

online	article title	CC licence	DOI link	corresp. author	journal	publisher	ISSN/ISSBN
1/3/2024	Physiological workload assessment for highly flexible fine-motory assembly tasks using machine learning	CC BY	https://doi.org/10.1016/j.cie.2023.109859	Brillinger, Markus	Computers and Industrial Engineering	Elsevier	0360-8352
1/3/2024	CO2-based production of phytase from highly stable expression plasmids in <i>Cupriavidus necator</i> H16	CC BY	https://doi.org/10.1186/s12934-023-02280-2	Emmerstorfer-Augustin, Anita	Microbial Cell Factories	Springer Nature	1475-2859
1/3/2024	Experimental Prediction Method of Free-Field Sound Emissions using the Boundary Element Method and Laser Scanning Vibrometry	CC BY	https://doi.org/10.3390/acoustics6010004	Wurzinger, Andreas	Acoustics	Multidisciplinary Digital Publishing Institute (MDPI)	2624-599X
1/5/2024	Symmetric-Reciprocal-Match Method for Vector Network Analyzer Calibration	CC BY	https://ieeexplore.ieee.org/document/10381862	Hatab, Ziad	IEEE Transactions on Instrumentation and Measurement	IEEE	1557-9662
1/6/2024	Length-Scale Dependent Ion Dynamics in Ca-Doped Na3PS4	CC BY	https://doi.org/10.1021/acs.chemmater.3c02874	Hogrefe, Katharina	Chemistry of Materials	American Chemical Society	1520-5002
1/6/2024	Processing understanding, mechanical durability and hygrothermal stability of PC/AA6061 hybrid joints produced via injection overmolding	CC BY	https://doi.org/10.1016/j.ijadhadh.2023.103617	Marcatto de Oliveira, Gean Henrique	International Journal of Adhesion and Adhesives	Elsevier	1879-0127
1/8/2024	Human sterols are overproduced, stored and excreted in yeasts.	CC BY	https://doi.org/10.3390/ijms25020781	Emmerstorfer-Augustin, Anita	International Journal of Molecular Sciences	Multidisciplinary Digital Publishing Institute (MDPI)	1422-0067
1/10/2024	Influence of the IC power supply and decoupling capacitor arrangement on the electromagnetic emission	CC BY	https://doi.org/10.1007/s00502-023-01200-x	Deutschmann, Bernd	e & i Elektrotechnik und Informationstechnik	Springer Nature	1613-7620

online	article title	CC licence	DOI link	corresp. author	journal	publisher	ISSN/ISSBN
1/10/2024	A modular and scalable system for electromagnetic compatibility testing of integrated circuits	CC BY	https://doi.org/10.1007/s00502-023-01199-1	Kircher, Daniel	e & i Elektrotechnik und Informationstechnik	Springer Nature	1613-7620
1/12/2024	Potential Dam Breach Flood Assessment with 2D Diffusion and Full Dynamic Wave Equation using HEC-RAS	CC BY	https://doi.org/10.3390/w16020277	Pandey, Binaya	Water	Multidisciplinary Digital Publishing Institute (MDPI)	2073-4441
1/15/2024	Full-bandwidth anisotropic Migdal-Eliashberg theory and its application to superhydrides	CC BY	https://doi.org/10.1038/s42005-024-01528-6	Heil, Christoph	Communications Physics	Springer Nature	2399-3650
1/16/2024	Enhancing the performance of open geothermal tunnelwater systems by heat absorber	CC BY	https://doi.org/10.1016/j.tust.2024.105591	Geisler, Thomas	Tunnelling and Underground Space Technology	Elsevier	1878-4364
1/17/2024	Electromagnetic emission of integrated circuits induced by ionizing radiation and its measurement uncertainties	CC BY	https://doi.org/10.1007/s00502-023-01202-9	Czepl, Nikolaus	e & i Elektrotechnik und Informationstechnik	Springer Nature	1613-7620
1/17/2024	Fast Li ion dynamics in defect-rich nanocrystalline Li4PS4I - the effect of disorder on activation energies and attempt frequencies	CC BY	https://pubs.acs.org/doi/10.1021/acs.chemmater.3c02988	Wilkening, Martin	Chemistry of Materials	American Chemical Society	1520-5002
1/18/2024	Effect of angular distortion and axial misalignment on the fatigue strength of welded and ground mild steel cruciform joints	CC BY	https://doi.org/10.1007/s40194-023-01669-2	Laher, Benjamin	Welding in the World	Springer Nature	1878-6669
1/18/2024	The impact of light conditions on neural affect classification: A deep learning approach	CC BY	https://doi.org/10.3390/make6010011	Wriessnegger, Selina	Machine Learning and Knowledge Extraction	Multidisciplinary Digital Publishing Institute (MDPI)	2504-4990
1/19/2024	Dynamic recrystallisation in Inconel®718 at creep conditions	CC BY	https://doi.org/10.1016/j.msea.2024.146146	Poletti, Maria Cecilia	Materials Science and Engineering: A	Elsevier	0921-5093

online	article title	CC licence	DOI link	corresp. author	journal	publisher	ISSN/ISSBN
1/20/2024	A fundamental concept for linking methods, system models, and specific models	CC BY	https://doi.org/10.1007/s42452-024-05651-5	Faustmann, Clemens	Discover Applied Sciences	Springer	3004-9261
1/20/2024	Machine learned force-fields for an Ab-initio quality description of metal-organic frameworks	CC BY	https://doi.org/10.1038/S41524-024-01205-W	Zojer, Egbert	npj Computational Materials	Springer Nature	2057-3960
1/21/2024	Sweet Side Streams: Sugar Beet Pulp as Source for High-Performance Supercapacitor Electrodes	CC BY	https://doi.org/10.1021/acsomega.3c07976	Spirk, Stefan	ACS Omega	American Chemical Society	2470-1343
1/22/2024	Cell-free reduction of carboxylic acids with secreted carboxylic acid reductase	CC BY	https://doi.org/10.1016/j.jbiotec.2024.01.008	Winkler, Margit	Journal of Biotechnology	Elsevier	0168-1656
1/24/2024	Loop 6 and the β -hairpin flap are structural hotspots that determine cofactor specificity in the FMN-dependent family of ene-reductases	CC BY	https://doi.org/10.1111/febs.17055	Macheroux, Peter	The FEBS Journal	Wiley-Blackwell	1742-4658
1/24/2024	End-to-End Compressed Meshlet Rendering	CC BY-NC	https://doi.org/10.1111/cgf.15002	Schmalstieg, Dieter	Computer Graphics Forum	Wiley-Blackwell	1467-8659
1/25/2024	Rhizosphere assembly alters along a chronosequence in the Hallstätter glacier forefield (Dachstein, Austria)	CC BY	https://doi.org/10.1093/femsec/fiae005	Wicaksono, Wisnu Adi	FEMS Microbiology Ecology	Oxford University Press	1574-6941
1/26/2024	Carrier-based immobilization of <i>Aerococcus viridans</i> l-lactate oxidase	CC BY	https://doi.org/10.1016/j.jbiotec.2024.01.011	Nidetzky, Bernd	Journal of Biotechnology	Elsevier	0168-1656
1/31/2024	What is Diminished Virtuality? A Directional and Layer-Based Taxonomy for the Reality-Virtuality Continuum	CC BY	https://xr.jmir.org/2024/1/e52904/	Egger, Jan	JMIR XR and Spatial Computing Journal	JMIR Publications Inc.	n/a

online	article title	CC licence	DOI link	corresp. author	journal	publisher	ISSN/ISSBN
1/31/2024	Enhancing LiDAR reliability through utilisation of premium road marking materials	CC BY	https://ieeexplore.ieee.org/document/10417138	Zhao, Yongqi	choder	IEEE	1558-1748
2/1/2024	A framework for embedded software portability and verification: from formal models to low-level cod	CC BY	https://doi.org/10.1007/s10270-023-01144-y	Baunach, Marcel	Software and Systems Modeling	Springer Nature	1619-1366
2/1/2024	Modeling Anisotropic Electrical Conductivity of Blood: Translating Microscale Effects of Red Blood Cells Motion to a Macroscale Property of Blood	CC BY	https://doi.org/10.3390/bioengineering11020147	Jafarinaia, Alireza	Bioengineering	Multidisciplinary Digital Publishing Institute (MDPI)	2306-5354
2/2/2024	Numerical parameter sensitivity analysis of residual stresses induced by deep rolling for a 34CrNiMo6 steel railway axle	CC BY	https://doi.org/10.1007/s00170-024-13039-3	Pertoll, Tobias	The International Journal of Advanced Manufacturing Technology	Springer Nature	1433-3015
2/2/2024	Engineering approach for determining the mechanical behavior of thin welds	CC BY-NC-ND	https://doi.org/10.1016/j.rineng.2024.101799	Silvayeh, Zahra	Results in Engineering	Elsevier	2590-1230
2/6/2024	Wind-driven natural ventilation of cubic buildings in rural and suburban areas	CC BY	https://doi.org/10.1016/j.jobe.2024.108740	Irrenfried, Christoph	Journal of Building Engineering	Elsevier	2352-7102
2/6/2024	Mechanochemical coupling of catalysis and motion in a cellulose-degrading multienzyme nanomachine	CC BY	https://doi.org/10.1021/acscatal.3c05653	Nidetzky, Bernd	ACS Catalysis	American Chemical Society	2155-5435
2/6/2024	Single-molecular diffusivity and multiple jumps of large organic molecules: CoPc on Ag(001)	CC BY	https://doi.org/10.3389/fchem.2024.1355350	Tamtögl, Anton	Frontiers in Chemistry	Frontiers Media S.A.	2296-2646
2/6/2024	Learning and Repair of Deep Reinforcement Learning Policies from Fuzz-Testing Data	CC BY	https://doi.org/10.1145/3597503.3623311	Tappler, Martin	2024 IEEE/ACM 46th International Conference on Software Engineering	IEEE / ACM	979-8-4007-0217-4

online	article title	CC licence	DOI link	corresp. author	journal	publisher	ISSN/ISSBN
2/6/2024	It's Not a Feature, It's a Bug: Fault-Tolerant Model Mining from Noisy Data	CC BY	https://doi.org/10.1145/3597503.3623346	Wallner, Felix	2024 IEEE/ACM 46th International Conference on Software Engineering	IEEE / ACM	979-8-4007-0217-4
2/7/2024	Kinetic Trapping of Charge-Transfer Molecules at Metal Interface	CC BY	https://doi.org/10.1021/acs.jpcc.3c08262	Hofmann, Oliver	The Journal of Physical Chemistry C	American Chemical Society	1932-7447
2/8/2024	A note on the width of sparse random graphs	CC BY	https://doi.org/10.1002/jgt.23081	Erde, Joshua	Journal of Graph Theory	Wiley-Blackwell	0364-9024
2/8/2024	Additional experiments required: A scoping review of recent evidence on key aspects of Open Peer Review	CC BY	https://doi.org/10.1093/reseval/rvae004	Ross-Hellauer, Tony	Research Evaluation	Oxford University Press	1471-5449
2/9/2024	Influence of shear reinforcement on the shear cracking and shear resistance of simply supported beams subjected to concentrated loads and cantilevers subjected to uniformly distributed loads	CC BY	https://doi.org/10.1016/j.engstruct.2024.117613	Betschoga, Christoph	Engineering Structures	Elsevier	1873-7323
2/9/2024	Water as a Sustainable Leaching Agent for the Selective Leaching of Lithium from spent Lithium-Ion Batteries	CC BY	https://doi.org/10.1021/acsomega.3c07405	Lux, Susanne	ACS Omega	American Chemical Society	2470-1343
2/10/2024	Enhancing flood event predictions: Multi-objective calibration using gauge and satellite data	CC BY	https://doi.org/10.1016/j.jhydrol.2024.130879	Gegenleithner, Sebastian	Journal of Hydrology	Elsevier	0022-1694
2/10/2024	A multiscale viscoelastic fiber dispersion model for strain rate-dependent behavior of planar fibrous	CC BY	https://doi.org/10.1016/j.jmps.2024.105572	Holzapfel, Gerhard	Journal of the Mechanics and Physics of Solids	Elsevier	1873-4782
2/11/2024	On the Suitability of Checked Coverage and Genetic Parameter Tuning in Test Suite Reduction	CC BY	https://doi.org/10.1002/smr.2656	Koitz-Hristov, Roxane	Journal of Software: Evolution and Process	Wiley-Blackwell	2047-7481

online	article title	CC licence	DOI link	corresp. author	journal	publisher	ISSN/ISSBN
2/12/2024	Optical Signal Attenuation through Smog in Controlled Laboratory Conditions	CC BY	https://doi.org/10.3390/photronics11020172	Leitgeb, Erich	Photonics	Multidisciplinary Digital Publishing Institute (MDPI)	2304-6732
2/12/2024	Iterated Perturbation Theory for Mott Insulators in a Static Electric Field with Optical Phonons	CC BY	https://doi.org/10.1002/pssb.202300486	Mazzocchi, Tommaso	physica status solidi (b) basic solid state physics	Wiley-Blackwell	0370-1972
2/12/2024	Plasma wire arc additive manufacturing and its influence on high-carbon steel substrate properties	CC BY	https://doi.org/10.1007/s40194-024-01717-5	Moschinger, Matthias	Welding in the World	Springer Nature	1878-6669
2/12/2024	Limits of Non-invasive Enzymatic Activation by Local Temperature Control	CC BY	https://doi.org/10.1002/smll.202312220	Nidetzky, Bernd	Small	Wiley-Blackwell	1613-6810
2/12/2024	Few-Cycle Surface Plasmon Polaritons	CC BY	https://doi.org/10.1021/acs.nanolett.3c04991	Schultze, Martin	Nano Letters	American Chemical Society	1530-6984
2/12/2024	An adaptive finite element method for distributed elliptic optimal control problems with variable energy regularization	CC BY	https://doi.org/10.1016/j.camwa.2024.02.006	Steinbach, Olaf	Computers and Mathematics with Applications	Elsevier	0898-1221
2/13/2024	Shared governance in the plant holobiont and implications for one health	CC BY	https://doi.org/10.1093/femsec/fiae004	Berg, Gabriele	FEMS Microbiology Ecology	Oxford University Press	1574-6941
2/13/2024	Solvent screening for the extraction of aromatic aldehydes	CC BY	https://doi.org/10.1016/j.seppur.2024.126780	Kienberger, Marlene	Separation and Purification Technology	Elsevier	1873-3794
2/13/2024	Aldehyde Reductase Activity of Carboxylic Acid Reductases	CC BY	https://doi.org/10.1002/cbic.202400121	Winkler, Margit	ChemBioChem	Wiley-Blackwell	1439-7633
2/15/2024	Metasurface-controlled holographic microcavities	CC BY	https://doi.org/10.1021/acsphotonics.3c01479	Ossiander, Marcus	ACS Photonics	American Chemical Society	2330-4022

online	article title	CC licence	DOI link	corresp. author	journal	publisher	ISSN/ISSBN
2/15/2024	The effect of thermomechanical welding on the microstructure and mechanical properties of S700MC steel welds	CC BY	https://doi.org/10.1007/s40194-024-01711-x	Wang, Peng	Welding in the World	Springer Nature	1878-6669
2/15/2024	Polyharmonic potential theory on the Poincaré disk	CC BY	https://doi.org/10.1016/j.jfa.2024.110362	Woess, Wolfgang	Journal of Functional Analysis	Elsevier	1096-0783
2/16/2024	A numerical model for chemo-thermo-mechanical coupling at large strains with an application to thermoresponsive hydrogels	CC BY	https://doi.org/10.1007/s00466-024-02443-x	Ulz, Manfred	Computational Mechanics	Springer Nature	1432-0924
2/19/2024	Synthesis and Photochemistry of Tris(trimethoxysilyl)acylsilanes and 1,4-Tetrakis(silyl)-1,4-bisacylsilanes	CC BY	https://doi.org/10.1021/acs.organomet.3c00531	Haas, Michael	Organometallics	American Chemical Society	1520-6041
2/20/2024	Facilitating the Learning Engineering Process for Educational Conversational Modules using Transformer-based Language Models	CC BY	https://doi.org/10.1109/TLT.2024.3367738	Mirzababaei, Behzad	IEEE Transactions on Learning Technologies	IEEE	1939-1382
2/21/2024	Stability increase of phenolic acid decarboxylase by a combination of protein and solvent engineering unlocks applications at elevated temperatures	CC BY	https://doi.org/10.1021/acssuschemeng.3c06513	Kourist, Robert	ACS Sustainable Chemistry & Engineering	American Chemical Society	2168-0485
2/22/2024	Multimodal experimental studies of the passive mechanical behavior of human aortas: current approaches and future directions	CC BY	https://doi.org/10.1016/j.actbio.2024.02.026	Holzapfel, Gerhard	Acta Biomaterialia	Elsevier	1878-7568
2/22/2024	Three-dimensional distribution of individual atoms in the channels of beryl	CC BY	https://doi.org/10.1038/S43246-024-00458-8	Knez, Daniel	Communications Materials	Springer Nature	2662-4443
2/23/2024	Tunable self-referenced molecular thermometers via manipulation of dual emission in platinum(II) pyridinedipyrroloide complexes	CC BY	https://doi.org/10.1021/acsami.3c19226	Borisov, Sergey	ACS Applied Materials and Interfaces	American Chemical Society	1944-8252

online	article title	CC licence	DOI link	corresp. author	journal	publisher	ISSN/ISSBN
2/23/2024	Incidental Data: A Survey Towards Awareness on Privacy Compromising Data Incidentally Shared on Social Media	CC BY	https://doi.org/10.3390/jcp4010006	Kutschera, Stefan	Journal of Cybersecurity and Privacy	Multidisciplinary Digital Publishing Institute (MDPI)	2624-800X
2/24/2024	Icephobic gradient polymer coatings deposited via iCVD: A novel approach for icing control and mitigation	CC BY	https://doi.org/10.1021/acsami.3c18630	Coclite, Anna	ACS Applied Materials and Interfaces	American Chemical Society	1944-8252
2/24/2024	Eddy Current Position Measurement in Harsh Environments - A Temperature Compensation and Calibration Approach	CC BY	https://doi.org/10.3390/s24051483	Gruber, Gabriel	Sensors	Multidisciplinary Digital Publishing Institute	1424-8220
2/26/2024	Knowledge-based Recommender Systems: Overview and Research Directions	CC BY	https://doi.org/10.3389/fdata.2024.1304439	Felfernig, Alexander	Frontiers in Big Data	Frontiers Media S.A.	2624-909X
2/28/2024	Enhancing time series aggregation for power system optimization models: Incorporating network and ramping constraints	CC BY	https://doi.org/10.1016/j.eprs.2024.110267	Cordana-Vasquez, David	Electric Power Systems Research	Elsevier	1873-2046
2/28/2024	Microstructure development in lacustrine, fine-grained sediments traced by in situ and laboratory testing	CC BY	https://doi.org/10.1007/s13762-024-05464-4	Oberhollenzer, Simon	International Journal of Environmental Science and Technology	Springer	1735-2630
2/28/2024	First Measurement Campaign by a Multi-Sensor Robot for the Lifecycle Monitoring of Transformers	CC BY	https://doi.org/10.3390/en17051152	Pestana, Jesús	Energies	Multidisciplinary Digital Publishing Institute	1996-1073
2/29/2024	Tuning the electrostatic energy landscape within the pores of covalent organic frameworks: post-synthetic modification reactions and structural imperfections	CC BY	https://doi.org/10.1039/D3TA06996F	Zojer, Egbert	Journal of Materials Chemistry A	Royal Society of Chemistry	2050-7496
3/1/2024	Dataset of directional room impulse responses for realistic speech data	CC BY-NC	https://doi.org/10.1016/j.dib.2024.110229	Fragner, Stefan	Data in Brief	Elsevier	2352-3409

online	article title	CC licence	DOI link	corresp. author	journal	publisher	ISSN/ISSBN
3/3/2024	Fractionation of wood due to industrial chipping: effects and potential for kraft pulping of European spruce	CC BY	https://doi.org/10.1007/s10570-024-05804-0	Hirn, Ulrich	Cellulose	Springer Nature	1572-882X
3/5/2024	Comparison of CRISPR-MAD7 and CRISPR-Cas9 for gene disruptions in <i>Komagataella phaffii</i>	CC BY	https://doi.org/10.3390/jof10030197	Smirnov, Kirill	Journal of Fungi	Multidisciplinary Digital Publishing Institute (MDPI)	2309-608X
3/5/2024	Predicting Spin-Dependent Phonon Band Structures of HKUST-1: Density Functional Theory vs. Machine-Learned Interatomic Potentials	CC BY	https://doi.org/10.3390/ijms25053023	Zojer, Egbert	International Journal of Molecular Sciences	Multidisciplinary Digital Publishing Institute	1422-0067
3/6/2024	Thermal cycling effects on the local microstructure and mechanical properties in wire-based directed energy deposition of nickel-based superalloy	CC BY	https://doi.org/10.1016/j.addma.2024.104066	Pixner, Florian	Additive Manufacturing	Elsevier	2214-8604
3/7/2024	Attribution of Work in Programming Teams with Git Reporter	CC BY	https://doi.org/10.1145/3626252.3630785	Karakas, Aleksandar	Proceedings of the 55th ACM Technical Symposium on Computer Science Education V. 1	ACM	979-8-4007-0423-9
3/8/2024	A brominated M3 based non-fullerene acceptor: synthesis, material and photovoltaic properties	CC BY	https://doi.org/10.1039/D3NJ05560D	Rath, Thomas	New Journal of Chemistry	Royal Society of Chemistry	1369-9261
3/8/2024	At-line monitoring of hydrogen peroxide released from its photocatalytic and continuous synthesis	CC BY-NC	https://doi.org/10.1039/D3RE00659J	Mayr, Torsten	Reaction Chemistry and Engineering	Royal Society of Chemistry	2058-9883
3/11/2024	A five-year analysis of ground truth data for positive flashes	CC BY-NC	https://doi.org/10.1016/j.epr.2024.10307	Schwalt, Lukas	Electric Power Systems Research	Elsevier	1873-2046
3/12/2024	Extraction of Mechanical Parameters via MD Simulation: Application to Polyimides	CC BY	https://doi.org/10.3390/polym16060813	Rosenauer, Philipp	Polymers	Multidisciplinary Digital Publishing Institute (MDPI)	2073-4360

online	article title	CC licence	DOI link	corresp. author	journal	publisher	ISSN/ISSBN
3/12/2024	Escaping Adversarial Attacks with Egyptian Mirrors	CC BY	https://doi.org/10.1145/3615593.3615724	Saukh, Olga	2nd ACM Workshop on Data Privacy and Federated Learning Technologies for Mobile Edge Network (FedEdge)	ACM	979-8-4007-0344-7
3/14/2024	Hydration of MgO - reaction kinetics and pH control on brucite crystal morphology	CC BY	https://doi.org/10.1021/acs.cgd.4c00243	Pettauer, Michael	Crystal Growth & Design	American Chemical Society	1528-7505
3/14/2024	Impacts on crash cushions – Analysis of the safety performance of passenger cars with improved safety equipment compared with test vehicles based on assessment criteria as defined in EN	CC BY	https://doi.org/10.3390/infrastructures9030059	Tomasch, Ernst	Infrastructures	Multidisciplinary Digital Publishing Institute (MDPI)	2412-3811
3/15/2024	Product of Gaussian Mixture Diffusion Models	CC BY	https://doi.org/10.1007/s10851-024-01180-3	Zach, Martin	Journal of Mathematical Imaging and Vision	Springer Nature	1573-7683
3/15/2024	How the Test Setup Can Affect Single Fiber Tensile Testing	CC BY	https://doi.org/10.1080/15440478.2024.2328264	Hirn, Ulrich	Journal of Natural Fibers	Taylor & Francis	1544-046X
3/15/2024	A benchmark case for aeroacoustic simulations involving fluid-structure-acoustic interaction transferred from the process of human phonation	CC BY	https://doi.org/10.1051/aacus/2024005	Schoder, Stefan	Acta Acustica	EDP Sciences	2681-4617
3/15/2024	Local prediction-learning in high-dimensional spaces enables neural networks to plan	CC BY	https://doi.org/10.1038/s41467-024-46586-0	Maass, Wolfgang	Nature Communications	Springer Nature	2041-1723
3/16/2024	Investigation of pre-cooling strategies for heavy-duty hydrogen refuelling	CC BY	https://doi.org/10.1016/j.ijhydene.2024.03.097	Klopčič, Nejc	International Journal of Hydrogen Energy	Elsevier	0360-3199
3/18/2024	Recent Progress in the Synthesis of α -Hydroxy Carbonyl Compounds with ThDP-dependent Carboligases	CC BY-NC	https://doi.org/10.1002/cctc.202301707	Winkler, Margit	ChemCatChem	Wiley-Blackwell	1867-3899

online	article title	CC licence	DOI link	corresp. author	journal	publisher	ISSN/ISSBN
3/19/2024	Active roles of lytic polysaccharide monoxygenases in human pathogenicity	CC BY	https://doi.org/10.1016/j.bbapap.2024.141012	Kracher, Daniel	Biochimica et Biophysica Acta: Proterins and Proteomics	Elsevier	1878-1454
3/19/2024	Experimental investigation of hydrogen enriched natural gas combustion with a focus on nitrogen oxide formation on a semi-industrial scale	CC BY	https://doi.org/10.1016/j.ijhydene.2024.03.190	Schwarz, Stefan	International Journal of Hydrogen Energy	Elsevier	0360-3199
3/20/2024	Multiscale computational modeling of arterial micromechanics: A review	CC BY	https://doi.org/10.1016/j.cma.2024.116916	Holzapfel, Gerhard	Computer Methods in Applied Mechanics and Engineering	Elsevier	1879-2138
3/20/2024	Reduced siderite ore combined with magnesium oxide as support material for Ni-based catalysts; an experimental study on CO2 methanation	CC BY	https://doi.org/10.3390/catal14030206	Suksumrit, Kamonrat	Catalysts	Multidisciplinary Digital Publishing Institute	2073-4344
3/20/2024	Benchmarking Combinations of Learning and Testing Algorithms for Automata Learning	CC BY	https://doi.org/10.1145/3605360	Tappler, Martin	Formal Aspects of Computing	ACM	1433-299X
3/21/2024	Bottom-up Synthesized Glucan Materials: Opportunities from Applied Biocatalysis	CC BY	https://doi.org/10.1002/adma.20240436	Nidetzky, Bernd	Advanced Materials	Wiley-Blackwell	0935-9648
3/22/2024	Orthogonal stimulation of structural transformations in photo-responsive MOF films by linker functionalization	CC BY-NC	https://doi.org/10.1039/D4CE00221K	Amenitsch, Heinz	CrystEngComm	Royal Society of Chemistry	1466-8033
3/23/2024	Optimal and typical L^2 discrepancy of 2-dimensional lattices	CC BY	https://doi.org/10.1007/s10231-024-01440-4	Borda, Bence	Annali di Matematica Pura ed Applicata	Springer Nature	1618-1891
3/23/2024	A Case Study on Advanced CPT Data Interpretation: From Stratification to Soil Parameters	CC BY	https://doi.org/10.1007/s10706-024-02774-9	Marzouk, Islam	Geotechnical and Geological Engineering	Springer Nature	1573-1529
3/23/2024	Active model learning of stochastic reactive systems (extended version)	CC BY	https://doi.org/10.1007/s10270-024-01158-0	Tappler, Martin	Software and Systems Modeling	Springer Nature	1619-1366

online	article title	CC licence	DOI link	corresp. author	journal	publisher	ISSN/ISSBN
3/24/2024	Dynamics-driven allosteric stimulation of diguanylate cyclase activity in a red light regulated phytochrome	CC BY	https://doi.org/10.1016/j.jbc.2024.107217	Winkler, Andreas	Journal of Biological Chemistry	Elsevier	1083-351X
3/25/2024	Triethylene Glycol as Entrainer for 1-Propanol + Water Mixtures: Vapor-Liquid Equilibria, Excess Enthalpies and Excess Gibbs Energy Model Parameters	CC BY	https://doi.org/10.1021/acs.jced.3c00764	Wallek, Thomas	Journal of Chemical & Engineering Data	American Chemical Society	1520-5134
3/26/2024	Analysis of per- and polyfluoroalkyl substances (PFAS) in raw materials intended for the production of paper-based food contact materials – Evaluating LC-MS/MS versus total fluorine and extractable organic fluorine	CC BY	https://doi.org/10.1080/19440049.2024.2332334	Jovanovic, Milica	Food Additives & Contaminants: Part A	Taylor & Francis	1944-0057
3/27/2024	Multi-level and Metrics Evaluation Approach for Data-Driven Based Sensor Models	CC BY	https://doi.org/10.1007/s42154-023-00275-8	Li, Hexuan	Automotive Innovation	Springer Nature	2522-8765
3/28/2024	Evaluation of the point sampling method and inter-comparison of remote emission sensing systems for screening real-world car emissions	CC BY	https://doi.org/10.1016/j.scitotenv.2024.171710	Knoll, Markus	Science of The Total Environment	Elsevier	1879-1026
3/29/2024	Measurement and Analysis of Brake and Tyre Particle Emissions from Automotive Series Components for High-Load Driving Tests on a Wheel and Suspension Test Bed	CC BY	https://doi.org/10.3390/atmos15040430	Kupper, Martin	Atmosphere	Multidisciplinary Digital Publishing Institute (MDPI)	2073-4433