

**Open Access-Publikationsfonds 2021-2022**  
Stand: 30.06.2023 (kostenneutrale Verlängerung)

<b>Titel</b>	<b>DOI</b>	<b>Zeitschrift</b>	<b>Verlag</b>
(R)-Baclofen ((R)-4-Amino-3-(4-chlorophenyl)butanoicacid)	10.1107/S2056989021012809	Acta Crystallographica Sektion E	International Union of Crystallography
1-(Methyl- $\alpha$ -D-gluco-pyran-oxid-6-yl)-3-vinyl-imidazolium iodide di-methyl-formamide monosolvate	10.1107/S2414314622002656	IUCrData	International Union of Crystallography
A chemosystematic investigation of selected Stichococcus-like organisms (Trebouxiophyta)	10.4490/algae.2021.36.6.5	Algae	The Korean Society of Phycology
A Data Processing Framework For Polar Performance Diagrams	10.3390/app12063085	Applied Sciences	MDPI
A metabolic model of intestinal secretions: the link between human microbiota and colorectal cancer progression	10.3390/metabo11070456	Metabolites	MDPI
A Model-Based Tool for Assessing the Impact of Land Use Change Scenarios on Flood Risk in Small-Scale River Systems—Part 2: Scenario-Based Flood Characteristics for the Planned State of Land Use	10.3390/hydrology8030130	Hydrology	MDPI
A multi-schematic classifier-independent oversampling approach for imbalanced datasets	10.1109/ACCESS.2021.3108450	IEEE Access	IEEE
A one-year unisexual Schistosoma mansoni infection causes pathologic organ alterations and a persistent non-polarized T cell-mediated inflammation in mice.	10.3389/fimmu.2022.1010932	Frontiers in Immunology	Frontiers Media
A Predictive Approach to Identify Geometrically Hazardous Road Segments and Evaluate the Relative Safety Effects of Design Alternatives	10.3390/su14053026	Sustainability	MDPI
A systems-based key innovation-driven approach infers co-option of jaw developmental programs during cancer progression	10.3389/fcell.2021.682619	Frontiers in Cell and Developmental Biology	Frontiers Media
Acclimation of Nodularia spumigena CCY9414 to inorganic phosphate limitation -Identification of the P-limitation stimulon via RNA-seq	10.3389/fmicb.2022.1082763	Frontiers in Microbiology	Frontiers
Acidity and Stability of Brønsted Acid Sites in Green Clinop-tilolite Catalysts and Catalytic Performance in the Etherification of Glycerol	10.3390/catal12030253	Catalysts	MDPI
Active, Reactive, and Apparent Power in Dielectrophoresis: Force Corrections from the Capacitive Charging Work on Suspensions Described by Maxwell-Wagner's Mixing Equation	10.3390/mi12070738	Micromachines	MDPI

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Adaptive Gaze Behavior and Decision Making of Penalty Corner Strikers in Field Hockey	10.3389/fpsyg.2021.674511	Frontiers in Psychology	Frontiers Media
Adaptive Multi-Channel Clustering in IEEE 802.11s Wireless Mesh Networks	10.3390/s21217215	Sensors	MDPI
Adsorptive removal of phosphate from aqueous solutions using lowcost volcanic rocks: Kinetics and Equilibrium approaches	10.3390/ma14051312	Materials	MDPI
Alternative fuels substitution in cement industries for improved energy efficiency and sustainability	10.3390/en16083533	Energies	MDPI
An Integrated Hydrological Modelling Approach to Evaluate the Capacity of Keenjhar Lake by using SLA	10.3390/hydrology9050090	Hydrology	MDPI
An MRI-Based Patient-Specific Computational Framework for the Calculation of Range of Motion of Total Hip Replacements	10.3390/app11062852	Applied Sciences	MDPI
An optimized 3D-printed perfusion bioreactor for homogeneous cell seeding in bone substitute scaffolds for future chairside applications	10.1038/s41598-021-01516-8	Scientific Reports	SpringerNature
An unscented transformation approach to stochastic analysis of measurement uncertainty in magnet resonance imaging with applications in engineering	10.34768/amcs-2021-0006	International Journal of Applied Mathematics and Computer Science	Universität Zielona Góra
Analysing farmers'herbicide use pattern to estimate the magnitude and field-economic value of crop diversification	10.3390/agriculture12050677	Agriculture	MDPI
Analysis and Characterization of Optimized Dual-frequency Vibration Energy Harvesters for Low Power Industrial Applications	10.3390/mi13071078	Micromachines	MDPI
Analysis of Hydrological Characteristics of Blue Nile Basin, Nashe Watershed	10.3390/app112411791	Applied Sciences	MDPI
Analysis of the Differential Gene and Protein Expression Profiles of Corneal Epithelial Cells Stimulated with Alternating Current Electric Fields	10.3390/genes12020299	Genes	MDPI
Analyzing Uncertain Dynamical Systems After State-Space Transformations Into Cooperative Form: Verification of Control and Fault Diagnosis	10.3390/axioms10020088	Axioms	MDPI
Antioxidative properties of Baltic Sea keystone macroalgae ( <i>Fucus vesiculosus</i> , Phaeophyceae) under ocean warming and acidification in a seasonally varying environment	10.3390/biology10121330	Biology	MDPI

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Anxieties, age and motivation influence physical activity in patients with myeloproliferative neoplasms - a multicenter survey from the East German Study Group for Hematology and Oncology (OSHO #97)	10.3389/fonc.2022.1056786	Frontiers in Oncology	Frontiers Media
Applied Bayesian Approaches for Research in Motor Neuron Disease	10.3389/fneur.2022.796777	Frontiers in Neurology	Frontiers Media
Aquaponics Production of Wheatgrass ( <i>Triticum aestivum</i> L.) in Different Horticultural Substrates with African Catfish ( <i>Clarias gariepinus</i> ) in Northern Germany	10.3390/agriengineering4040067	Agriengineering	MDPI
Assessment of PERSIANN-CCS, PERSIANN-CDR, SM2RAINASCAT, and CHIRP-2.0 Rainfall Products over the Punjab Province of Pakistan	10.3390/w14020147	Water	MDPI
Attention Retrieval Model for Entity Relation Extraction From Biological Literature	10.1109/ACCESS.2022.3154820	IEEE Access	IEEE
Atypical Cellular Elements of Unknown Origin in the Subbasal Nerve Plexus Diagnosed by Large Area Confocal Laser Scanning Microscopy"	10.3390/diagnostics11020154	Diagnostics	MDPI
Audiovisual teleconsultation for patients with epilepsy in primary care in rural Germany: A pilot study on feasibility and acceptance	10.1186/s40814-022-01171-4	Pilot and Feasibility Studies	Springer Nature
Automated annotation of rare-cell types from single-cell RNA-sequencing data through synthetic oversampling	10.1186/s12859-021-04469-x	BMC Bioinformatics	Springer Nature
Automatic scoring system for monitoring foot pad dermatitis in broilers	10.3390/agriculture12020221	Agriculture	MDPI
Benthic diatoms on sheltered coastal sediments of the southern BalticSea - seasonal community production and respiration	10.3390/jmse9090949	Journal of Marine Science and Engineering	MDPI
Bibliometric analysis; Characteristics and Trends of Refuse Derived Fuel Research	10.3390/su14041994	Sustainability	MDPI
Biological soil crust from mesic forests promote a specific bacteria community	10.3389/fmicb.2022.769767	Frontiers in Microbiology	Frontiers Media
Brain Arousal as measured by EEG-Assessment differs between children and adolescents with attention-deficit/hyperactivity disorder (ADHD) and depression	10.3389/fpsyt.2021.633880	Frontiers in Psychiatrie	Frontiers Media
Burst of corneal dendritic cells during Trastuzumab and Paclitaxel treatment	10.3390/diagnostics11050838	Diagnostics	MDPI
Carbonaceous aerosol composition in air masses influenced by large-scale biomass burning: a case study in northwestern Vietnam	10.5194/acp-21-8293-2021	Atmospheric Chemistry and Physics	Copernicus

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Cell-cell interactions and fluctuations in the direction of motility promote directed migration of osteoblasts in direct current electrotaxis	10.3389/fbioe.2022.995326	Frontiers in Bioengineering and Biotechnology	Frontiers Media
Challenges of smallholder farming in Ethiopia and opportunities by adopting climate-smart agriculture	10.3390/agriculture11030192	Agriculture	MDPI
Chara zeylanica J.G.Klein ex Willd. (Charophyceae, Charales, Characeae): First European Record from the Island of Sardinia, Italy	10.3390/plants10102069	Plants	MDPI
Characterization of Municipal Solid Waste and Assessment of its Potential for Refuse Derived Fuel (RDF) Valorization	10.3390/en16010200	Energies	MDPI
Cluster Compounds with Oxidised, Hexanuclear [Nb <sub>6</sub> Cl <sub>12</sub> Ia <sub>6</sub> ] <sup>n?</sup> Anions (n = 2 or 3)	10.1002/open.202200063	ChemistryOpen	Wiley
Coarse-grainedmoleculardynamics simulations of nanoplastics interacting with a hydrophobic environment in aqueous solution	10.1039/D1RA04439G	RSC Advances	Roayl Chemical Society
Combination of compost and mineral fertilizers as an option for enhancing maize (Zea mays L.) yields and mitigating greenhouse gas emissions from a Nitisol in Ethiopia	10.3390/agronomy11112097	Agronomy	MDPI
Combined gemcitabine and immune-checkpoint inhibition conquers anti-PD-L1 resistance in low-immunogenic mismatch repair-deficient tumors	10.3390/ijms22115990	International Journal of Molecular Sciences	MDPI
Combining Biocompatible and Biodegradable Scaffolds and Cold Atmospheric Plasma for Chronic Wound Regeneration	10.3390/ijms22179199	International Journal of Molecular Sciences	MDPI
Commentary: Acanthocytes Identified in Huntington's Disease	10.3389/fnins.2022.1049676	Frontiers in Neuroscience	Frontiers Media
Comparing different filter-parameter for pre-processing of brainstimulation evoked motor potentials	10.3390/brainsci11091118	Brain Sciences	MDPI
Comparison of three analytical methods for the on-site analysis of traces at clandestine drug laboratories	10.3390/app11093754	Applied Sciences	MDPI
Complex network measures reveal optimal targets for deep brain stimulation and identify clusters of collective brain dynamics	10.3389/fphy.2022.951724	Frontiers in Physics	Frontiers Media
Complex numbers related to semi-antinorms, ellipses or matrix homogeneous functionals	10.3390/axioms10040340	Axioms	MDPI
Computational analysis of bone remodeling in the proximal tibia under electrical stimulation considering the piezoelectric properties	10.3389/fbioe.2021.705199	Frontiers in Bioengineering and Biotechnology	Frontiers Media

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Confocal laser scanning microscopy (CLSM) as a new tool for morphological characterisation of both newly collected and museum voucher specimens of the Trypanorhyncha Diesing, 1863 (Platyhelminthes: Cestoda)	10.14411/fp.2022.026	Folia Parasitologica	Academy of Sciences of the Czech Republic
Construction of an in vitro air-liquid interface exposure system to assess the toxicological impact of gas and particle phase of semivolatile organic compounds	10.3390/toxics10120730	Toxics	MDPI
Contemporary Trends in High and Low River Flows in Upper Indus Basin, Pakistan	10.3390/w14030337	Water	MDPI
Continuous co-digestion of agro-industrial mixtures in laboratory scale expanded granular sludge bed reactors	10.3390/app12052295	Applied Sciences	MDPI
Contributions to a discussion of Spinosaurus aegyptiacus as a capable swimmer and deep-water predator	10.3390/life11090889	Life	MDPI
Control Strategies of Clubroot Disease Caused by Plasmodiophora brassicae	10.3390/microorganisms10030620	Microorganisms	MDPI
Coping Strategies of Teachers: An Inventory of Approaches and Programs and their Knowledge and Usage in German Schools	10.12973/ijem.7.4.697	International Journal of Educational Methodology	Eurasian Society of Educational Research
Coping with Imbalanced Data in the Automated Detection of Reminiscence from Everyday Life Conversations of Older Adults,	10.1109/ACCESS.2021.3106249	IEEE Access	IEEE
Cor Triatriatum Sinistrum Combined with Changes in Atrial Septum and Right Atrium in a 60-Year-Old Woman	10.3390/medicina57080777	Medicina	MDPI
Correlation of Pulse Wave Transit Time with Pulmonary Artery Pressure in a Porcine Model of Pulmonary Hypertension	10.3390/biomedicines9091212	Biomedicines	MDPI
Cover crop termination by pelargonic acid using visual and drone assessment methods	10.3390/agronomy13020354	Agronomy	MDPI
CP12 fine-tunes the Calvin-Benson cycle and carbohydrate metabolism in cyanobacteria	10.3389/fpls.2022.1028794	Frontiers in Plant Science	Frontiers Media
Crystal structure of Dodecakis( $\mu$ 2-iodido)-hexa-aqua-octahydro- hexa-tantalum(12-Ta-Ta) di-iodide	10.1107/S2414314621003047	Acta Crystallographica, IUCRData	International Union of Crystallography
Crystal structure of hexa-aqua-dodeca- $\mu$ 2-chlorido-octahydro-hexa-niobium diiodide	10.1107/S2414314621006969	Acta Crystallographica, IUCRData	International Union of Crystallography

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Cuprizone intoxication results in myelin blister formation	10.3389/fncel.2022.709596	Frontiers in Cellular Neuroscience	Frontiers Media
Cyclin-dependent kinase inhibitors exert distinct effects on patient-derived 2D and 3D glioblastoma cell culture models	10.1038/s41420-021-00423-1	Cell Death Discovery	SpringerNature
Data evaluation of broiler chicken rearing and slaughter—An exploratory study	10.3389/fvets.2022.957786	Frontiers in Veterinary Science	Frontiers Media
Decomposition behavior of biodegradable and single-use tableware items in the Warnow estuary (Baltic Sea)	10.3390/su14052544	Sustainability	MDPI
Degenerative Joint Damage Is Not a Risk Factor for Streptococcal Sepsis and Septic Arthritis in Mice	10.3390/life11080794	Life	MDPI
Demographic processes allow Echinochloa crus-galli to compensate seed losses by seed predation	10.3390/agronomy11030565	Agronomy	MDPI
Deontological Feeling: The Tranquil, the Familiar and the Body	10.3389/fpsyg.2021.662675	Frontiers in Psychology	Frontiers Media
Detection of ship plumes from residual fuel operation in emission control areas using single-particle mass spectrometry	10.5194/amt-14-4171-2021	Atmospheric Measurement Techniques	Copernicus
Detection of Torque Security Problems based on the Torsion of Side Shafts in Electrified Vehicles	10.3390/wevj14060151	World Electric Vehicle Journal	MDPI
Development of a Genetic Algorithm Code for the Design of Cylindrical Buoyancy Bodies for Floating Offshore Wind Turbine Substructures	10.3390/en15031181	Energies	MDPI
Developmental differences in the relations between sensorimotor and executive functions	10.3389/fnhum.2021.714828	Frontiers in Human Neuroscience	Frontiers Media
Diagnostic Ability of Methods Depicting Distress of Tumor-Bearing Mice	10.3390/ani11082155	Animals	MDPI
Dielectrophoresis from the system's point of view: A tale of inhomogeneous object polarization, mirror charges, high repelling and snap-to-surface forces and complex trajectories featuring bifurcation points and watersheds	10.3390/mi13071002	Micromachines	MDPI
Digital and decentralized management of patient data in healthcare using blockchain implementations	10.3389/fbloc.2021.732112	Frontiers in Blockchain	Frontiers Media
Digitalization and AI in European Agriculture: Strategy for achieving climate and biodiversity targets?	10.3390/su13094652	Sustainability	MDPI
Direct Optimal Control Approach to Laser-Driven Quantum Particle Dynamics	10.3389/fphy.2021.615168	Frontiers in Physics	Frontiers Media

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Disentangling the taxonomic history of the widespread and overlooked centric diatom <i>Stephanodiscus makarovae</i> and its transfer to <i>Cyclostephanos</i>	10.3390/taxonomy1040030	Taxonomy	MDPI
Distance estimation in reproduction tasks in a harbor seal ( <i>Phoca vitulina</i> )	10.3390/w13070938	Water	MDPI
Distributed Quantization for Partially Cooperating Sensors using the Information Bottleneck Method	10.3390/e24040438	Entropy	MDPI
Diversity of microorganisms in biocrusts surrounding highly saline potash tailings piles in Germany	10.3390/microorganisms9040714	Microorganisms	MDPI
Dorsolateral prefrontal functional connectivity predicts working memory training gains	10.3389/fnagi.2021.592261	Frontiers in Aging Neuroscience	Frontiers Media
Double-level Osteotomy in Severe Varus Malalignment - a Surgical Technique to Optimize Knee Joint Restoration	10.1177/2635025421	Video Journal of Sports Medicine	Sage
Drivability Optimization of Electric Vehicle Drivetrains for brake blending manoeuvres	10.3390/wevj13110209	World Electric Vehicle Journal	MDPI
Drought years in peatland rewetting: Rapid vegetation succession can maintain the net CO <sub>2</sub> sink function	10.5194/bg-18-917-2021	Biogeosciences	Copernicus
Dynamic Manigraphy as a Promising Tool to Assess the Outcome of Limited Aponeurectomy in Patients With Dupuytren's Contracture	10.3389/fmed.2020.604891	Frontiers in Medicine	Frontiers Media
Dynamics of primary productivity in relation to submerged vegetation of a shallow, eutrophic lagoon: a field and mesocosm study	10.1371/journal.pone.0247696	PLoS One	PLOS
Economic Advantages of Individual Animal Identification in Fattening Pigs	10.3390/agriculture12020126	Agriculture	MDPI
Economic Analysis and Improvement Opportunities of African Catfish ( <i>Clarias gariepinus</i> ) Aquaculture in Northern Germany	10.3390/su132413569	Sustainability	MDPI
Ecophysiological and cell biological traits of benthic diatoms from coastal wetlands of the southern Baltic Sea	10.3389/fmicb.2021.642811	Frontiers in Microbiology	Frontiers Media
Effect of High Hydrostatic Pressure on Human Trabecular Bone Regarding Cell Death and Matrix Integrity	10.3389/fbioe.2021.730266	Frontiers in Bioengineering and Biotechnology	Frontiers Media
Effect of microalgae diets on population performance and fatty acids composition of <i>Apocyclops panamensis</i> (Marsh, 1913) (CYCLOPOIDA, COPEPODA)	10.1016/j.aqrep.2023.101535	Aquaculture Reports	Elsevier
Effects of Dissolved Potassium on Growth Performance, Product Quality, and Welfare of Juvenile African Catfish ( <i>Clarias gariepinus</i> )	10.3390/fishes6020011	Fishes	MDPI

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Effects of stocking density and grading on behaviour, cannibalism and performance of African catfish ( <i>Clarias gariepinus</i> ) fry	10.1016/j.aqrep.2022.101400	Aquaculture Reports	Elsevier
Effects of Stocking Density, Size, and External Stress on Growth and Welfare of African catfish ( <i>Clarias gariepinus</i> Burchell, 1822) in a Commercial RAS	10.3390/fishes8020074	Fishes	MDPI
Enhanced Defluoridation of Water in Fixed-bed Columns Packed with Zirconium - coated Pumice	10.3390/ma14206145	Materials	MDPI
Ensiling Reduces Seed Viability: Implications for Weed Management	10.3389/fagro.2021.708851	Frontiers in Agronomy	Frontiers Media
Establishment of a Rolling-Sliding Test Bench to Analyze Abrasive Wear Propagation of Different Bearing Materials for Knee Implants	10.3390/app11041886	Applied Sciences	MDPI
Establishment, characterization and drug screening of low passage patient individual non-small cell lung cancer in vitro models including the rare pleomorphic subentity	10.3389/fonc.2023.1089681	Frontiers in Oncology	Frontiers Media
Estimating point and nonpoint source pollutant Flux by the application of Watershed Pollutant Loading estimator for a Data Limited Lake Hawassa Watershed in Ethiopia's Rift Valley basin	10.3390/w14101569	Water	MDPI
Estimation of iodine leaching in soil amended with organic and inorganic materials using HYDRUS 1-D model	10.3390/su131910967	Sustainability	MDPI
European Forest Governance: Status Quo and Optimising Options with regard to the Paris Climate Target	10.3390/su14074365	Sustainability	MDPI
Evaluating the Spatio-Temporal Distribution of Irrigation Water Components for Water Resources Management using Geo-Informatics Approach	10.3390/su13158607	Sustainability	MDPI
Evaluation of combination protocols of the chemotherapeutic agent FX-9 with azacitidine, dichloroacetic acid, doxorubicin or carboplatin on prostate carcinoma cell lines	10.1371/journal.pone.0256468	PLoS One	PLoS
Evaluation of General Circulation Models CMIP6 Performance and Future Climate change Over Omo River Basin, Ethiopia	10.3390/su15086507	Sustainability	MDPI
Evaluation of Seasonal and Spatial Variations in Water Quality and Identification of Potential Sources of Pollution Using Multivariate Statistical Techniques for Lake Hawassa Watershed, Ethiopia	10.3390/app11198991	Applied Sciences	MDPI
Evaluation of Surface Water Resource Availability under the Impact of Climate Change in the Dhidhessa Subbasin, Ethiopia	10.3390/atmos13081296	Atmosphere	MDPI



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Evaluation of the Effects of a Load-Shedding at a Lignite Power Plant	10.1002/ese3.890	Energy Science & Engineering	Wiley
Evaluation of the standard procedure for treatment of periprosthetic joint infections of total knee and hip arthroplasty: a comparison of the 2015 and 2020 census in total joint replacement centres in Germany	10.1186/s12891-021-04661-3	BMC Musculoskeletal Disorders	Springer Nature
Expedient Assessment of Post-Infarct Remodeling by native Cardiac Magnetic Resonance Imaging in Mice	10.1038/s41598-021-91096-4	Scientific Reports	SpringerNature
Exploring the evolution of biochemical models at the network level	10.1371/journal.pone.0265735	Plos One	Public Library of Science
Extending cooling rate performance of Fast Scanning Chip Calorimetry by liquid droplet cooling	10.3390/app11093813	Applied Sciences	MDPI
Factors, Perceptions and Beliefs Associated with Inappropriate Antibiotic Prescribing in German Primary Dental Care: A Qualitative Study	10.3390/antibiotics10080987	Antibiotics	MDPI
Failure Diagnosis and Root-Cause Analysis of In-Service and Defective Distribution Transformers	10.3390/en14164997	Energies	MDPI
fastSW: Efficient Piecewise Linear Approximation of Quaternion-Based Orientation Sensor Signals for Motion Capturing with Wearable IMUs	10.3390/s21155180	Sensors	MDPI
Feasibility study of harnessing low wind speed turbine as hybrid power source for offshore platforms	10.3390/jmse10070963	Journal of Marine Science and Engineering	MDPI
Fermentation of whole grain sorghum ( <i>Sorghum bicolor</i> (L.) Moench) with different dry matter concentrations: Effect on the apparent total tract digestibility of energy, crude nutrients and minerals in growing pigs	10.3390/ani11051199	Animals	MDPI
Fixed-Bed Column Technique for the Removal of Phosphate from Water Using Leftover Coal	10.3390/ma14195466	Materials	MDPI
Flood Mitigation in the Transboundary Chenab River Basin: A Basin-Wise Approach from Flood Forecasting to Management	10.3390/rs13193916	Remote Sensing	MDPI
Flue gas composition and treatment potentiality of a waste incineration plant	10.3390/app12105236	Applied Sciences	MDPI
Free Trade, Environment, Agriculture, and Plurilateral Treaties: The Ambivalent Example of Mercosur, CETA and the EU-Vietnam Free Trade Agreement	10.3390/su13063153	Sustainability	MDPI
Freeze-Thaw Cycles Alter Soil Hydro-physical Properties and Dissolved Organic Carbon Release from Peat	10.3389/fenvs.2022.930052	Frontiers in Environmental Science	Frontiers Media

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Frictional Behavior of Cochlear Electrode Array is dictated by Insertion Speed and Impacts Insertion Force	10.3390/app11115162	Applied Sciences	MDPI
Gastric lanthanosis (lanthanum deposition) in an immunosuppressed patient that discontinued lanthanum carbonate seven years ago	10.1002/ccr3.5075	Clinical Case Reports	Wiley
Gaze coordination of groups in dynamic events - A tool to facilitate analyses of simultaneous gazes within a team	10.3389/fpsyg.2021.656388	Frontiers in Psychology	Frontiers Media
Generation and characterization of a CRISPR/Cas9-mediated SNAP29 knockout in human fibroblasts	10.3390/ijms22105293	International Journal of Molecular Sciences	MDPI
Genome-wide Approach to Identify Quantitative Trait Loci for Drought Tolerance in Tetraploid Potato ( <i>Solanum tuberosum</i> L.)	10.3390/ijms22116123	International Journal of Molecular Sciences	MDPI
Glutamatergic mechanisms in glioblastoma and tumor-associated epilepsy	10.3390/cells10051226	Cells	MDPI
Groundwater Potential Assessment Using GIS and Remote Sensing Techniques: In Case of West Arsi Zone, Ethiopia	10.3390/w14121838	Water	MDPI
Growth and welfare of African catfish ( <i>Clarias gariepinus</i> Burchell, 1822) under dietary supplementation with mixed-layer clay mineral montmorillonite-illite/muscovite in commercial aquaculture	10.3390/aquacj2030013	Aquaculture Journal	MDPI
Headache characteristics in the Neurological Emergency Department: a retrospective study	10.3389/fneur.2021.706074	Frontiers in Neurology	Frontiers Media
Healthcare Avoidance: A Qualitative Study of Dental Care Avoidance in Germany in Terms of Emergent Behaviours and Characteristics	10.1186/s12903-021-01933-1	BMC Oral Health	SpringerNature
Heart rate variability modulates interoceptive accuracy	10.3389/fnins.2020.612445	Frontiers in Neuroscience	Frontiers Media
High resolute forecast of land use change effects on river flow and flooding – Part 1: Pre-processing of scenario based flood characteristics for the current state of land use	10.3390/hydrology8030102	Hydrology	MDPI
How to Handle CT-Guided Abscess Drainages in Microbiological Analyses? Sterile Vials vs. Blood Culture Bottles for Transport and Processing	10.3390/microorganisms9071510	Microorganisms	MDPI
Hydrological Responses of Watershed to Historical and Future Land Use Land Cover Change Dynamics of Nashe Watershed, Ethiopia	10.3390/w13172372	Water	MDPI
Hyperoxygenation during mid-neurogenesis accelerates cortical development in the fetal mouse brain	10.3389/fcell.2022.732682	Frontiers in Cell and Developmental Biology	Frontiers Media
Impact of porphyrin binding to GUN4 on tetrapyrrole biosynthesis in planta	10.3389/fpls.2022.850504	Frontiers in Plant Science	Frontiers Media

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Impact of the legume catch crop serradella on subsequent growth and P mobilization under barley in different fertilization treatments	10.3390/agronomy11122437	Agronomy	MDPI
Impact of Thermal Stress on Abrasive Dust from a Carbon Fiber-Reinforced Concrete Composite	10.3390/fib10050039	Fibers	MDPI
Implementation of a Peer Support Worker in a Forensic Psychiatric Hospital in Germany – Views of Patients	10.3389/fpsy.2023.1061106	Frontiers in Psychiatry	Frontiers Media
In silico Investigation of Molecular Networks Linking Gastrointestinal Diseases, Malnutrition, and Sarcopenia	10.3389/fnut.2022.989453	Frontiers in Nutrition	Frontiers Media
Increases in temperature and freshwater inputs will shift grazing patterns of a coastal mesograzer on foundation species	10.1002/ecs2.4062	Ecosphere	Wiley
Influence of acids and alkali as additives on hydrothermally treating sewage sludge: Effect on phosphorus recovery, yield, and energy value of hydrochar	10.3390/pr9040618	Processes	MDPI
Influence of drug incorporation on the physico-chemical properties of poly(l-lactide) implant coating matrices- a systematic study	10.3390/polym13020292	Polymers	MDPI
Influence of Haunch Geometry and Additional Steel Reinforcement on Load Carrying Capacity of Reinforced Concrete Box Culvert	10.3390/ma16041409	Materials	MDPI
Influence of Post- and Pre-Acid Treatment during Hydrother-mal Carbonization of Sewage Sludge on P-Transformation and the Characteristics of Hydrochar	10.3390/pr10010151	Processes	MDPI
Influence of work-related and personal characteristics on the burnout risk among full- and part-time teachers	10.3390/ijerph18041535	International Journal of Environmental Research and Public Health	MDPI
Integrative analysis of the salt stress response in cyanobacteria	10.1186/s13062-021-00316-4	Biology Direct	Springer Nature
Integro-differential equation for non-equilibrium thermal response of glass-forming materials: analytical solutions	10.3390/sym13020256	Symmetry	MDPI
Interleukin-17 and Th17 Lymphocytes Directly Impair Motoneuron Survival of Wildtype and FUS-ALS Mutant Human iPSCs	10.3390/ijms22158042	International Journal of Molecular Sciences	MDPI
Internal crack initiation and growth starting from artificially generated defects in additively manufactured Ti6Al4V specimen in the VHCF regime	10.3390/ma14185315	Materials	MDPI

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Intrinsic mechanisms underlying hypoxia-tolerant mitochondrial phenotype during hypoxia-reoxygenation stress in a marine facultative anaerobe ( <i>Mytilus edulis</i> )	10.3389/fmars.2021.773734	Frontiers in Marine Science	Frontiers Media
Introduction of The Rapid Deployment Aortic Valve System use in Elderly Patients with Endocarditis	10.3389/fcvm.2022.774189	Frontiers in Cardiovascular Medicine	Frontiers Media
Inverse infiltration modelling of dike covers made of dredged material using PEST and AMALGAM	10.3390/geosciences11020041	Geosciences	MDPI
Isolated Calf Deep Venous Thrombosis: Prevalence, Clinical Characteristics and Implications for Ultrasound Evaluation	10.1186/s12873-021-00516-1	BMC Emergency Medicine	Springer Nature
KASP markers specific for the fertility restorer locus Rf1 and application for genetic purity testing in sunflowers ( <i>Helianthus annuus</i> L.)	10.3390/genes13030465	Genes	MDPI
Land use and land cover change assessment and future predictions in the Matenchose watershed, Rift Valley Basin, using CA-Markov simulation	10.3390/land11101632	Land	MDPI
Learning strategies and their correlation with academic success in biology and physiology examinations during the preclinical years of medical school	10.1371/journal.pone.0245851	PLoS One	PLoS
Leptin deficiency-caused behavioral change -a comparative analysis using EthoVision and DeepLabCut	10.3389/fnins.2023.1052079	Frontiers in Neuroscience	Frontiers Media
Interleukin-1 $\beta$ Induces Tissue Factor Expression in A549 Cells via EGFR-dependent and -independent Mechanisms	10.3390/ijms22126606	International Journal of Molecular Sciences	MDPI
Long-Term Outcome after Asphyxia and Therapeutic Hypothermia in Late Preterm Infants: A Pilot Study	10.3390/healthcare9080994	Healthcare	MDPI
Low NOx In-Line Calciners Alternative Fuel Substitution Improvement	10.3390/cleantechnol5020036	Clean Technologies	MDPI
Low-load unilateral and bilateral resistance training to restore lower limb function in the early rehabilitation after total knee arthroplasty: a randomized active-controlled clinical trial	10.3389/fmed.2021.628021	Frontiers in Medicine	Frontiers Media
Lupin Root Weevils ( <i>Charagmus</i> spp., Curculionidae: Sitonini), a Lupin Pest: A Review of their Distribution, Biology, and Challenges in Integrated Pest Management	10.3390/insects12100950	Insects	MDPI
Measuring on-farm phosphorus fertiliser use – Lessons learned from surveying data of five regions in northern Germany	10.3390/agronomy11112123	Agronomy	MDPI
Mechanical characterization of human trabecular and formed granulate bone cylinders processed by high hydrostatic pressure	10.3390/ma14051069	Materials	MDPI

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Mechanisms of functional pleiotropy of p73 in cancer and beyond	10.3389/fcell.2021.737735	Frontiers in Cell and Developmental Biology	Frontiers Media
Metabolic function-based normalization improves transcriptome data-driven reduction of genome-scale metabolic model	10.1038/s41540-023-00281-w	npj Systems Biology and Applications	Springer Nature
Metabolic risk factors and fertility disorders: a narrative review of the female perspective	10.1016/j.rbms.2021.09.002	Reproductive Biomedicine & Society Online	Elsevier
Meteorological controls on water table dynamics in fen peatlands depend on management regimes	10.3389/feart.2021.630469	Frontiers in Earth Science	Frontiers Media
Microbial communities in biocrusts are recruited from the neighboring sand at coastal dunes along the Baltic Sea	10.3389/fmicb.2022.859447	Frontiers in Microbiology	Frontiers Media
Microbial Diversity in Subarctic Biocrusts from West Iceland following an Elevation Gradient	10.3390/microorganisms9112195	Microorganisms	MDPI
Mimicking of Blood Flow Results in a Distinct Functional Phenotype in Human Non-Adherent Classical Monocytes	10.3390/biology10080748	Biology	MDPI
Mindfulness-based intervention helps preclinical medical students to contain stress, maintain mindfulness and improve academic success	10.1186/s12909-021-02578-y	BMC Medical Education	SpringerNature
Mixed Growth with Weeds Promotes Mycorrhizal Colonization and Increases the Plant-availability of Phosphorus under Maize ( <i>Zea mays</i> L.)	10.3390/agronomy11071304	Agronomy	MDPI
Modeling and Prediction of Land Use Land Cover Change Dynamics Based on Land Change Modeler (LCM) in Nashe Watershed, Upper Blue Nile Basin, Ethiopia	10.3390/su13073740	Sustainability	MDPI
Molecular liquids versus Ionic liquids: the interplay between intermolecular and intra-molecular hydrogen bonding as seen by vaporisation thermodynamics	10.3390/molecules28020539	Molecules	MDPI
Monitoring of Food Waste Anaerobic Digestion Performance: Conventional Co-Substrates vs. Unmarketable Biochar Additions	10.3390/foods10102353	Foods	MDPI
Morality of the Heart: Heart Rate Variability and Moral Rule Adherence	10.3389/fnins.2021.612712	Frontiers in Neuroscience	Frontiers Media
Morphology of the murine choroid plexus: attachment regions and spatial relation to the subarachnoid space	10.3389/fnana.2022.1046017	Frontiers in Neuroanatomy	Frontiers Media
Multimodal sensorimotor integration of visual and kinaesthetic afferents modulates motor circuits in humans	10.3390/brainsci11020187	Brain Sciences	MDPI

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New insights on CD8+ T cells in inflammatory bowel disease and therapeutic approaches	10.3389/fimmu.2021.738762	Frontiers in Immunology	Frontiers Media
Novel Glucosylimidazolium Ionic-Liquid-Supported Novozym 435 Catalysts – A Proof of Concept for an Acrylation Reaction	10.1002/open.202200135	ChemistryOpen	Wiley
Numerical and physical Modeling of a Tension-Leg Platform for Offshore Wind Turbines	10.3390/en14123554	Energies	MDPI
On complex numbers in higher dimensions	10.3390/axioms11010022	Axioms	MDPI
On the Functional and Extra-Functional Properties of IMU Fusion Algorithms for Body-Worn Smart Sensors	10.3390/s21082747	Sensors	MDPI
Open-Label Placebo Interventions with Drinking Water and their Influence on Perceived Physical and Mental Well-Being	10.3389/fpsyg.2021.658275	Frontiers in Psychology	Frontiers Media
Optimal Operation of Nashe Hydropower Reservoir under Land Use Land Cover Change in Blue Nile River Basin	10.3390/w14101606	Water	MDPI
Optimization and analysis of liquid anaerobic codigestion of agroindustrial wastes via mixture+A58 design	10.3390/pr9050877	Processes	MDPI
Optimization of Polycaprolactone - based Nanofiber Matrices for the Cultivation of Corneal Endothelial Cells	10.1038/s41598-021-98426-6	Scientific Reports	SpringerNature
Optimizing small BERTs trained for German NER	10.3390/info12110443	Information	MDPI
Optimizing telemedical care in neurological outpatients by characterizing the patients' needs in physician-patient relationship - content analysis of guideline-based interviews	10.1186/s12883-021-02329-y	BMC Neurology	SpringerNature
Oral and subcutaneous immunization with a plant-produced mouse-specific zona pellucida 3 peptide presented on Hepatitis B core antigen virus-like particles	10.3390/vaccines11020462	Vaccines	MDPI
Organic cation transporter (OCT) 1 an intestinal uptake transporter: fact or fiction?	10.3389/fphar.2021.648388	Frontiers in Pharmacology	Frontiers Media
Oxyhemoglobin concentration and oxygen uptake signal during recovery from exhaustive exercise in healthy subjects - relationship with aerobic capacity	10.3389/fphys.2021.695569	Frontiers in Physiology	Frontiers Media
Parameter Uncertainty analysis for streamflow simulation using SWAT Model in Nashe watershed, Blue Nile River Basin, Ethiopia	10.1155/2022/1826942	Applied and Environmental Soil Science	Hindawi

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Parasites of pufferfish, <i>Lagocephalus</i> spp. and <i>Torquigener flavimaculosus</i> of the Israeli Mediterranean: A new case of Lessepsian endoparasites	10.1016/j.ijppaw.2022.09.003	International Journal for Parasitology	Elsevier
Particle size distribution of organic complete diets for laying hens	10.3390/agriculture12020272	Agriculture	MDPI
Pathophysiological in vitro profile of neuronal differentiated cells derived from Niemann-Pick disease Typ C2 patient-specific iPSCs carrying the NPC2 mutations c.58G>T/c.140G>1	10.3390/ijms22084009	International Journal of Molecular Sciences	MDPI
Patterns and facilitators for the promotion of glaucoma medication adherence - a qualitative study	10.3390/healthcare9040426	Healthcare	MDPI
PDA Indolylmaleimides Induce Anti-Tumor Effects in Prostate Carcinoma Cell Lines through Mitotic Death	10.3389/fvets.2020.558135	Frontiers in Veterinary Science	Frontiers Media
Pedestrian Localization with Stride-Wise Error Estimation and Compensation by Fusion of UWB and IMU Data	10.3390/s23104744	Sensors	MDPI
Periprosthetic fungal infections in severa endoprosthetic infections of the hip and knee joint - a retrospective analysis of a certified arthroplasty center of excellence	10.3390/jof7060404	Journal of Fungi	MDPI
Personality traits affect learning performance in dwarf goats ( <i>Capra hircus</i> )	10.3389/fvets.2022.916459	Frontiers in Veterinary Science	Frontiers Media
Phenotypic variation of root-system architecture under high P and low P conditions in potato ( <i>Solanum tuberosum</i> L.)	10.1186/s12870-023-04070-9	BMC Plant Biology	Springer Nature
Photophysiological tolerance and thermal plasticity of genetically different Symbiodiniaceae endosymbiont species of Cnidaria	10.3389/fmars.2021.657348	Frontiers in Marine Science	Frontiers Media
Photosynthesis, respiration, and growth of five benthic diatom strains as a function of intermixing processes of coastal patlands with the Baltic Sea	10.3390/microorganisms10040749	Microorganisms	MDPI
Photosynthetic , Respirational, and Growth Responses of Six Benthic Diatoms from the Antarctic Peninsula as Functions of Salinity and Temperature Variations	10.3390/genes13071264	Genes	MDPI
Photosynthetic performance, growth, pigment content, and photoprotective compounds of the mangrove macroalgae <i>Bostrychia calliptera</i> and <i>Bostrychia montagnei</i> (Rhodophyta) under light stress	10.3389/fmars.2022.989454	Frontiers in Marine Science	Frontiers Media
Physiological responses to salt stress by native and introduced red algae in New Zealand.	10.4490/algae.2021.36.6.10	Algae	The Korean Society of Phycology

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Physio-metabolic and clinical consequences of wearing face masks - Systematic review with meta-analysis and comprehensive evaluation	10.3389/fpubh.2023.1125150	Frontiers in Public Health	Frontiers Media
Pikeperch larviculture (<i>Sander lucioperca</i> (L., 1758)) with <i>Brachionus plicatilis</i> (Mueller, 1786) (Rotifera) and <i>Apocyclops panamensis</i> (Marsh, 1913) (Copepoda)	10.1111/jwas.12940	Journal of the World Aquaculture Society	Wiley
Plasma Treatment of Fish Gells: Why it is Important to Define Cell Culture Conditions in Comparative Studies?	10.3390/app11062534	Applied Sciences	MDPI
Plastid DNA sequences and oospore characters of some European species of Tolypella section Tolypella (Obtusifolia, Characeae) indicate a new cryptic Tolypella species from the Mediterranean island Sardinia	10.3389/fpls.2023.1096181	Frontiers in Plant Science	Frontiers Media
Pluripotent Stern Cells for Disease Modeling and Drug Discovery in Niemann-Pick type CI	10.3390/ijms22020710	International Journal of Molecular Sciences	MDPI
Polar particle flux distribution and its spatial extent	10.1051/swsc/2023009	Journal of Space Weather and Space Climate	EDP Sciences
Possible effects of bright light therapy on EEG-vigilance in the treatment of depression in adolescents – A pilot study	10.3389/fpsy.2022.820090	Frontiers in Psychiatry	Frontiers Media
Precursor B-ALL Cell Lines Differentially Respond to SYK Inhibition by Entospletinib	10.3390/ijms22020592	International Journal of Molecular Sciences	MDPI
Predictive value of retinal function by the Purkinje test in patients scheduled for cataract surgery in Kinshasa	10.18240%2Fijo.2021.09.14	International Journal of Ophthalmology	IJO Press
Prevalence of visceral artery involvement in patients with peripheral artery disease found on run-off MRA	10.1186/s12880-021-00615-2	BMC Medical Imaging	SpringerNature
Principles and practical considerations for the analysis of disease-associated alternative splicing events using the Gateway cloning-based minigene vectors pDESTsplice and pSpliceExpress	10.3390/ijms22105154	International Journal of Molecular Sciences	MDPI
Prioritization of Sub-Watersheds to Sediment Yield and Evaluation of Best Management Practices in Highland Ethiopia, Fincha Catchment	10.3390/land10060650	Land	MDPI
Prolonged treadmill training is not able to prevent ovariectomy-induced bone loss	10.3389/fphys.2022.1078857	Frontiers in Physiology	Frontiers Media
Pseudostichococcus stands out from its siblings due to high salinity and desiccation tolerance	10.3390/phycolgy2010007	Phycology	MDPI
Psychophysiological benefits of real-time heart rate feedback in physical education	10.3389/fpsyg.2021.651065	Frontiers in Psychology	Frontiers Media



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Pupil size in the evaluation of static and dynamic stimuli in peripheral vision	10.1371/journal.pone.0250027	PLoS One	PLOS
Quasi-PRPD Pattern Analysis of Surface Discharges Arising on Porcelain Bushing of an ESP unit under Rectified DC Voltage	10.1002/eng2.12379	Engineering Reports	Wiley
Rainwater Harvesting as Sustainable Solution to Cope with Drinking Water Scarcity and Urban Flooding: A Case Study of Public Institutions in Lahore, Pakistan	10.3390/civileng4020037	CivilEng	MDPI
Ranking biomarkers of aging by citation profiling and effort scoring	10.3389/fgene.2021.686320	Frontiers in Genetics	Frontiers Media
Reaction mechanism of the farnesyl pyrophosphate C-methyltransferase towards the biosynthesis of pre-sodorifen pyrophosphate by <i>Serratia plymuthica</i> 4Rx13	10.1038/s41598-021-82521-9	Scientific Reports	Springer Nature
Real-Time Power Analysis of Smart Sensors Using Advanced Debugging Methods	10.3390/mi12111276	Micromachines	MDPI
Receptor/raft ratio is a determinant for LRP6 phosphorylation and WNT/ $\beta$ -catenin signaling	10.3389/fcell.2021.706731	Frontiers in Cell and Developmental Biology	Frontiers Media
Reduced-Complexity Optimization of Distributed Quantization using the Information Bottleneck Principle	10.1109/OJCOMS.2021.3083569	IEEE Open Journal of the Communications Society	IEEE
Reversal of a spatial discrimination task in the common octopus ( <i>Octopus vulgaris</i> )	10.3389/fnbeh.2021.614523	Frontiers in Behavioral Neuroscience	Frontiers Media
Review of Modeling Techniques for Analysis and Assessment of RC Beam-Column Joints Subjected to Seismic Loads	10.3390/ma15217448	Materials	MDPI
Review of Techniques for the Removal of Poly Aromatic Hydrocarbons from Produced Water	10.3390/environments10030040	Environments	MDPI
Risk Assessment of Soil Erosion in the Jhelum Watershed Using the Revised Universal Soil Loss Equation (RUSLE) in a GIS- Embedded Environment	10.3390/app13063775	Applied Sciences	MDPI
Risk factors of growth retardation and developmental deficits in very preterm infants in a German tertiary neonatal unit	10.3390/children8050394	Children	MDPI
Root-system architectures of two Cuban rice cultivars with salt stress at early development stages	10.3390/plants10061194	Plants	MDPI
Seasonal photophysiological performance of adult western Baltic <i>Fucus vesiculosus</i> (Phaeophyceae) under ocean warming and acidification	10.3389/fmars.2021.666493	Frontiers in Marine Science	Frontiers Media

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Seasonality of salmonid parasites from flow-through aquaculture in northern Germany: Emphasis on pathogenicity of Diplostomum spp. metacercaria	10.1002/aff2.25	Aquaculture, Fish and Fisheries	Wiley
Selection of Optimum Pollution Load Reduction and Water Quality Improvement Approaches Using Scenario Based Water Quality Modeling in Little Akaki River, Ethiopia	10.3390/w13050584	Water	MDPI
Selection of Representative General Circulation models for climate change study using Advanced Envelop based and past performance Approach on Transboundary River Basin	10.3390/su14042140	Sustainability	MDPI
Self-attention based models for the extraction of molecular interactions from biological texts	10.3390/biom11111591	Biomolecules	MDPI
Serial measurements of refractive index, glucose and protein to assess gastric liquid nutrient transport – a proof-of-principal study	10.3389/fnut.2021.742656	Frontiers in Nutrition	Frontiers Media
Serology- and Blood-PCR-Based Screening for Schistosomiasis in Pregnant Women in Madagascar—A Cross-Sectional Study and Test Comparison Approach	10.3390/pathogens10060722	Pathogens	MDPI
Severity, Spatial Pattern, and Statistical Analysis of Road Traffic Crash Hot Spots in Ethiopia	10.3390/app11198828	Applied Sciences	MDPI
Sexual dimorphism in bone quality and performance of conventionalbroilers at different growth phases	10.3390/agriculture12081109	Agriculture	MDPI
Shared decision making and patient-centeredness for patients with poorly controlled type 2 diabetes mellitus in primary care - Results of the cluster-randomised controlled DEBATE trial	10.1186/s12875-021-01436-6	BMC Family Practice	SpringerNature
Short-term isolation effects on the brain, cognitive performance and sleep – the role of exercise	10.3389/fphys.2022.903072	Frontiers in Physiology	Frontiers Media
Side-branch expansion capacity of contemporary DES platforms	10.1186/s40001-021-00595-7	European Journal of Medical Research	SpringerNature
Single-step synthesis of graphitic carbon nitride nanomaterials by directly calcining the mixture of urea and thiourea: Application for Rhodamine B (RhB) dye degradation	10.3390/nano13040762	Nanomaterials	MDPI
Site-Effects Dominate the Plant Availability of Nutrients under Salix Species during the First Cutting Cycle	10.3390/f12091226	Forests	MDPI

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Small Molecules in the Treatment of Squamous Cell Carcinomas: Focus on Indirubins	10.3390/cancers13081770	Cancers	MDPI
Soil Carbon Modelling in Salix Biomass Plantations: Variety Determines Carbon Sequestration and Climate Impacts	10.3390/f12111529	Forests	MDPI
Space use, herbage selection, and animal performance of grazing heifers on a peaty river valley section	10.1080/09712119.2021.1946066	Journal of Applied Animal Research	Taylor & Francis
Spatial separation and working memory capacity affect selective visual attention in the periphery	10.3389/fpsyg.2021.692963	Frontiers in Psychology	Frontiers Media
Spatial variability of selected soil properties in long-term drained and restored peatlands	10.3389/fenvs.2022.804041	Frontiers in Environmental Science	Frontiers Media
Spatial-temporal seasonal variability of extreme precipitation in Pakistan under warming climate	10.3390/atmos14020210	Athmospere	MDPI
Spatiotemporal analysis of climatic extremes over the Upper Indus Basin region, Pakistan	10.3390/w14111718	Water	MDPI
Spearmint ( <i>Mentha spicata</i> ) cultivation in decoupled aquaponics with three hydro-components (Grow Pipes, Raft, Gravel) and African catfish ( <i>Clarias gariepinus</i> ) production in Northern Germany	10.3390/su14010305	Sustainability	MDPI
Specific and intraspecific P efficiency of small-grain legumes as affected by long-term P management	10.3390/agronomy13030900	Agronomy	MDPI
Stents versus Bypass Surgery*3-Year Mortality Risk of Patients with Coronary Interventions Aged 50+ in Germany	10.1186/s13019-022-02014-2	Journal of Cardiothoracic Surgery	Springer Nature
Structure-based Knowledge Acquisition from Electronic Lab Notebooks for Research Data Provenance Documentation	10.1186/s13326-021-00257-x	Journal of Biomedical Semantics	Springer Nature
Submarine groundwater discharge from non-tidal coastal peatlands along the Baltic Sea	10.3389/feart.2021.665802	Frontiers in Earth Science	Frontiers Media
Successional development of the phototrophic community in biological soil crusts on coastal and inland dunes	10.3390/biology12010058	Biology	MDPI
Surface crystal nucleation and growth in poly ( $\epsilon$ -caprolactone): Atomic force microscopy combined with fast scanning chip calorimetry	10.3390/polym13122008	Polymers	MDPI
Sustainable Production of the Cyanophycin Biopolymer in Tobacco in the Greenhouse and Field	10.3389/fbioe.2022.896863	Frontiers in Bioengineering and Biotechnology	Frontiers Media
Sustainable Stories: Managing Climate Change with Literature	10.3390/su13074049	Sustainability	MDPI

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Sustainable Surface Modification of Polyetheretherketone (PEEK) Implants by Hydroxyapatite/Silica Coating—An In Vivo Animal Study	10.3390/ma14164589	Materials	MDPI
Systematic estimation of biological age of in vitro cell culture systems by an age-associated marker panel	10.3389/fragi.2023.1129107	Frontiers in Aging	Frontiers Media
Systematic review of studies on telomere length in patients with multiple sclerosis	10.14336/AD.2021.0106	Aging and Disease	JKL INTERNATIONAL LLC
Targeted Swabbing of Implant Associated Biofilm Formation - A Staining-Guided-Sampling Approach for Optimizing Routine Microbiological Diagnostics	10.3390/diagnostics11061038	Diagnostics	MDPI
Targeting Lyn Kinase in Chorea-Acanthocytosis: A translational treatment approach in a rare disease	10.3390/jpm11050392	Journal of Personalized Medicine	MDPI
Taxonomic and Functional Diversity of Heterotrophic Protists(Cercozoa and Endomyxa) from Biological Soil Crusts	10.3390/microorganisms9020205	Microorganisms	MDPI
Technical reliability of shipboard technologies for the application of alternative fuels	10.1186/s13705-021-00301-9	Energy, Sustainability and Society	Springer Nature
Techno-economic assessment of solid-liquid biogas treatment plants for the agro-industrial sector	10.3390/en15124413	Energies	MDPI
Tetra-aqua-dodekakis- $\mu$ 2-chlorido-di-iodido-octa-hedro-hexa-niobium(12 Nb—Nb) tetra-hydro-furan octa-solvate	10.1107/S2414314622006186	Acta Crystallographica, IUCRData	International Union of Crystallography
Tetra-kis(tri-ethyl-enediamin-1-ium) dodeca- $\mu$ 2-chlorido-hexa-kis-(thio-cyanato- $\kappa$ N)hexa-octa-hedro-niobate	10.1107/S241431462300398X	Acta Crystallographica, IUCRData	International Union of Crystallography
The ALS-Associated FUS (P525L) Variant Does Not Directly Interfere with Microtubule-Dependent Kinesin-1 Motility	10.3390/ijms22052422	International Journal of Molecular Sciences	MDPI
The Binding of Phosphorus Species at Goethite: A Joint Experimental and Theoretical Study	10.3390/min11030323	Minerals	MDPI
The Ecophysiological Performance and Traits of Genera within the Stichococcus-like Clade (Trebouxiophyceae) under Matric and Osmotic Stress	10.3390/microorganisms9091816	Microorganisms	MDPI
The Entner-Doudoroff pathway contributes to glycogen breakdown during high to low CO <sub>2</sub> shifts in the cyanobacterium Synechocystis sp. PCC 6803	10.3389/fpls.2021.787943	Frontiers in Plant Science	Frontiers Media
The interplay of goalkeepers and penalty takers affects their chances of success	10.3389/fpsyg.2021.645312	Frontiers in Psychology	Frontiers Media

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The Non-phosphorylating Glyceraldehyde-3-Phosphate Dehydrogenase GapN Is a Potential New Drug Target in Streptococcus pyogenes	10.3389/fmicb.2022.802427	Frontiers in Microbiology	Frontiers Media
The Prognostic and Predictive Role of Xeroderma Pigmentosum Gene Expression in Melanoma	10.3389/fonc.2022.810058	Frontiers in Oncology	Frontiers Media
The role of software in science: A knowledge graph-based analysis of software mentions in Pubmed Central	10.7717/peerj-cs.835	PeerJ Computer Science	PeerJ
The school garden, a social and emotional place	10.3389/fpsyg.2021.567720	Frontiers in Psychology	Frontiers Media
The System's Point of View applied to Dielectrophoresis in Plate Capacitor and Pointed-versus-Pointed Electrode Chambers	10.3390/mi14030670	Micromachines	MDPI
The Use of Zwitterionic Methylmethacrylat Coated Silicone Inhibits Bacterial Adhesion and Biofilm Formation of Staphylococcus aureus	10.3389/fbioe.2021.686192	Frontiers in Bioengineering and Biotechnology	Frontiers Media
Thermodynamically stable cationic dimers in carboxyl-functionalized ionic liquids: The paradoxical case of "anti-electrostatic" hydrogen bonding	10.3390/molecules27020366	Molecules	MDPI
Three-complex numbers and related algebraic structures	10.3390/sym13020342	Symmetry	MDPI
Topological effects in integrated photonic waveguide structures	10.1364/OME.414648	Optical Materials Express	Optical Society of America
Transformation of Uncertain Linear Systems with Real Eigenvalues into Cooperative Form: The Case of Constant and Time-Varying Bounded Parameters	10.3390/a14030085	Algorithms	MDPI
Treatment of perioperative swelling by Rest, Ice, Compression and Elevation (RICE) without and with additional application of negative pressure (RICE+) in patients with an unilateral ankle fracture: study protocol for a monocentric, evaluator-blinded randomized controlled pilot trial.	10.1186/s40814-021-00944-7	Pilot and Feasibility Studies	Springer Nature
Triose phosphate export from chloroplasts and cellular sugar content regulate anthocyanin biosynthesis during high light acclimation	10.1016/j.xplc.2022.100423	Plant Communications	Elsevier
Tunable pseudo-piezoelectric effect in doped calcium titanate for tissue engineering	10.3390/ma14061495	Materials	MDPI
Types of leisure time physical activities (LTPA) of community-dwelling persons who have been screened positive for dementia	10.1186/s12877-021-02201-1	BMC Geriatrics	SpringerNature
Ultrahigh field MRI determination of water diffusion rates in ex vivo human lenses of different age	10.21037/qims-20-1124	Quantitative Imaging in Medicine and Surgery	AME

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Unisexual infection with <i>Schistosoma mansoni</i> in mice has the potential to boost the immune response against eggs after challenge infection	10.3389/fimmu.2023.1125912	Frontiers in Immunology	Frontiers Media
Unravelling differences in candidate genes for drought tolerance in potato ( <i>Solanum tuberosum</i> L.) by use of new functional microsatellite markers	10.3390/genes12040494	Genes	MDPI
Using a digital twin of an electrical stimulation device to monitor and control the electrical stimulation of cells in vitro	10.3389/fbioe.2021.765516	Frontiers in Bioengineering and Biotechnology	Frontiers Media
Viability of wildflower seeds after mesophilic anaerobic digestion in lab-scale biogas reactors	10.3389/fpls.2022.942346	Frontiers in Plant Science	Frontiers Media
Vincetoxicum arnotianum modulates motility features and metastatic marker expression in pediatric rhabdomyosarcoma by stabilizing the actin cytoskeleton	10.1186/s12906-021-03299-x	BMC Complementary Medicine and Therapies	SpringerNature
Volcanic rock material for defluoridation of water in fixed-bed column systems	10.3390/molecules26040977	Molecules	MDPI
Vortex trapping recaptures energy in flying fruit flies	10.1038/s41598-021-86359-z	Scientific Reports	Springer Nature
VPMBench - A test bench for variant prioritization methods	10.1186/s12859-021-04458-0	BMC Bioinformatics	BMC
Water desalination by using Multi-Stage Flash – Once Through concept: Design and Modelling	10.3390/ma15176131	Materials	MDPI
Webbing a network of reliable thermochemistry around lignin building blocks: tri-methoxy-benzenes	10.1039/D1RA00690H	RSC Advances	RSC
Weed densities in perennial flower mixtures cropped for more arable biodiversity	10.3390/agriculture11060501	Agriculture	MDPI
What Guides Peripheral Immune Cells into the Central Nervous System?	10.3390/cells10082041	Cells	MDPI
Who can take advantage of medically assisted reproduction in Germany?	10.1016/j.rbms.2021.05.002	Reproductive Biomedicine & Society Online	Elsevier
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