Presentation]. Biofabrication 2024, Fukuoka, Japan. <http://hdl.handle.net/20.500.12708/210824>

[Link](#)

103 Physik, Astronomie

104 Chemie

301 Medizinisch-theoretische Wissenschaften, Pharmazie

Hahn, R., Kolozsvari, S., Polcik, P., Jerg, C., & Riedl-Tragenreif, H. (2024, May 23). The Influence of Cantilever Geometry on the Measured Fracture Toughness of Hard Coatings [Poster Presentation]. 50th International Conference on Metallurgical Coatings and Thin Films (ICMCTF 2024), San Diego, United States of America (the). <http://hdl.handle.net/20.500.12708/210688>

[Link](#)

203 Maschinenbau

205 Werkstofftechnik

Hahn, R., Janknecht, R., Koutna, N., Todt, J., Meindlhumer, M., Davydok, A., Polcik, P., Kolozsvari, S., Jerg, C., Keckes, J., Mayrhofer, P. H., & Riedl-Tragenreif, H. (2024, October 9). Measuring Thin Film Elastic Constants using Combined X-ray Microdiffraction and Micromechanical Testing [Poster Presentation]. Nanomechanical Testing in Materials Research and Development IX, Messina, Italy. <http://hdl.handle.net/20.500.12708/210986>

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203 Maschinenbau

205 Werkstofftechnik

Ramizi, M., Kirnbauer, J., & Robisson, A. (2024, April 4). Herstellung eines CO₂-reduzierten (oder sogar negativen) Betons: Einfluss des Biokohlegehalts auf die Frisch- und Festbetoneigenschaften [Poster Presentation]. 24. Österreichischer Klimatag, Wien, Austria. <http://hdl.handle.net/20.500.12708/210993>

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201 Bauwesen

205 Werkstofftechnik

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Svoboda, P. (2024, October 9). Digital Twin assisted AI for sustainable Radio Access Networks [Poster Presentation]. Blickpunkt Forschung 2024: „KI in der Anwendung @ TU Wien“, Wien, Austria. <http://hdl.handle.net/20.500.12708/210974>

[Link](#)

202 Elektrotechnik, Elektronik, Informationstechnik

Möller, G., Medic, T., Aichinger-Rosenberger, M., Schmid, L., Wieser, A., & Rothacher, M. (2024, April 2). Alpines Messlabor zur Untersuchung und Validierung von lokalen Massenbewegungen [Poster Presentation]. 24. Österreichischer Klimatag (2024, Wien), Wien, Austria. <http://hdl.handle.net/20.500.12708/210846>

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107 Andere Naturwissenschaften

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Haberle, V., Bailey, R. L., Möstl, C., Weiler, E., Amersdorfer, U., Amersdorfer, T., Pfoser, A., Schornböck, P., Schachinger, P., Nakamura, R., Hyangpyo, K., Fischer, D., Latocha, M., Krauss, S., Fröhlich, A., Möller, G., Pötzi, W., Temmer, M., & Leonhardt, R. (2024, November 7). Space Weather Observations, Forecasts and Impacts in Austria during the May 2024 event [Poster Presentation]. European Space Weather Week, Coimbra, Portugal. <http://hdl.handle.net/20.500.12708/210832>

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105 Geowissenschaften

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Rousseau, G., Pellerin, N., Fond, B., & Blanckaert, K. (2024, April 16). Temperature imaging of density currents using phosphor micrometric particles [Poster Presentation]. European Geoscience Union 2024, Wien, Austria. <https://doi.org/10.5194/egusphere-egu24-14658>

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105 Geowissenschaften

201 Bauwesen

207 Umweltingenieurwesen, Angewandte Geowissenschaften

Kählig, P., Ipsmiller, W., Bartl, A., & Lederer, J. (2024, April 24). Zusammensetzung der Alttetxilien in Wien [Poster Presentation]. Österreichische Abfallwirtschaftstagung 2024, Wien, Austria. <http://hdl.handle.net/20.500.12708/211098>

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106 Biologie

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209 Industrielle Biotechnologie

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