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2218	Classification Using a Two-Qubit Quantum Chip. 2021 , 74-83		
2217	Live and ultrasound-inactivated modulate the intestinal microbiota and improve biochemical and cardiovascular parameters in male rats fed a high-fat diet. 2021 , 12, 5287-5300		3
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2215	Blockchain and AI-Based Solutions to Combat Coronavirus (COVID-19)-Like Epidemics: A Survey. 2021 , 9, 95730-95753		35
2214	Network pharmacology-based analysis for unraveling potential cancer-related molecular targets of Egyptian propolis phytoconstituents accompanied with molecular docking and studies.. 2021 , 11, 11610-11626 ⁴		
2213	The role of proactive behavior on COVID-19 infordemic in the Chinese Sina-Microblog: a modeling study. 2021 , 18, 7389-7401		0
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2211	BCU Imaging Biobank, an Innovative Digital Resource for Biomedical Research Collecting Imaging and Clinical Data From Human Healthy and Pathological Subjects. 2021 , 8,		1

2210	FARGO: A Joint Framework for FAZ and RV Segmentation from OCTA Images. 2021 , 42-51	2
2209	Diabetic Retinopathy Diagnosis From Fundus Images Using Stacked Generalization of Deep Models. 2021 , 9, 108276-108292	27
2208	Structural, optical and dielectric properties of tellurium-based double perovskite SrNi Zn TeO.. 2021 , 11, 31631-31640	1
2207	Optical-Mechanical Configuration of Imaging Operation for Endoscopic Scanner: A Review. 2021 , 1-1	0
2206	Intelligent Bayesian regularization networks for bio-convective nanofluid flow model involving gyro-tactic organisms with viscous dissipation, stratification and heat immersion. 2021 , 15, 1508-1530	6
2205	Mucin-16 targeted mesoporous nano-system for evaluation of cervical cancer via dual-modal computed tomography and ultrasonography.	3
2204	Spin state of a single-molecule magnet (SMM) creating long-range ordering on ferromagnetic layers of a magnetic tunnel junction - a Monte Carlo study.. 2021 , 11, 32275-32285	2
2203	Sand Transport Processes. 2021 ,	0
2202	Probing the performance of imide linked micro-porous polymers for enhanced CO2 gas adsorption applications. 2021 , 45, 15487-15496	1
2201	Exceptional Changes in Skeletal Anatomy under Domestication: The Case of Brachycephaly. 2021 , 3, obab023	0
2200	Effects of land-use intensification and environmental stressors on intraspecific functional traits variability in bumblebees.	
2199	Adsorption of chloroquine and hydroxychloroquine as potential drugs for SARS-CoV-2 infection on BC3 nanosheets: a DFT study.	5
2198	Unsupervised Learning Model to Uncover. 2021 , 544-559	
2197	Synthetic preparations and atomic scale engineering of silver nanoparticles for biomedical applications. 2021 , 13, 13923-13942	5
2196	Modulating extraction and retention of fluorinated β -diketonate metal complexes in perfluorocarbons through the use of non-fluorinated neutral ligands.	1
2195	Cram \acute{e} -Rao Bound Evaluations of Compton Imager Designs for Proton Beam Range Verification. 2021 , 1-1	
2194	Biotechnological peculiarities of microalgae chlorella production and use in poultry. 2021 , 285, 03002	
2193	An integrated network analysis approach to identify potential key genes, transcription factors, and microRNAs regulating human hematopoietic stem cell aging. 2021 , 17, 967-984	

2192	Explosive molecule sensing at lattice defect sites in metallic carbon nanotubes.	3
2191	Automatic Acoustic Mosquito Tagging with Bayesian Neural Networks. 2021 , 351-366	
2190	Structural stability and evolution of half-metallicity in BaCaMoO: interplay of hole- and electron-doping. 2021 , 23, 19472-19481	5
2189	The Possibility of Integrating NV Magnetometer Array by Using Wireless Microwave Excitation and its Application in Remote Heart Sound Records. 2021 , 1-1	3
2188	A novel diagnostic test to screen SARS-CoV-2 variants containing E484K and N501Y mutations. 2021 , 10, 994-997	6
2187	Newly synthesized MAX phase ZrSeC: DFT insights into physical properties towards possible applications.. 2021 , 11, 16892-16905	9
2186	The Power of Proxy Data and Proxy Networks for Hyper-parameter Optimization in Medical Image Segmentation. 2021 , 456-465	3
2185	Toward the Assessment of Intrinsic Geometry of Implicit Brain MRI Manifolds. 2021 , 9, 131054-131071	1
2184	Comparative assessment of RNA-dependent RNA polymerase (RdRp) inhibitors under clinical trials to control SARS-CoV2 using rigorous computational workflow.. 2021 , 11, 29015-29028	3
2183	Conjugation of a smart polymer to doxorubicin through a pH-responsive bond for targeted drug delivery and improving drug loading on graphene oxide.. 2021 , 11, 18809-18817	3
2182	Impact of close interpersonal contact on COVID-19 incidence: evidence from one year of mobile device data. 2021 ,	4
2181	Quantitative assessment of retinal thickness and vessel density using optical coherence tomography angiography in patients with Alzheimer's disease and glaucoma. 2021 , 16, e0248284	5
2180	Rapid genomic surveillance of SARS-CoV-2 in a dense urban community using environmental (sewage) samples.	8
2179	Nanoindentation for Monitoring the Time-Variant Mechanical Strength of Drug-Loaded Collagen Hydrogel Regulated by Hydroxyapatite Nanoparticles. 2021 , 6, 9269-9278	5
2178	Amorphous nanoparticles in clays, soils and marine sediments analyzed with a small angle X-ray scattering (SAXS) method. <i>Scientific Reports</i> , 2021 , 11, 6997	4.9 3
2177	Modelling of malaria risk, rates, and trends: A spatiotemporal approach for identifying and targeting sub-national areas of high and low burden. 2021 , 17, e1008669	1
2176	Sensing and making sense of tourism flows and urban data to foster sustainability awareness: a real-world experience. 2021 , 8, 51	4
2175	Evaluation of the Human Vocal Fold Lamina Propria Development Using Optical Coherence Tomography. 2021 , 131, E2558-E2565	1

2174	Complementary resource preferences spontaneously emerge in diauxic microbial communities.		0
2173	Genome-wide association analysis of bean fly resistance and agro-morphological traits in common bean. 2021 , 16, e0250729		1
2172	The mysterious ecosystem at the ocean's surface. 2021 , 19, e3001046		4
2171	An optical modulator with ridge-type silicon waveguide based on graphene and MoS2 layers and improved modulation depth. 2021 , 53, 1		3
2170	Wave propagation characteristics and absorbed energy capability of the electrically doubly curved system reinforced by nanocomposite on viscoelastic substrate. 1-18		0
2169	Influence of Fiber Diameters on the Thermal Conductivity of Liquid Crystal Epoxy Resin Film. 2021 ,		0
2168	The potential role of thermohaline shear instability in turbulence production in the Bering Sea and the subarctic North Pacific. 2021 , 77, 431-446		3
2167	Fragmented sleep relates to hallucinations across perceptual modalities in the general population. <i>Scientific Reports</i> , 2021 , 11, 7735	4.9	0
2166	Numerical approach towards gyrotactic microorganisms hybrid nanoliquid flow with the hall current and magnetic field over a spinning disk. <i>Scientific Reports</i> , 2021 , 11, 8948	4.9	19
2165	Real world evidence of calcifediol use and mortality rate of COVID-19 hospitalized in a large cohort of 16,401 Andalusian patients.		2
2164	Design and synthesis of a new magnetic aromatic organo-silane star polymer with unique nanoplate morphology and hyperthermia application. 1		2
2163	Smart walking assistant (SWA) for elderly care using an intelligent realtime hybrid model. 1		5
2162	In-Stent Restenosis Progression in Human Superficial Femoral Arteries: Dynamics of Lumen Remodeling and Impact of Local Hemodynamics. 2021 , 49, 2349-2364		9
2161	Phytoremediation Potential of <i>E. camaldulensis</i> and <i>M. alba</i> for Copper, Cadmium, and Lead Absorption in Urban Areas of Faisalabad City, Pakistan. 2021 , 15, 597-612		0
2160	Regional opening strategies with commuter testing and containment of new SARS-CoV-2 variants.		1
2159	Shell density of planktonic foraminifera and pteropod species <i>Limacina helicina</i> in the Barents Sea: Relation to ontogeny and water chemistry. 2021 , 16, e0249178		2
2158	Lessons Across Scales: Molecular Ecology and Wildlife Conservation. 2021 , 101, 117-123		
2157	Reconcile the debate over protective effects of BCG vaccine against COVID-19. <i>Scientific Reports</i> , 2021 , 11, 8356	4.9	14

2156	An investigation of the effect of smartphone-based pain management application on pain intensity and the quality-of-life dimensions in adolescents with chronic pain: a cluster randomized parallel-controlled trial. 2021 , 30, 3431-3442		1
2155	Spatially distributed infection increases viral load in a computational model of SARS-CoV-2 lung infection.		0
2154	Stress field estimation by the geoid undulations of the Samos-Kuadas Bay and implications for seismogenic behavior. 2021 , 69, 1137-1149		0
2153	Inferring the COVID-19 IFR with a simple Bayesian evidence synthesis of seroprevalence study data and imprecise mortality data.		3
2152	Characterizing polymer structure with small-angle neutron scattering: A Tutorial. 2021 , 129, 171101		10
2151	Vectorial application for the illustration of archaeological lithic artefacts using the "Stone Tools Illustrations with Vector Art" (STIVA) Method. 2021 , 16, e0251466		2
2150	Sampling bias minimization in disease frequency estimates.		
2149	Distinguishing African bovids using Zooarchaeology by Mass Spectrometry (ZooMS): New peptide markers and insights into Iron Age economies in Zambia. 2021 , 16, e0251061		5
2148	The efficacy and safety of Favipiravir in treatment of COVID-19: a systematic review and meta-analysis of clinical trials. <i>Scientific Reports</i> , 2021 , 11, 11022	4.9	65
2147	The nonlinear initiation of side-branching by activator-inhibitor-substrate (Turing) morphogenesis. 2021 , 31, 051102		1
2146	VC Nanosheets as Dual-Functional Antibacterial Agents.. 2021 , 4, 4215-4223		5
2145	When COVID-19 enters in a community setting: an exploratory qualitative study of community perspectives on COVID-19 affecting mental well-being. 2021 , 11, e049851		8
2144	Multistep pulse compressor for 10s to 100s PW lasers. 2021 , 29, 17140-17158		2
2143	Field and Laboratory Testing of Feeding Stimulants to Enhance Insecticide Efficacy Against Spotted-Wing Drosophila, <i>Drosophila suzukii</i> (Matsumura). 2021 , 114, 1638-1646		1
2142	Phase transition of the 2-Choices dynamics on core-periphery networks. 2021 , 34, 207-225		0
2141	Molecular characterization of leaf spot caused by <i>Alternaria alternata</i> on buttonwood (<i>Conocarpus erectus</i> L.) and determination of pathogenicity by a novel disease rating scale. 2021 , 16, e0251471		4
2140	Behind the Mask: Emotion Recognition in Healthcare Students. 2021 , 31, 1-5		7
2139	Small RNA, Transcriptome and Degradome Analysis of the Transgenerational Heat Stress Response Network in Durum Wheat. 2021 , 22,		4

2138	Research on Performance Evaluation and Optimization Theory for Thermal Microscope Imaging Systems. 2021 , 11, 5897		
2137	Loss of structural balance in stock markets. <i>Scientific Reports</i> , 2021 , 11, 12230	4.9	
2136	Optimization of cobalt concentration for improved magnetic characteristics and stability of CoxFe3-xO4 mixed ferrite nanomagnetic fluids. 2021 , 265, 124476		11
2135	Pore Structure Characteristics and Evolution Law of Different-Rank Coal Samples. 2021 , 2021, 1-17		1
2134	Observation of the Terahertz Pulse Shaping Due to Intensity-Induced Additional Phase in Two-Color Filaments. 2021 , 42, 647-655		0
2133	Pure and Linear Frequency-Conversion Temporal Metasurface. 2021 , 15,		6
2132	Seasonal variation in SARS-CoV-2 transmission in temperate climates.		9
2131	Materials Engineering of Violin Soundboards by Stradivari and Guarneri. 2021 , 133, 19293-19303		2
2130	Particle movements provoke avalanche-like compaction in soft colloid filter cakes. <i>Scientific Reports</i> , 2021 , 11, 12836	4.9	2
2129	Utilization of Eichhornia crassipes biomass for production of biochar and its feasibility in agroecosystems: a review. 2021 , 4, 285-297		3
2128	A soil-based pressure sensor for human motion monitoring. 2021 , 32, 18282-18290		
2127	Photo-Electrochemical Performance of Interpenetration-Structured Heterojunction by Overlapping CuO and ZnO Nanorod Arrays. 2021 , 168, 066508		1
2126	Zinc biofortification potential of diverse mungbean [Vigna radiata (L.) Wilczek] genotypes under field conditions. 2021 , 16, e0253085		6
2125	CorCast: A Distributed Architecture for Bayesian Epidemic Nowcasting and its Application to District-Level SARS-CoV-2 Infection Numbers in Germany.		0
2124	Investigation of theoretical scaling laws using large eddy simulations for airborne spreading of viral contagion from sneezing and coughing. 2021 , 33, 063318		10
2123	Vertical and seasonal changes in soil carbon pools to vegetation degradation in a wet meadow on the Qinghai-Tibet Plateau. <i>Scientific Reports</i> , 2021 , 11, 12268	4.9	4
2122	Effects of Kaolin Addition on Mechanical Properties for Cemented Coal Gangue-Fly Ash Backfill under Uniaxial Loading. 2021 , 14, 3693		4
2121	A generalized deep learning framework for whole-slide image segmentation and analysis. <i>Scientific Reports</i> , 2021 , 11, 11579	4.9	15

2120	Increased Tumor Growth Rate and Mesenchymal Properties of NSCLC-Patient-Derived Xenograft Models during Serial Transplantation. 2021 , 13,	2
2119	MorphVAE: Generating Neural Morphologies from 3D-Walks using a Variational Autoencoder with Spherical Latent Space.	1
2118	Riboswitches for Controlled Expression of Therapeutic Transgenes Delivered by Adeno-Associated Viral Vectors. 2021 , 14,	4
2117	768-ary Laguerre-Gaussian-mode shift keying free-space optical communication based on convolutional neural networks. 2021 , 29, 19807-19818	5
2116	Fast and strong amplifiers of natural selection. 2021 , 12, 4009	8
2115	Materials Engineering of Violin Soundboards by Stradivari and Guarneri. 2021 , 60, 19144-19154	4
2114	Inhibition of Hsp90 Counteracts the Established Experimental Dermal Fibrosis Induced by Bleomycin. 2021 , 9,	1
2113	A simulation-based study on water radiolysis species for 1H+, 4He2+, and 12C6+ ion beams with multiple ionization using Geant4-DNA. 2021 , 129, 244702	0
2112	Rapid fabrication of hydrogel micropatterns by projection stereolithography for studying self-organized developmental patterning. 2021 , 16, e0245634	
2111	Life Cycle Assessment (LCA) of Particleboard: Investigation of the Environmental Parameters. 2021 , 13,	0
2110	A new deep belief network-based multi-task learning for diagnosis of Alzheimer's disease. 1	7
2109	Coordination games in cancer.	2
2108	Evaluating marginal genetic correlation of associated loci for complex diseases and traits between European and East Asian populations. 2021 , 140, 1285-1297	3
2107	Quantum speed limit for thermal states. 2021 , 103,	4
2106	Physicochemical modification of chitosan adsorbent: a perspective. 1	3
2105	Architecting functionalized carbon microtube/carrollite nanocomposite demonstrating significant microwave characteristics. <i>Scientific Reports</i> , 2021 , 11, 11932	4.9 12
2104	Evaluating the utility of high-resolution proximity metrics in predicting the spread of COVID-19. 2021 ,	
2103	Segmentation of Pancreatic Ductal Adenocarcinoma (PDAC) and surrounding vessels in CT images using deep convolutional neural networks and texture descriptors.	

2102	Land cover classification of spaceborne multifrequency SAR and optical multispectral data using machine learning. 2021 , 69, 1726-1726		5
2101	Health Risk Assessment of Arsenic, Manganese, and Iron from Drinking Water for High School Children. 2021 , 232, 1		0
2100	Evidence of the 1950 Great Assam Earthquake Surface Break Along the Mishmi Thrust at Namche Barwa Himalayan Syntaxis. 2021 , 48, e2020GL090893		8
2099	Preparation of an easy and low-cost electrochemical sensor for cysteine detection based on over-oxidized poly (thiophene) modified gold electrode. 2021 , 75, 5719-5728		0
2098	Modelling and implementation of soft bio-mimetic turtle using echo state network and soft pneumatic actuators. <i>Scientific Reports</i> , 2021 , 11, 12076	4.9	5
2097	Noise Performance and Long-Term Stability of Near- and Mid-IR Gas-Filled Fiber Raman Lasers. 2021 , 39, 3560-3567		3
2096	Towards Computer Vision and Deep Learning Facilitated Pollination Monitoring for Agriculture. 2021 ,		1
2095	Effect of dietary pumpkin (<i>Cucurbita moschata</i>) seed meal on layer performance and egg quality characteristics. 2021 ,		3
2094	Study of structural, magnetic and optical properties of oxygen plasma-treated manganese-doped iron oxide photocatalyst for wastewater treatment. 2021 , 127, 1		1
2093	Estimation of unsteady hydromagnetic Williamson fluid flow in a radiative surface through numerical and artificial neural network modeling. <i>Scientific Reports</i> , 2021 , 11, 14509	4.9	20
2092	RT-LAMP: A Cheaper, Simpler and Faster Alternative for the Detection of SARS-CoV-2 in Wastewater. 2021 , 13, 447-456		6
2091	Marginal and internal fit and intaglio surface trueness of interim crowns fabricated from tooth preparation of four finish line locations. <i>Scientific Reports</i> , 2021 , 11, 13947	4.9	0
2090	Dilated Semantic Segmentation for Breast Ultrasonic Lesion Detection Using Parallel Feature Fusion. 2021 , 11,		23
2089	The synergistic interference effect of silica nanoparticles concentration and the wavelength of ELISA on the colorimetric assay of cell toxicity. <i>Scientific Reports</i> , 2021 , 11, 15133	4.9	3
2088	Biocompatibility and Biological Performance Evaluation of Additive-Manufactured Bioabsorbable Iron-Based Porous Suture Anchor in a Rabbit Model. 2021 , 22,		2
2087	Connecting mountains and desert valleys for black bears in northern Mexico. 2021 , 36, 2811-2830		1
2086	The relative expression of miR-31, miR-29, miR-126, and miR-17 and their mRNA targets in the serum of COVID-19 patients with different grades during hospitalization. 2021 , 26, 75		6
2085	Self-body recognition and attitudes towards body image in younger and older women. 2021 , 1		1

2084	Machine learning with electrocardiograms: A call for guidelines and best practices for 'stress testing' algorithms. 2021 , 69S, 1-6		3
2083	Application of chemoresistive gas sensors and chemometric analysis to differentiate the fingerprints of global volatile organic compounds from diseases. Preliminary results of COPD, lung cancer and breast cancer. 2021 , 518, 83-92		11
2082	Membrane composition is a functional determinant of NIR-activable liposomes in orthotopic head and neck cancer.. 2021 , 10, 3169-3185		3
2081	Simultaneously Enhanced Thermal Conductivity and Dielectric Breakdown Strength in Sandwich ALN/Epoxy Composites. 2021 , 11,		18
2080	Bifunctional nanoprecipitates strengthen and ductilize a medium-entropy alloy. 2021 , 595, 245-249		32
2079	Covasim: An agent-based model of COVID-19 dynamics and interventions. 2021 , 17, e1009149		72
2078	Breast invasive ductal carcinoma classification on whole slide images with weakly-supervised and transfer learning.		2
2077	Evaluation on soil fertility quality under biochar combined with nitrogen reduction. <i>Scientific Reports</i> , 2021 , 11, 13792	4.9	2
2076	Target-based drug discovery, ADMET profiling and bioactivity studies of antibiotics as potential inhibitors of SARS-CoV-2 main protease (M). 2021 , 1-15		7
2075	Depression, Anxiety and Stress Among Arsenic-Induced Cancer Patients in Indo-Gangetic Plains of Bihar: Role of Proactive Coping. 2021 , 272684X211033460		2
2074	Time-temperature Thresholds and Safety Factors for Thermal Hazards from Radiofrequency Energy above 6 GHz. 2021 , 121, 234-247		3
2073	Recent Progress in LDH@Graphene and Analogous Heterostructures for Highly Active and Stable Photocatalytic and Photoelectrochemical Water Splitting. 2021 , 16, 2211-2248		14
2072	Breakpoint modelling of temporal associations between non-pharmaceutical interventions and symptomatic COVID-19 incidence in the Republic of Ireland. 2021 , 16, e0255254		
2071	Effects of illuminance and correlated color temperature of indoor light on emotion perception. <i>Scientific Reports</i> , 2021 , 11, 14351	4.9	4
2070	Filling the gaps: The mitogenomes of Afrotropical egg-guarding frogs based on historical type material and a re-assessment of the nomenclatural status of <i>Alexeteroon Perret</i> , 1988 (<i>Hyperoliidae</i>). 2021 , 293, 215-224		1
2069	Impact of autocatalytic chemical reaction in an Ostwald-de-Waele nanofluid flow past a rotating disk with heterogeneous catalysis. <i>Scientific Reports</i> , 2021 , 11, 15526	4.9	5
2068	Radical pairs can explain magnetic field and lithium effects on the circadian clock.		
2067	Insights into the predictability and similarity of COVID-19 worldwide lethality.		1

2066	A Three-Coil Setup for Controlled Divergence in Magnetic Nozzle. 2021 , 49, 2227-2237		4
2065	Improving prediction of COVID-19 evolution by fusing epidemiological and mobility data. <i>Scientific Reports</i> , 2021 , 11, 15173	4.9	8
2064	Influence of various operational parameters in enhancing photocatalytic reduction efficiency of carbon dioxide in a photoreactor: A review. 2021 , 99, 19-47		15
2063	Excitation enhancement of surface plasmon polaritons from an annular plasmonic coupler based on internal corrugations and a central nanowire. 2021 , 20, 1721-1728		
2062	Strategic Approach Towards Plastic Waste Valorization: Challenges and Promising Chemical Upcycling Possibilities. 2021 , 14, 4007-4027		17
2061	Secret Sharing Based Multiparty Quantum Computation for Multiplication. 2021 , 60, 3417-3425		0
2060	Deep Learning with Neuroimaging and Genomics in Alzheimer's Disease. 2021 , 22,		8
2059	Ginsenoside Rg3 in combination with artesunate overcomes sorafenib resistance in hepatoma cell and mouse models. 2021 ,		1
2058	The Analysis of Morphoradiological Parameters in Predicting Risk of Basilar Artery Tip Aneurysm Rupture: A Retrospective Cohort Study. 2021 , 14, 3335-3342		1
2057	Site-Specific Variation in Radiomic Features of Head and Neck Squamous Cell Carcinoma and Its Impact on Machine Learning Models. 2021 , 13,		1
2056	In-season training responses and perceived wellbeing and recovery status in professional soccer players. 2021 , 16, e0254655		2
2055	CT-derived 3D-diaphragm motion in emphysema and IPF compared to normal subjects. <i>Scientific Reports</i> , 2021 , 11, 14923	4.9	1
2054	Early Clinical Outcomes of Intrasccleral Fixation Using an Intraocular Lens with Hook-Shaped Haptics. 2021 , 15, 2885-2892		
2053	A pseudohomogeneous nanocarrier based on carbon quantum dots decorated with arginine as an efficient gene delivery vehicle. <i>Scientific Reports</i> , 2021 , 11, 13790	4.9	9
2052	Implication of fluid rheology on the Cattaneo-Christov heat flux theory for fourth grade nanofluid over a riga device with thermal radiation. 2021 , 35, 2150189		
2051	Exploring the environmental and potential therapeutic applications of Myrtus communis L. assisted synthesized zinc oxide (ZnO) and iron doped zinc oxide (Fe-ZnO) nanoparticles. 2021 , 25, 101278		14
2050	Hepatoblastomas with carcinoma features represent a biological spectrum of aggressive neoplasms in children and young adults.		0
2049	Thyroid Profile and Factors Associated with Hypothyroidism Among Multidrug-Resistant Tuberculosis Patients Attending Saint Peter's Specialized Hospital Addis Ababa, Ethiopia. 2021 , 14, 2675-2684		

2048	Increased physical inactivity and weight gain during the COVID-19 pandemic in Sri Lanka: An online cross-sectional survey. 2021 , 15, 102185		2
2047	Iodine containing porous organosilica nanoparticles trigger tumor spheroids destruction upon monochromatic X-ray irradiation: DNA breaks and K-edge energy X-ray. <i>Scientific Reports</i> , 2021 , 11, 14192	4.9	3
2046	Mechanics of Biohybrid Valveless Pump-Bot. 2021 , 88,		0
2045	Multiple slips impact in the MHD hybrid nanofluid flow with Cattaneo-Christov heat flux and autocatalytic chemical reaction. <i>Scientific Reports</i> , 2021 , 11, 14625	4.9	15
2044	On the modelling of the vibration behaviors via discrete singular convolution method for a high-order sector annular system. 1		11
2043	The desirable dielectric properties and high thermal conductivity of epoxy composites with the cobweb-structured SiCnw/BiO ₂ /H ₂ hybrids. 2021 , 32, 20973-20984		12
2042	An overview on cellulose-supported semiconductor photocatalysts for water purification. 2021 , 6, 1		8
2041	Multi-Rate Kalman Filter for Carrier Phase Recovery in 200 Gbps PDM Coherent Optical Receivers. 2021 ,		
2040	Differential Expression of the Androgen Receptor, Splice Variants and Relaxin 2 in Renal Cancer. 2021 , 11,		0
2039	High-resolution particle separation by inertial focusing in high aspect ratio curved microfluidics. <i>Scientific Reports</i> , 2021 , 11, 13959	4.9	1
2038	South Africa's multiple vulnerabilities, food security and livelihood options in the COVID-19 new order: An annotation. 2021 , 17,		2
2037	A systematic review on AI/ML approaches against COVID-19 outbreak. 2021 , 7, 1-24		17
2036	Testing the accuracy of 3D automatic landmarking via genome-wide association studies.		
2035	Team numerical advantage in Australian rules football: A missing piece of the scoring puzzle?. 2021 , 16, e0254591		0
2034	Anxiety and fear related to coronavirus disease 2019 assessment in the Spanish population: A cross-sectional study. 2021 , 104, 368504211038191		3
2033	Topological network based drug repurposing for coronavirus 2019. 2021 , 16, e0255270		1
2032	Effect of nonlinear radiation on flow and heat transfer of dusty fluid over a stretching cylinder with Cattaneo-Christov heat flux. 2150156		0
2031	Basking shark sub-surface behaviour revealed by animal-towed cameras. 2021 , 16, e0253388		0

2030	What can visual electrophysiology tell about possible visual-field defects in paediatric patients. 2021 , 35, 2354-2373	1
2029	Gut integrity and duodenal enteropathogen burden in undernourished children with environmental enteric dysfunction. 2021 , 15, e0009584	0
2028	COVID-19 Disease Severity among People with HIV Infection or Solid Organ Transplant in the United States: A Nationally-representative, Multicenter, Observational Cohort Study. 2021 ,	5
2027	Biochar in Combination with Nitrogen Fertilizer is a Technique: To Enhance Physiological and Morphological Traits of Rice (<i>Oryza sativa</i> L.) by Improving Soil Physio-biochemical Properties. 1	7
2026	Solution of novel multi-fractional multi-singular LaneÉmden model using the designed FMNEICS. 1	5
2025	Machine learning in optical coherence tomography angiography. 2021 , 246, 2170-2183	7
2024	A Review on the Development of Gold and Silver Nanoparticles-Based Biosensor as a Detection Strategy of Emerging and Pathogenic RNA Virus. 2021 , 21,	6
2023	Consequences of FourierÉ and FickÉ laws in bioconvective couple stress nanofluid flow configured by an inclined stretchable cylinder. 2021 , 35, 2150176	3
2022	Entropy generation approach with heat and mass transfer in magnetohydrodynamic stagnation point flow of a tangent hyperbolic nanofluid. 2021 , 42, 1205-1218	20
2021	Macular Optical Coherence Tomography Imaging in Glaucoma. 2021 , 16, 478-489	1
2020	Steps towards a computational ethology: an automatized, interactive setup to investigate filial imprinting and biological predispositions. 2021 , 115, 575-584	0
2019	Dimensions of social categorization: Inside the role of language. 2021 , 16, e0254513	0
2018	X-ray computed tomography for non-invasive dendrochronology reveals a concealed double panelling on a painting from Rubens' studio. 2021 , 16, e0255792	2
2017	Extracellular Heat Shock Proteins as Therapeutic Targets and Biomarkers in Fibrosing Interstitial Lung Diseases. 2021 , 22,	1
2016	The Response of Nutrient Uptake, Photosynthesis and Yield of Tomato to Biochar Addition under Reduced Nitrogen Application. 2021 , 11, 1598	0
2015	MHD stagnation point flow of nanofluid over a curved stretching/shrinking surface subject to the influence of Joule heating and convective condition. 2021 , 26, 101184	36
2014	Parallel LC shaped metamaterial resonator for C and X band satellite applications with wider bandwidth. <i>Scientific Reports</i> , 2021 , 11, 16247	4.9 3
2013	SARS-CoV-2 Suppression and Early Closure of Bars and Restaurants : A Longitudinal Natural Experiment.	

2012	Mobile device use among preschool-aged children in Greece. 2021 , 1-34	5
2011	Vietnamese real estate corporations' performance using the hybrid model of data envelopment analysis and grey system theory. 1	0
2010	Mental health during the first wave of COVID-19 in Canada, the USA, Brazil and Italy. 2021 , 1-9	1
2009	Partitioning of gene expression among zebrafish photoreceptor subtypes. <i>Scientific Reports</i> , 2021 , 11, 17340	4.9 2
2008	When do we need massive computations to perform detailed COVID-19 simulations?.	
2007	Impact of meteorological drought on agriculture production at different scales in Punjab, Pakistan.	6
2006	Therapeutic drug monitoring of antimicrobial drugs in neonates. An opinion paper. 2021 ,	1
2005	MoCL: Data-driven Molecular Fingerprint via Knowledge-aware Contrastive Learning from Molecular Graph.. 2021 , 2021, 3585-3594	4
2004	COVID-19 pandemic in Saint Petersburg, Russia: combining surveillance and population-based serological study data in May, 2020-April, 2021.	3
2003	PVDF composites filled with core-shell fillers of Si@SiO ₂ , Si@SiO ₂ @PS: effects of multiple shells on dielectric properties and thermal conductivity. 2021 , 32, 23429-23444	1
2002	Oxidative Inactivation of SARS-CoV-2 on Photoactive AgNPs@TiO Ceramic Tiles. 2021 , 22,	7
2001	What causes spatial inequalities of low-carbon development in China's transport sector? A newly proposed meta-frontier DEA-based decomposition approach. 2021 , 101151	2
2000	Bioconvection transport of Carreau nanofluid with magnetic dipole and nonlinear thermal radiation. 2021 , 26, 101129	14
1999	Multidrug-resistant <i>Acinetobacter baumannii</i> as an emerging concern in hospitals. 2021 , 48, 6987-6998	15
1998	How protection of honey bees can help and hinder bee conservation. 2021 , 46, 112-118	10
1997	Utilization of a triple hexagonal split ring resonator (SRR) based metamaterial sensor for the improved detection of fuel adulteration. 2021 , 32, 24258-24272	3
1996	An early Miocene manatee from Colombia and the initial Sirenian invasion of freshwater ecosystems. 2021 , 109, 103277	1
1995	Organic Amendment and Mulching Enhanced the Growth and Fruit Quality of Squash Plants (<i>Cucurbita pepo</i> L.) Grown on Silty Loam Soils. 2021 , 7, 269	4

1994	Liquid-like adsorbent assembled by CNTs: Serving as renewable CO2 capture materials for indoor air. 2021 , 63, 574-574		1
1993	Asymmetric alterations of white matter integrity in patients with insomnia disorder. 2021 , 1		0
1992	Complete genome sequence of Halomonas boliviensis strain knpp38, a chlorine-resistant bacterium isolated from the early-stage marine biofilm.. 2022 , 62, 100890		0
1991	The parametric study of hybrid nanofluid flow with heat transition characteristics over a fluctuating spinning disk. 2021 , 16, e0254457		10
1990	Prevascularized Micro-/Nano-Sized Spheroid/Bead Aggregates for Vascular Tissue Engineering. 2021 , 13, 182		10
1989	Phenotyping and phenomics in aquaculture breeding. 2021 , 7, 140-140		1
1988	Corrosion Inhibition of Mg Alloy ZEK100 Sheet Metal by Dissolved Lithium Carbonate. 2021 , 168, 081507		0
1987	Impact of Hall Current on a 3D Casson Nanofluid Flow Past a Rotating Deformable Disk with Variable Characteristics. 2021 , 46, 12653		7
1986	Delineating reclamation zones for site-specific reclamation of saline-sodic soils in Dushak, Turkmenistan. 2021 , 16, e0256355		2
1985	A well-trained artificial neural network for predicting the rheological behavior of MWCNT-AIO (30-70%)/oil SAE40 hybrid nanofluid. <i>Scientific Reports</i> , 2021 , 11, 17696	4.9	3
1984	Intelligent Sensor for Thermal Process Control using Convolutional Neural Network. 2021 , 1993, 012027		1
1983	SARS-CoV-2 infection in UK university students: lessons from September-December 2020 and modelling insights for future student return. 2021 , 8, 210310		4
1982	Bioconvective Reiner-Rivlin nanofluid flow over a rotating disk with Cattaneo-Christov flow heat flux and entropy generation analysis. <i>Scientific Reports</i> , 2021 , 11, 15859	4.9	14
1981	The prediction and analysis of COVID-19 epidemic trend by combining LSTM and Markov method. <i>Scientific Reports</i> , 2021 , 11, 17421	4.9	10
1980	Self-Perceived Voice Handicap During COVID19 Compulsory Facemask Use: A Comparative Study Between Portuguese and Spanish Speakers. 2021 ,		
1979	DFENet: A Novel Dimension Fusion Edge Guided Network for Brain MRI Segmentation. 2021 , 2, 1		1
1978	Population structure and genetic diversity of chickpea germplasms.		
1977	Effect of glucagon-like peptide-1 receptor agonists in subjects with type 2 diabetes mellitus: A meta-analysis. 2021 , 46, 1650-1658		3

1976	Iterative stability analysis for general polynomial control systems. 2021 , 105, 3139-3148		1
1975	Dynamic mode decomposition in adaptive mesh refinement and coarsening simulations. 2021 , 1-28		3
1974	MyoView: Fully-automated image segmentation method to analyse skeletal muscle cross section in exercise-induced regenerating myofibers.		0
1973	A common gene drive language eases regulatory process and eco-evolutionary extensions. 2021 , 21, 156		1
1972	Variations in Wedge Earthquake Distribution along the Strike Underlain by Thermally Controlled Hydrated Megathrusts. 2021 , 11, 7268		1
1971	Identifying structural connectivity priorities in eastern Paraguay's fragmented Atlantic Forest. <i>Scientific Reports</i> , 2021 , 11, 16129	4.9	2
1970	Itch: epidemiology, clinical presentation, and diagnostic workup. 2021 ,		5
1969	D-dimer as a biomarker for assessment of COVID-19 prognosis: D-dimer levels on admission and its role in predicting disease outcome in hospitalized patients with COVID-19. 2021 , 16, e0256744		34
1968	Peristaltic Blood Transport in Non-Newtonian Fluid Confined by Porous Soaked Tube: A Numerical Study Through Galerkin Finite Element Technique. 1		0
1967	Diabetes increases the risk of COVID-19 in an altitude dependent manner: An analysis of 1,280,806 Mexican patients. 2021 , 16, e0255144		4
1966	State of Charge Estimation of Lithium-Ion Batteries Based on Fuzzy Fractional-Order Unscented Kalman Filter. 2021 , 5, 91		4
1965	Impact of vaccine supplies and delays on optimal control of the COVID-19 pandemic: mapping interventions for the Philippines. 2021 , 10, 107		8
1964	Subcortical structures and visual divergent thinking: a resting-state functional MRI analysis. 2021 , 226, 2617-2627		0
1963	Functional data analysis characterizes the shapes of the first COVID-19 epidemic wave in Italy. <i>Scientific Reports</i> , 2021 , 11, 17054	4.9	12
1962	Strontium isotope evidence for Neanderthal and modern human mobility at the upper and middle palaeolithic site of Fumane Cave (Italy). 2021 , 16, e0254848		1
1961	Effects of sample rheology on the equilibrium position of particles and cells within a spiral microfluidic channel. 2021 , 25, 1		1
1960	Fabrication of polyethyleneimine surface-functionalized fluorescent carbon dots and its applications towards highly sensitive and selective detection of glutathione in aqueous medium and in vitro cell imaging of HeLa cells. 2021 , 32, 23215-23231		0
1959	Forecasting Covid-19: SARMA-ARCH approach. 2021 , 11, 1-10		2

1958	Decorated Cu NPs on Lignin coated magnetic nanoparticles: Its performance in the reduction of nitroarenes and investigation of its anticancer activity in A549 lung cancer cells. 2021 , 14, 103299		6
1957	Longitudinal stability of urinary extracellular vesicle protein patterns within and between individuals. <i>Scientific Reports</i> , 2021 , 11, 15629	4.9	1
1956	Ultralight, High Capacitance, Mechanically Strong Graphene-Cellulose Aerogels. 2021 , 26,		3
1955	Identification of loci associated with susceptibility to Mycobacterium avium subsp. paratuberculosis infection in Holstein cattle using combinations of diagnostic tests and imputed whole-genome sequence data. 2021 , 16, e0256091		3
1954	Highly Sensitive THz Refractive Index Sensor Based on Folded Split-Ring Metamaterial Graphene Resonators. 1		7
1953	Novel Intelligent Spatiotemporal Grid Earthquake Early-Warning Model. 2021 , 13, 3426		0
1952	Machine learning for manually-measured water quality prediction in fish farming. 2021 , 16, e0256380		3
1951	Lay perspectives of the open-label placebo rationale: a qualitative study of participants in an experimental trial. 2021 , 11, e053346		0
1950	Productivity Analysis of Fuyu Oil Shale In-Situ Pyrolysis by Injecting Hot Nitrogen. 2021 , 14, 5114		1
1949	A multi-bioassay integrated approach to assess antifouling potential of extracts from the Mediterranean sponge Ircinia oros. 2021 , 1		1
1948	Von Karman rotating nanofluid flow with modified Fourier law and variable characteristics in liquid and gas scenarios. <i>Scientific Reports</i> , 2021 , 11, 16442	4.9	6
1947	Environmental risk evaluation of overseas mining investment based on game theory and an extension matter element model. <i>Scientific Reports</i> , 2021 , 11, 16364	4.9	3
1946	Topological quantum phase transitions and criticality in a longer-range Kitaev chain. 2021 , 104,		1
1945	Thermal transport of hybrid nanofluids with entropy generation: A numerical simulation. 2021 , 35, 2150218		3
1944	Probing the role of methyl methacrylate release from spacer materials in induced membrane bone healing. 2021 ,		0
1943	Method of lines for the analysis of tunable plasmonic devices composed of graphene-dielectric stack arrays. 2021 , 29, 28787-28804		1
1942	Recent omics-based computational methods for COVID-19 drug discovery and repurposing. 2021 , 22,		3
1941	A spatio-temporal statistical model to analyze COVID-19 spread in the USA. 1-20		1

1940	Rationale for the Combined Use of Biological Processes and AOPs in Wastewater Treatment Tasks. 2021 , 11, 7551		2
1939	Fractional model for MHD flow of Casson fluid with cadmium telluride nanoparticles using the generalized Fourier's law. <i>Scientific Reports</i> , 2021 , 11, 16117	4.9	6
1938	Multiscale parareal algorithm for long-time mesoscopic simulations of microvascular blood flow in zebrafish. 2021 , 68, 1131-1152		4
1937	Geological Evidence of Great Earthquakes along the Eastern Himalayan Foothills. 2021 , 97, 823-826		2
1936	Preparation of self-healing hydrogel toward improving electromagnetic interference shielding and energy efficiency. <i>Scientific Reports</i> , 2021 , 11, 16161	4.9	11
1935	Steering of Guided Light with Graphene Metasurface for Refractive Index Sensing with High Figure of Merits. 1		4
1934	Eco-hydrology as a driver for tidal restoration: Observations from a Ramsar wetland in eastern Australia. 2021 , 16, e0254701		3
1933	Protective Role of Genetic Variants in HSP90 Genes-Complex in COPD Secondary to Biomass-Burning Smoke Exposure and Non-Severe COPD Forms in Tobacco Smoking Subjects. 2021 , 43, 887-899		3
1932	Synthesis and electrochemical evaluation of cobalt-based ZIF-67 with its potential as direct use electrode materials for supercapacitors. 2021 , 100, 248-259		2
1931	Protective effects of propolis extract against nicotine-evoked pulmonary and hepatic damage. 2021 , 1		1
1930	Optimization of 2-Chlorophenol Removal Using Ultrasound/Persulfate: Prediction by RSM Method, Biodegradability Improvement of Petrochemical Refinery Wastewater. 1		1
1929	MTF1 Is Essential for the Expression of MT1B, MT1F, MT1G, and MT1H Induced by PHMG, but Not CMIT, in the Human Pulmonary Alveolar Epithelial Cells. 2021 , 9,		3
1928	Morphology and medium influence on microwave characteristics of nanostructures: A review. 2021 , 56, 17457-17477		11
1927	Er ³⁺ /Nd ³⁺ ions reinforced lead-borate glasses: an extensive investigation of physical, linear optical characteristics, and photon shielding capacity. 2021 , 14, 3161-3170		1
1926	Marked efficiency enhancement of 222 nm AlGaIn-based deep-UV LEDs for disinfection of SARS-2 (Covid-19). 2021 ,		
1925	Evaluation of patient experience for a computationally-guided intranasal spray protocol to augment therapeutic penetration.		0
1924	Potential inhibitors of the main protease of SARS-CoV-2 and modulators of arachidonic acid pathway: Non-steroidal anti-inflammatory drugs against COVID-19. 2021 , 136, 104686		5
1923	Intelligent computing for the dynamics of entropy optimized nanofluidic system under impacts of MHD along thick surface. 2150269		15

1922	Chitosan-hydroxyapatite-MWCNTs nanocomposite patch for bone tissue engineering applications. 2021 , 28, 102615		5
1921	Reservoir analysis of a CO2 sequestration site: Experiment-guided field scale modeling. 2021 ,		
1920	The opportunistic intracellular bacterial pathogen <i>Rhodococcus equi</i> elicits type I interferon by engaging cytosolic DNA sensing in macrophages. 2021 , 17, e1009888		2
1919	Discrete Human Activity Recognition and Fall Detection by Combining FMCW RADAR Data of Heterogeneous Environments for Independent Assistive Living. 2021 , 10, 2237		8
1918	Metformin and sodium dichloroacetate effects on proliferation, apoptosis, and metabolic activity tested alone and in combination in a canine prostate and a bladder cancer cell line. 2021 , 16, e0257403		2
1917	A numerical study of chemical reaction in a nanofluid flow due to rotating disk in the presence of magnetic field. <i>Scientific Reports</i> , 2021 , 11, 19399	4.9	5
1916	A Hopf physical reservoir computer. <i>Scientific Reports</i> , 2021 , 11, 19465	4.9	1
1915	Interactions between favipiravir and a BNC cage towards drug delivery applications. 2021 , 1-9		0
1914	Acceptance sampling inspection plan for the Lindley and power Lindley distributed quality characteristics. 1		1
1913	Natural Disaster Prediction by Using Image Based Deep Learning and Machine Learning. 2022 , 56-66		2
1912	In vivo harmonic generation microscopy for monitoring the height of basal keratinocytes in solar lentigines after laser depigmentation treatment. 2021 , 12, 6129-6142		0
1911	An adaptive approach to machine learning for compact particle accelerators. <i>Scientific Reports</i> , 2021 , 11, 19187	4.9	1
1910	Effects of hypoxia and nanocarrier size on pH-responsive nano-delivery system to solid tumors. <i>Scientific Reports</i> , 2021 , 11, 19350	4.9	13
1909	A global alfalfa diversity panel reveals genomic selection signatures in Chinese varieties and genomic associations with root development. 2021 , 63, 1937-1951		5
1908	Characterization of Phosphate Solubilizing Bacterial Endophytes and Plant Growth Promotion In Vitro and in Greenhouse. 2021 , 9,		11
1907	The Cyberball task in people after obesity surgery: preliminary evaluation of cognitive effects of social inclusion and exclusion with a laboratory task. 2021 , 1		0
1906	Planning ahead: Dynamic models forecast blue whale distribution with applications for spatial management.		2
1905	A Deep Learning Perspective on Dropwise Condensation. 2021 , 8, e2101794		3

1904	Analysis of Mechanical and Tribological Properties of Silicon Incorporated Diamond like Carbon Nanocomposite Coating. 1	0
1903	Defense Suppression through Interplant Communication Depends on the Attacking Herbivore Species. 2021 , 47, 1049-1061	1
1902	Evaluating the long-term impact of projected climate on rice-lentil-groundnut cropping system in Lower Gangetic Plain of India using crop simulation modelling. 2021 , 1	2
1901	Aerosol SARS-CoV-2 in hospitals and long-term care homes during the COVID-19 pandemic. 2021 , 16, e0258151	4
1900	Facial masks affect emotion recognition in the general population and individuals with autistic traits. 2021 , 16, e0257740	8
1899	Need for a risk-based control strategy for managing glycosylation profile for biosimilar products. 2021 , 1-9	1
1898	Correlation-Driven Transient Hole Dynamics Resolved in Space and Time in the Isopropanol Molecule. 2021 , 11,	2
1897	Dynamic covariance modeling with artificial neural networks. 1-22	
1896	Broadband tunable perfect absorber with high absorptivity based on double layer graphene. 2021 , 11, 3398	1
1895	Synthesis and Characterization of Antibacterial Carbopol/ZnO Hybrid Nanoparticles Gel. 2021 , 11, 1092	5
1894	Genomic evidence for divergent co-infections of SARS-CoV-2 lineages.	4
1893	Machine Learning in Pain Medicine: An Up-To-Date Systematic Review. 2021 , 10, 1067-1084	2
1892	Breast cancer detection using an ensemble deep learning method. 2021 , 70, 103009	4
1891	Hemp/glass woven fabric reinforced laminated nanocomposites via in-situ synthesized silver nanoparticles from <i>Tilia cordata</i> leaf extract. 1-19	7
1890	The presence of toxic metals in tillage soils of Chittagong hill tracts in Bangladesh and the resultant health risk. 1-20	1
1889	Comparative Analysis of Five Nanoparticles in the Flow of Viscous Fluid with Nonlinear Radiation and Homogeneous/Heterogeneous Reaction. 1	2
1888	Transcriptome repository of North-Western Himalayan endangered medicinal herbs: a paramount approach illuminating molecular perspective of phytoactive molecules and secondary metabolism. 2021 , 296, 1177-1202	1
1887	Numerical study of heat transfer and friction drag in MHD viscous flow of a nanofluid subject to the curved surface. 1-16	3

1886	The role of cell surface proteins gene expression in diagnosis, prognosis, and drug resistance of colorectal cancer: In silico analysis and validation. 2021 , 123, 104688		1
1885	Less COVID-19 deaths in southern and insular Italy explained by forest bathing, Mediterranean environment, and antiviral plant volatile organic compounds. 2021 , 1-11		11
1884	An adaptive hybrid system using deep learning for wind speed forecasting. 2021 , 581, 495-495		8
1883	Analysis of Trend and Associated Factors of Neuropsychological Development of Infants and Toddlers Based on Longitudinal Data. 2021 , 8,		
1882	Maxwell time-dependent nanofluid flow over a wedge covered with gyrotactic microorganism: an activation energy process. 2021 , 1-11		9
1881	Was Sleep a Problem for the Elderly During COVID-19?. 2021 , 5, 1-7		1
1880	Electrophoretically Deposited Green Synthesized Silver Nanoparticles Anchored in Reduced Graphene Oxide Composite Based Electrochemical Sensor for Detection of Bisphenol A. 2021 , 168, 097504		2
1879	Using informative features in machine learning based method for COVID-19 drug repurposing. 2021 , 13, 70		4
1878	Development of marker-free insect resistant transgenic okra (L. Moench) expressing the gene and identification of vector backbone-free events. 2021 , 27, 2379-2387		1
1877	Current progress of fluoroquinolones-increased risk of aortic aneurysm and dissection. 2021 , 21, 470		2
1876	The pattern of brain-size change in the early evolution of cetaceans. 2021 , 16, e0257803		
1875	Natural selection at the RASGEF1C (GGC) repeat in human and divergent genotypes in late-onset neurocognitive disorder. <i>Scientific Reports</i> , 2021 , 11, 19235	4.9	1
1874	A functional polymorphism in the donor associates with long-term graft survival after kidney transplantation.. 2022 , 15, 278-286		2
1873	Microstructure evolution and phase transformation kinetics of low cost Ti-35421 titanium alloy during continuous heating. 2021 , 14, 620-630		1
1872	Donor-Derived Cell-Free DNA to Diagnose Graft Rejection Post-Transplant: Past, Present and Future. 2021 , 2, 348-361		0
1871	Comparison of Water and Gas Tracers Field Breakthrough. 2021 ,		2
1870	PRINCESS: comprehensive detection of haplotype resolved SNVs, SVs, and methylation. 2021 , 22, 268		0
1869	Climate variables effect on fruiting pattern of Kinnow mandarin (Citrus nobilis Lour [C. deliciosa Tenora) grown at different agro-climatic regions. <i>Scientific Reports</i> , 2021 , 11, 18177	4.9	0

1868	Sulfur ion irradiation experiments simulating space weathering of Solar System body surfaces. Organosulfur compound formation.		1
1867	Non-linear convective flow of the thin film nanofluid over an inclined stretching surface. <i>Scientific Reports</i> , 2021 , 11, 18410	4.9	11
1866	UV Inactivation of SARS-CoV-2 across the UVC Spectrum: KrCl* Excimer, Mercury-Vapor, and Light-Emitting-Diode (LED) Sources. 2021 , 87, e0153221		14
1865	Mechanical enhancement for EMW-absorbing cementitious material using 3D concrete printing. 2021 , 41, 102763		18
1864	Variability and association among some pomological and physiochemical traits in spring frost tolerant genotypes of Persian walnut (<i>Juglans regia</i> L.) and selection of genotypes with superior traits based on machine learning algorithms. 1		1
1863	Antifungal features and properties of chitosan/sandalwood oil Pickering emulsion coating stabilized by appropriate cellulose nanofiber dosage for fresh fruit application. <i>Scientific Reports</i> , 2021 , 11, 18412	4.9	3
1862	Integrating magnetic capabilities to intracellular chips for cell trapping. <i>Scientific Reports</i> , 2021 , 11, 184949		19
1861	Towards Highly Efficient Chalcopyrite Photocathodes for Water Splitting: The Use of Cocatalysts beyond Pt. 2021 , 14, 4671-4679		1
1860	Design and Computational Analysis of a Chimeric Avian Influenza Antigen: A Yeast-displayed, Universal and Cross-protective Vaccine Candidate.		
1859	Improving Heat Stress Tolerance in <i>Camelina sativa</i> and <i>Brassica napus</i> Through Thiourea Seed Priming. 2021 , 1		3
1858	An Analysis of the Work Resumption in China under the COVID-19 Epidemic Based on Night Time Lights Data. 2021 , 10, 614		3
1857	Network Diffusion Embedding Reveals Transdiagnostic Subnetwork Disruption and Potential Treatment Targets in Internalizing Psychopathologies. 2021 ,		0
1856	Identifying Factors Associated with Head Impact Kinematics and Brain Strain in High School American Football via Instrumented Mouthguards. 2021 , 49, 2814-2826		3
1855	Bowling alone or distancing together? The role of social capital in excess death rates from COVID19. 2021 , 284, 114241		8
1854	City profile of an ordinary secondary city of Eastern India: Raiganj City. 2021 , 120, 103436		0
1853	Optimizing Mueller polarimetry in noisy systems through over-determination. 2021 , 60, 9594-9606		
1852	Effect of Novel Bioactive Glass-Containing Dentin Adhesive on the Permeability of Demineralized Dentin. 2021 , 14,		1
1851	Effects of combined tannic acid/fluoride on sulfur transformations and methanogenic pathways in swine manure. 2021 , 16, e0257759		0

1850	Differences in the dynamics of community disaster resilience across the globe. <i>Scientific Reports</i> , 2021 , 11, 17625	4.9	3
1849	Estimating the drivers of urban economic complexity and their connection to economic performance. 2021 , 8, 210670		2
1848	Emerging roles of miRNAs in the development of pancreatic cancer. 2021 , 141, 111914		7
1847	Semiconducting phase of hafnium dioxide under high pressure: a theoretical studied by quasi-particle GW calculations.		2
1846	Soret and Dufour effects on a Casson nanofluid flow past a deformable cylinder with variable characteristics and Arrhenius activation energy. <i>Scientific Reports</i> , 2021 , 11, 19282	4.9	1
1845	Waveguide-based total internal reflection fluorescence microscope enabling cellular imaging under cryogenic conditions. 2021 , 29, 34097-34108		
1844	Molecular dynamics and protein frustration analysis of human fused in Sarcoma protein variants in Amyotrophic Lateral Sclerosis type 6: An In Silico approach. 2021 , 16, e0258061		1
1843	Electrophoretic concentration and production of conductive coatings from silver nanoparticles stabilized with non-ionic surfactant Span 80. 2021 , 625, 126961		1
1842	Optimization of Tracer Injection Schemes for Improved History Matching. 2021 ,		0
1841	Viper venoms drive the macrophages and hepatocytes to sequester and clear platelets: novel mechanism and therapeutic strategy for venom-induced thrombocytopenia. 2021 , 95, 3589-3599		0
1840	Influence of air supply on coal spontaneous combustion during support withdrawal in fully mechanized coal mining and its prevention. <i>Scientific Reports</i> , 2021 , 11, 19330	4.9	1
1839	Controlled pore growth for enhanced photoluminescence of ceramic phosphors. 2021 , 202, 114008		1
1838	Nanoparticle Production of Terminalia Chebula Extracts by Expansion of Supercritical Solution (ESS). 2150037		
1837	Improving shipboard electronics cooling system by optimizing the heat sinks configuration. 2021 ,		5
1836	A study of a computational BVP for heat transfer and friction drag in magnetohydrodynamics viscous flow of a nanofluid subject to the curved surface. 095440892110464		5
1835	Photosynthetic performance of rocket (<i>Eruca sativa</i> . Mill.) grown under different regimes of light intensity, quality, and photoperiod. 2021 , 16, e0257745		7
1834	Genomic signatures of artificial selection in the Pacific oyster, .. 2022 , 15, 618-630		1
1833	A Comprehensive Review on Synthetic Insecticides: Toxicity to Pollinators, Associated Risk to Food Security, and Management Approaches. 2021 , 46, 254		0

1832	Further innovative optical solitons of fractional nonlinear quadratic-cubic Schrödinger equation via two techniques. 2021 , 53, 1		0
1831	Multi-scale guided feature extraction and classification algorithm for hyperspectral images. <i>Scientific Reports</i> , 2021 , 11, 18396	4.9	1
1830	Natural zeolite as a chromium VI removal agent in tannery effluents. 2021 , 7, e07974		2
1829	Supervised neural networks learning algorithm for three dimensional hybrid nanofluid flow with radiative heat and mass fluxes. 2021 , 13, 101573-101573		8
1828	Mining microbe-disease interactions from literature via a transfer learning model. 2021 , 22, 432		2
1827	Predicting medication adherence using ensemble learning and deep learning models with large scale healthcare data. <i>Scientific Reports</i> , 2021 , 11, 18961	4.9	3
1826	Wastewater, waste, and water-based epidemiology (WWW-BE): A novel hypothesis and decision-support tool to unravel COVID-19 in low-income settings?. 2022 , 806, 150680		5
1825	Application of PEST and PEHF in magneto-Williamson nanofluid depending on the suction/injection. 2021 , 27, 101329		12
1824	The antiviral activity of iota-, kappa-, and lambda-carrageenan against COVID-19: A critical review. 2021 , 12, 100826		15
1823	On the Impact of GDP per Capita, Carbon Intensity and Innovation for Renewable Energy Consumption: Worldwide Evidence. 2021 , 14, 6254		6
1822	Mapping of mothers' suffering and child mortality in Sub-Saharan Africa. <i>Scientific Reports</i> , 2021 , 11, 19544	4.9	0
1821	On hybrid nanofluid Yamada-Ota and Xue flow models in a rotating channel with modified Fourier law. <i>Scientific Reports</i> , 2021 , 11, 19590	4.9	1
1820	Performance evaluation of MACACO II Compton camera. 2021 , 1014, 165702		2
1819	Intelligent computing technique based supervised learning for squeezing flow model. <i>Scientific Reports</i> , 2021 , 11, 19597	4.9	1
1818	Accurate detection of COVID-19 using deep features based on X-Ray images and feature selection methods. 2021 , 137, 104771		9
1817	Investigation of a hybrid solar thermochemical water-splitting hydrogen production cycle and coal-fueled molten carbonate fuel cell power plant. 2021 , 47, 101458		6
1816	Recent breakthroughs of antibacterial and antiviral protective polymeric materials during COVID-19 pandemic and after pandemic: Coating, packaging, and textile applications. 2021 , 55, 101480		18
1815	Antigen receptor therapy in bone metastasis via optimal control for different human life stages. 2021 , 83, 44		0

1814	UVC-based photoinactivation as an efficient tool to control the transmission of coronaviruses. 2021 , 792, 148548	6
1813	Identification of wnt2 in the pearl mussel <i>Hyriopsis cumingii</i> and its role in innate immunity and gonadal development. 2021 , 118, 85-93	1
1812	Thermal analysis of a radiative slip flow of an unsteady casson nanofluid toward a stretching surface subject to the convective condition. 2021 , 15, 468-476	10
1811	Mitigating COVID-19 infection disease transmission in indoor environment using physical barriers. 2021 , 74, 103175	27
1810	Establishment of epidemic early warning index system and optimization of infectious disease model: Analysis on monitoring data of public health emergencies. 2021 , 65, 102547	1
1809	Non-intrusive load decomposition based on CNN-LSTM hybrid deep learning model. 2021 , 7, 5762-5771	12
1808	Natural visibility encoding for time series and its application in stock trend prediction. 2021 , 232, 107478	3
1807	Thermally-induced pore size tuning of multilayer nanoporous graphene for organic solvent nanofiltration. 2021 , 637, 119620	6
1806	Cyclic Degradation and Pore-Water Pressure Response of High-Plasticity Compacted Clay. 2021 , 147, 04021113	1
1805	Fast and scalable earth texture synthesis using spatially assembled generative adversarial neural networks. 2021 , 243, 103867	1
1804	Estimation of COVID-19 generated medical waste in the Kingdom of Bahrain. 2021 , 801, 149642	10
1803	Community-level SARS-CoV-2 sequence diversity revealed by wastewater sampling. 2021 , 801, 149691	8
1802	Development of a reproducible method for monitoring SARS-CoV-2 in wastewater. 2021 , 799, 149405	7
1801	COVID-19 induces proatherogenic alterations in moderate to severe non-comorbid patients: A single-center observational study. 2021 , 92, 102604	2
1800	Gold nanoparticle based plasmonic sensing for the detection of SARS-CoV-2 nucleocapsid proteins. 2022 , 195, 113669	10
1799	Listening to Bluetooth Beacons for Epidemic Risk Mitigation.	2
1798	Prevalence of depressive symptoms due to COVID-19 and associated factors among healthcare workers in Southern Ethiopia. 2021 , 9, 20503121211032810	4
1797	From Agriculture to Sustainable Agriculture: Prospects for Improving Pest Management in Industrial Revolution 4.0. 2021 , 1-18	1

1796	A porous PDMS pulsewave sensor with haircell structures for water vapor transmission rate and signal-to-noise ratio enhancement. 2021 , 3, 4843-4850	1
1795	Thermodynamic Properties and Bound State Solutions of Schrodinger Equation with Inversely Quadratic Yukawa/Attractive Coulomb Potential Plus a Modified Kratzer Potential.	
1794	Contrastive Learning Based Stain Normalization Across Multiple Tumor in Histopathology. 2021 , 571-580	0
1793	Bioinformatic exploration of the immune related molecular mechanism underlying pulmonary arterial hypertension. 2021 , 12, 3137-3147	2
1792	. 2021 , 9, 86899-86913	2
1791	Promising antimicrobial and antibiofilm activities of reduced graphene oxide-metal oxide (RGO-NiO, RGO-AgO, and RGO-ZnO) nanocomposites.. 2021 , 11, 25961-25975	14
1790	Neuro-Swarm heuristic using interior-point algorithm to solve a third kind of multi-singular nonlinear system. 2021 , 18, 5285-5308	4
1789	Proposing high-affinity inhibitors from Glycyrrhiza glabra L. against SARS-CoV-2 infection: virtual screening and computational analysis. 2021 , 45, 15977-15995	5
1788	Potential SARS-CoV-2 3CLpro inhibitors from chromene, flavonoid and hydroxamic acid compound based on FRET assay, docking and pharmacophore studies. 2021 , 3, 100195	4
1787	ProtTrans: Towards Cracking the Language of Life's Code Through Self-Supervised Learning.	53
1786	Polygenic Scores for Plasticity: A New Tool for Studying Gene-Environment Interplay.	5
1785	Integrative approaches to improve the informativeness of deep learning models for human complex diseases.	2
1784	C-H and C-C bond activation of propane to propylene and ethylene selectivity assisted by CO ₂ over titania catalysts.	1
1783	Towards the development of flexible carbon nanotube-parafilm nanocomposites and their application as bioelectrodes.. 2021 , 11, 34193-34205	
1782	Biocompatible MOF-808 as an iodophor antimicrobial agent with controlled and sustained release of iodine.	3
1781	Design of an Adaptable mHealth System Supporting a Psycho-educational Program for Pregnant Women with SGA Foetuses. 2021 , 125-135	0
1780	Machine learning meets omics: applications and perspectives. 2021 ,	3
1779	Representing Data on a Quantum Computer. 2021 , 147-176	0

1778	Smile Like You Mean It: Driving Animatronic Robotic Face with Learned Models. 2021 ,		0
1777	Visual Perspective Taking for Opponent Behavior Modeling. 2021 ,		1
1776	Mitochondrial augmentation of CD34 cells from healthy donors and patients with mitochondrial DNA disorders confers functional benefit. 2021 , 6, 58		1
1775	Gender Differences in the Impact of the COVID-19 Pandemic on Employment, Unpaid Work and Well-Being in the EU. 2021 , 56, 254-260		2
1774	Cardiac Oxidative Stress and the Therapeutic Approaches to the Intake of Antioxidant Supplements and Physical Activity. 2021 , 13,		3
1773	Chemical reaction and thermal radiation impact on a nanofluid flow in a rotating channel with Hall current. <i>Scientific Reports</i> , 2021 , 11, 19747	4.9	10
1772	Detection and analysis of COVID-19 in medical images using deep learning techniques. <i>Scientific Reports</i> , 2021 , 11, 19638	4.9	11
1771	Simple analytic model for peristaltic flow and mixing. 2021 , 6,		1
1770	Robust and universal predictive models for frictional pressure drop during two-phase flow in smooth helically coiled tube heat exchangers. <i>Scientific Reports</i> , 2021 , 11, 20068	4.9	1
1769	Opinion Dynamic Modeling of News Perception. 2021 , 6,		0
1768	Skyrmion States in Disk Geometry. 2021 , 16,		0
1767	Starch branching enzymes as putative determinants of postharvest quality in horticultural crops. 2021 , 21, 479		0
1766	Genome-Wide Identification and Functional Analysis of the Basic Helix-Loop-Helix (bHLH) Transcription Family Reveals Candidate PtFBH Genes Involved in the Flowering Process of <i>Populus trichocarpa</i> . 2021 , 12, 1439		1
1765	Biosorption of cationic Hg and Remazol brilliant blue anionic dye from binary solution using <i>Gelidium corneum</i> biomass. <i>Scientific Reports</i> , 2021 , 11, 20908	4.9	1
1764	Synthesis, characterization, crystal structure and mesomorphic behavior of thiophene based homologous series. 1-16		3
1763	Gamma Irradiation Assisted the Sol-Gel Method for Silver Modified-Nickel Molybdate Nanoparticles Synthesis: Unveiling the Antimicrobial, and Antibiofilm Activities Against Some Pathogenic Microbes. 1		6
1762	Emergence and control of photonic band structure in stacked OLED microcavities. 2021 , 12, 6111		1
1761	Factors affecting adherence to non-pharmaceutical interventions for COVID-19 infections in the first year of the pandemic in the UK. 2021 , 11, e054200		2

1760	A data calibration method for micro air quality detectors based on a LASSO regression and NARX neural network combined model. <i>Scientific Reports</i> , 2021 , 11, 21173	4.9	1
1759	Very Low Vitamin D Levels are a Strong Independent Predictor of Mortality in Hospitalized Patients with Severe COVID-19. 2021 ,		3
1758	Systematic review with meta-analysis of diagnostic test accuracy for COVID-19 by mass spectrometry. 2022 , 126, 154922		0
1757	Wildfire impacts on education and healthcare: Paradise, California, after the Camp Fire. 2021 , 1-35		1
1756	Unraveling the complexity of human behavior and urbanization on community vulnerability to floods. <i>Scientific Reports</i> , 2021 , 11, 20085	4.9	4
1755	A gene drive does not spread easily in populations of the honey bee parasite .. 2021 , 52, 1112-1127		1
1754	Gold nanoparticles (GNPs) in biomedical and clinical applications: A review.		6
1753	Toward a Comprehensive Delineation of White Matter Tract-Related Deformation. 2021 , 38, 3260-3278		5
1752	Nanostructures as Targeted Therapeutics for Combating Oral Bacterial Diseases. 2021 , 9,		1
1751	Convolutional neural network for classification of eight types of arrhythmia using 2D time-frequency feature map from standard 12-lead electrocardiogram. <i>Scientific Reports</i> , 2021 , 11, 20396	4.9	1
1750	Walking on common ground: a cross-disciplinary scoping review on the clinical utility of digital mobility outcomes. 2021 , 4, 149		6
1749	Investigating Isotopic Niche Space: Using rKIN for Stable Isotope Studies in Archaeology. 1		1
1748	Challenge of surviving COPD with COVID-19 patient: review of the literature with unusual case report. 2021 , 4, e65-e65		
1747	Toward the accurate estimation of elliptical side orifice discharge coefficient applying two rigorous kernel-based data-intelligence paradigms. <i>Scientific Reports</i> , 2021 , 11, 19784	4.9	3
1746	Darcy-Forchheimer couple stress hybrid nanofluids flow with variable fluid properties. <i>Scientific Reports</i> , 2021 , 11, 19612	4.9	10
1745	Drought-related cholera outbreaks in Africa and the implications for climate change: a narrative review. 2021 , 1-10		2
1744	Antioxidant activity and controlled-release feature of Quercetin loaded amines-functionalized magnetically porous cellulose. 51744		0
1743	Investigating transport in a tidally driven coral atoll flow using Lagrangian coherent structures. 2021 , 66, 4017		0

1742	Assorted soliton structures of solutions for fractional nonlinear Schrodinger types evolution equations. 2021 ,		0
1741	A new optimization algorithm to solve multi-objective problems. <i>Scientific Reports</i> , 2021 , 11, 20326	4.9	3
1740	Impact of ionic liquids on absorption behaviour of natural fibers/biopolyethylene biocomposites. <i>Scientific Reports</i> , 2021 , 11, 20483	4.9	
1739	Polylactic acid face masks: Are these the sustainable solutions in times of COVID-19 pandemic?. 2021 , 807, 151084		6
1738	Small, immature pterosaurs from the Cretaceous of Africa: implications for taphonomic bias and palaeocommunity structure in flying reptiles. 2021 , 105061		0
1737	Molecular characterization and antifungal activity against non-dermatophyte molds causing onychomycosis. <i>Scientific Reports</i> , 2021 , 11, 20736	4.9	0
1736	Modeling the influence of vaccine administration on COVID-19 testing strategies.		1
1735	Niclosamide for Covid-19: bridging the gap. 2021 , 48, 8195-8202		13
1734	A novel deep learning system for multi-class tooth segmentation and classification on cone beam computed tomography. A validation study. 2021 , 115, 103865		6
1733	Responses of leached nitrogen concentrations and soil health to winter rye cover crop under no-till corn-soybean rotation in the northern Great Plains. 2021 ,		0
1732	Hi-C Resolution Enhancement with Genome Sequence Data.		
1731	Assessment of tissue pathology using optical polarimetry. 2021 , 37, 1907		1
1730	Characterization of Tissue Scaffolds Using Synchrotron Radiation Microcomputed Tomography Imaging. 2021 , 27, 573-588		6
1729	Fabrication of clay soil/CuFeO nanocomposite toward improving energy and shielding efficiency of buildings. <i>Scientific Reports</i> , 2021 , 11, 20832	4.9	6
1728	Longitudinal associations of fiber, vegetable, and fruit intake with quality of life and fatigue in colorectal cancer survivors up to 24 months post-treatment. 2021 ,		2
1727	Analysis of Thick-Walled Spherical Shells Subjected to Various Temperature Gradients: Thermo-Elasto-Plastic and Residual Stress Studies.		1
1726	Cave Microbes as a Potential Source of Drugs Development in the Modern Era. 2021 , 1		3
1725	Enhancement of photocatalytic and biological activities of chitosan/activated carbon incorporated with TiO nanoparticles. 2021 , 1		2

1724	Comparison of antibody immune responses between BNT162b2 and mRNA-1273 SARS-CoV-2 vaccines in naïve and previously infected individuals.		0
1723	Study of pre-seismic thoron anomaly using empirical mode decomposition based Hilbert Huang transform at Indo-Burman subduction region. 2021 , 330, 1571		1
1722	Mask wearing increases eye involvement during smiling: a facial EMG study. <i>Scientific Reports</i> , 2021 , 11, 20370	4.9	1
1721	Extreme swell wave energy and its directional characteristics in the Indian Ocean. 1		1
1720	Use of a graph neural network to the weighted gene co-expression network analysis of Korean native cattle.		
1719	Understanding the Basis of Occurrence, Biosynthesis, and Implications of Thermostable Alkaline Proteases. 2021 , 193, 4113-4150		4
1718	Safety and immunogenicity of CpG 1018 and aluminium hydroxide-adjuvanted SARS-CoV-2 S-2P protein vaccine MVC-COV1901: interim results of a large-scale, double-blind, randomised, placebo-controlled phase 2 trial in Taiwan. 2021 , 9, 1396-1406		20
1717	Analysis of Newtonian heating and higher-order chemical reaction on a Maxwell nanofluid in a rotating frame with gyrotactic microorganisms and variable heat source/sink. 2021 , 33, 101645		7
1716	Fiber-Based Biopolymer Processing as a Route toward Sustainability. 2021 , e2105196		10
1715	Thermal features and heat transfer enhancement of a Casson fluid across a porous stretching/shrinking sheet: Analysis of dual solutions. 2021 , 28, 101594		11
1714	Fitbeat: COVID-19 estimation based on wristband heart rate using a contrastive convolutional auto-encoder. 2022 , 123, 108403		2
1713	Desertification of Iran in the early twenty-first century: assessment using climate and vegetation indices. <i>Scientific Reports</i> , 2021 , 11, 20548	4.9	4
1712	Vermicompost and biochar can alleviate cadmium stress through minimizing its uptake and optimizing biochemical properties in <i>Berberis integerrima</i> bunge. 2021 , 1		6
1711	Optimal glucose, HbA1c, glucose-HbA1c ratio and stress-hyperglycaemia ratio cut-off values for predicting 1-year mortality in diabetic and non-diabetic acute myocardial infarction patients. 2021 , 20, 211		2
1710	Characterization, theoretical investigation, and biological applications of Mn(II), Co(II), Ni(II), Cu(II), and Zn(II) complexes of a triazene ligand containing a benzothiazole ring. e6466		1
1709	COVID-19: Impact on linguistic and genetic isolates of India. 2021 ,		
1708	Improved defense responses in modern barley cultivars compared to wild relatives against <i>Rhizoctonia solani</i> . 2021 , 21, 100442		
1707	Regional excess mortality during the 2020 COVID-19 pandemic: a study of five European countries.		1

1706	The Contribution of Microorganisms to Soil Organic Carbon Accumulation under Fertilization Varies among Aggregate Size Classes. 2021 , 11, 2126	4
1705	Prediction of municipality-level winter wheat yield based on meteorological data using machine learning in Hokkaido, Japan. 2021 , 16, e0258677	0
1704	Comparative effectiveness of pharmacological interventions on mortality and the average length of hospital stay of patients with COVID-19: a systematic review and meta-analysis of randomized controlled trials. 2021 ,	0
1703	On the size-dependent dynamics of curved single-walled carbon nanotubes conveying fluid based on nonlocal theory. 2021 , 232, 4729	3
1702	An initial evaluation of the safety of a disposable oscillating positive expiratory pressure device in patients with chronic obstructive pulmonary disease: a sort-term pilot study. 2021 , 21, 326	0
1701	Exit Decisions in the Canadian Grain Elevator Industry. 1	
1700	Nanocarbons in quantum regime: An emerging sustainable catalytic platform for organic synthesis. 1-55	4
1699	Heat transport mechanism via ion-slip and hall current in viscoplastic flow along a porous elastic sheet. 095440892110515	3
1698	Mechanically Strong, Low Thermal Conductivity and Improved Thermal Stability Polyvinyl Alcohol-Graphene-Nanocellulose Aerogel. 2021 , 7,	2
1697	Extracellular vesicle release and uptake by the liver under normo- and hyperlipidemia. 2021 , 78, 7589-7604	4
1696	Prediction of severe COVID-19 infection at the time of testing: A machine learning approach.	
1695	Epigenetic extracellular vesicle-based biomarkers for urological malignancies: is the hope worth the hype?. 2021 , 13, 1514-1521	
1694	Numerical investigation of nanofluid flow using CFD and fuzzy-based particle swarm optimization. <i>Scientific Reports</i> , 2021 , 11, 20973	4.9 2
1693	Differential Effect of Iron and Myelin on Susceptibility MRI in the Substantia Nigra. 2021 , 301, 682-691	0
1692	Sentinel-1 and RADARSAT Constellation Mission InSAR Assessment of Slope Movements in the Southern Interior of British Columbia, Canada. 2021 , 13, 3999	1
1691	Contrasting responses of large carnivores to land use management across an Asian montane landscape in Iran. 2021 , 30, 4023-4037	3
1690	De novo Prediction of Cell-Drug Sensitivities Using Deep Learning-based Graph Regularized Matrix Factorization.	
1689	Feature distribution learning by passive exposure.	

- 1688 Enhancing the spatial resolution of hyperpolarized carbon-13 MRI of human brain metabolism using structure guidance. **2021**, 1
- 1687 Fractional order stagnation point flow of the hybrid nanofluid towards a stretching sheet. *Scientific Reports*, **2021**, 11, 20429 4.9 16
- 1686 Genetic variability and evolutionary dynamics of atypical Papaya ringspot virus infecting Papaya. **2021**, 16, e0258298 3
- 1685 Estimating the biomass of rice by combining GF-1 and RADARSAT-2 data. **2021**, 14, 1
- 1684 Tipping the balance: intricate roles of the complement system in disease and therapy. **2021**, 43, 757-771 6
- 1683 Delayed epidemic peak caused by infection and recovery rate fluctuations. **2021**, 31, 101107 2
- 1682 Machine learning based models to predict frost characteristics on cryogenic surfaces under forced convection conditions. **2021**, 129, 105667 4
- 1681 Food habit and climate change impacts on agricultural water security during the peak population period in China. **2021**, 258, 107211 1
- 1680 Autofluorescent imprint of chronic constriction nerve injury identified by deep learning. **2021**, 160, 105528 0
- 1679 Ultraviolet germicidal irradiation is effective against SARS-CoV-2 in contaminated makeup powder and lipstick. **2021**, 8, 100072 1
- 1678 Thin-film flow of Carreau fluid over a stretching surface including the couple stress and uniform magnetic field. **2021**, 4, 100162 2
- 1677 Predicting the potential sites of *Chromolaena odorata* and *Lantana camara* in forest landscape of Eastern Ghats using habitat suitability models. **2021**, 66, 101455 3
- 1676 Designing signaling environments to steer transcriptional diversity in neural progenitor cell populations.
- 1675 MinION sequencing from sea ice cryoconites leads to de novo genome reconstruction from metagenomes. *Scientific Reports*, **2021**, 11, 21041 4.9 2
- 1674 Breast Invasive Ductal Carcinoma Classification on Whole Slide Images with Weakly-Supervised and Transfer Learning. **2021**, 13, 1
- 1673 Impurity Substitution Enhances Thermoelectric Figure of Merit in Zigzag Graphene Nanoribbons. **2021**, 2021, 1-10 0
- 1672 Numerical simulation for magnetized transport of hybrid nanofluids with exponential space-based heat source.
- 1671 Current Trends in Anti-corrosion Studies of Surfactants on Metals and Alloys. **2022**, 8, 1 3

1670	The wellbeing of elderly people during COVID-19 pandemic: A narrative review. 2021 , 1-8		1
1669	Data-Driven Phase Recognition of Steels for Use in Mechanical Property Prediction. 2021 ,		0
1668	Investigating immunological interaction between lymphatic filariasis and COVID-19 infection: a preliminary evidence. 2021 , 1-3		
1667	Robustness of PET Radiomics Features: Impact of Co-Registration with MRI. 2021 , 11, 10170		10
1666	A new specimen of (Pterosauria, Tapejaridae) from the Jiufotang Formation (Early Cretaceous, China). 2021 , 9, e12360		4
1665	Prevalence of preeclampsia and the associated risk factors among pregnant women in Bangladesh. <i>Scientific Reports</i> , 2021 , 11, 21339	4.9	5
1664	Psychological Distress and Depressive Symptoms Are Associated with Lower Patient Satisfaction among Adults with Glaucoma. 2021 ,		
1663	A survey on missing data in machine learning. 2021 , 8, 140		26
1662	Practical Long-Distance Measurement-Device-Independent Quantum Key Distribution By Four-Intensity Protocol. 2100069		3
1661	Broadband Au/n-GaSb Schottky photodetector array with a spectral range from 300 nm to 1700nm. 2021 , 29, 38894-38903		1
1660	Clinical prognosis evaluation of COVID-19 patients: An interpretable hybrid machine learning approach. 2021 , 70, 103319		1
1659	Wettability-patterned microchip for emerging biomedical materials and technologies. 2021 , 51, 273-273		6
1658	Current challenges in reliably targeting the noradrenergic locus coeruleus using transcutaneous auricular vagus nerve stimulation (taVNS). 2021 , 236, 102900		1
1657	Lossy quantum defect theory of ultracold molecular collisions. 2021 , 104,		3
1656	Electrospun Tungsten-Polyurethane Composite Nanofiber Mats for Medical Radiation-Shielding Applications.		1
1655	Screening and Selection of Drought-resistant <i>Aegilops Triuncialis</i> Accessions by Physiological and Molecular Markers. 1-10		
1654	A semi-automated, isolation-free, high-throughput SARS-CoV-2 reverse transcriptase (RT) loop-mediated isothermal amplification (LAMP) test. <i>Scientific Reports</i> , 2021 , 11, 21385	4.9	0
1653	First and second COVID-19 waves in Brazil: A cross-sectional study of patients' characteristics related to hospitalization and in-hospital mortality. 2022 , 6, 100107		6

1652	Biomedical and biophysical limits to mathematical modeling of pulmonary system mechanics: a scoping review on aerosol and drug delivery. 2021 , 21, 79	5
1651	Prevention and control of urinary tract stones using a smartphone-based self-care application: design and evaluation. 2021 , 21, 299	0
1650	Energy transport in axisymmetric flow on a rotating cylinder with heat source/sink and chemical reaction. 095440892110501	2
1649	Processing and properties of a Chitosan-Hyaluronic Acid-Biosilicate (CHI-HA-BioS) composite for wound healing applications. 2021 , 37, 815	1
1648	Artemisia annua L. hot-water extracts show potent activity in vitro against Covid-19 variants including delta. 2022 , 284, 114797	6
1647	The coupled dynamics of information dissemination and SEIR-based epidemic spreading in multiplex networks. 2022 , 588, 126558	2
1646	Comparative study of hybrid and nanofluid flows amidst two rotating disks with thermal stratification: Statistical and numerical approaches. 2021 , 28, 101596	6
1645	Lowering the reflection on curved flexible substrates over a broad wavelength range by the structure with Ag nanoparticles on SiO ₂ nanocolumns. 2021 , 122, 111716	1
1644	Protein biomarkers in serum as a conservation tool to assess reproduction: a case study on brown bears (). 2021 , 9, coab091	1
1643	Design and synthesis of poly-L-lysine-functionalized graphene quantum dots sensor for specific detection of cysteine and homocysteine. 2022 , 276, 125383	1
1642	Planar single and dual-resonant microwave biosensors for label-free bacteria detection. 2022 , 351, 130899	3
1641	Spatiotemporal Analysis of Covid-19 in Turkey. 2022 , 76, 103421	10
1640	Digital Literacy Gender Gap in E-Education Through Social Media During the COVID-19 Lockdown in Pakistan and Turkey. 2022 , 249-270	
1639	The inverse influence of MJO on the cyclogenesis in the north Indian Ocean. 2022 , 265, 105880	2
1638	Decoration of carbon nanomaterials with biogenic silver nanoparticles. 2022 , 127-148	0
1637	Evaluation of low cost immobilized support matrices in augmentation of biohydrogen potential in dark fermentation process using B. licheniformis AP1. 2022 , 310, 122275	2
1636	Modeling oil biodegradation and bioremediation within beaches. 2022 , 35, 100751	2
1635	Years of life lost (YLL) associated with COVID-19 deaths in Khorasan-RAZAVI province, Iran.. 2021 ,	

- 1634 CAPG-MYO: A Muscle-Computer Interface Supporting User-defined Gesture Recognition. **2021**, 1
- 1633 Quantum processing of cytidine derivatives and evaluating their in silico interactions with the COVID-19 main protease. **2021**, 1-8 2
- 1632 Investigating single amino acid substitutions in PIM1 kinase: A structural genomics approach. **2021**, 16, e0258929 5
- 1631 Autism in Higher Education: dissonance between educators' perceived knowledge and reported teaching behaviour. 1-18 1
- 1630 National variability in Americans' COVID-19 protective behaviors: Implications for vaccine roll-out. **2021**, 16, e0259257 1
- 1629 Evaluation of amino acids capped silver nanoconjugates for the altered oxidative stress and antioxidant potential in albino mice. **2021**, 36, 4344 0
- 1628 Comparing protein-protein interaction networks of SARS-CoV-2 and (H1N1) influenza using topological features.
- 1627 Excluding false negative error in certification of quantum channels. *Scientific Reports*, **2021**, 11, 21716 4.9
- 1626 Composition and functional profiles of microbial communities in two geochemically and mineralogically different caves. **2021**, 105, 8921-8936 0
- 1625 , a NAC Domain Transcription Factor, Enhances Salt Stress Tolerance in Kiwifruit. **2021**, 22, 2
- 1624 Link between serum lipid signature and prognostic factors in COVID-19 patients. *Scientific Reports*, **2021**, 11, 21633 4.9 3
- 1623 Plasma properties conditioned by the magnetic throat location in a helicon plasma device. **2021**, 130, 183301 2
- 1622 The basic reproduction number of COVID-19 across Africa.
- 1621 Extraction of P and Scholte waves from ambient seafloor noise observed by distributed acoustic sensing.
- 1620 Metamaterial based on an inverse double V loaded complementary square split ring resonator for radar and Wi-Fi applications. *Scientific Reports*, **2021**, 11, 21782 4.9 2
- 1619 Nitrosylation of Tissue Transglutaminase enhances fibroblast migration and regulates MMP activation. **2021**, 0
- 1618 Bioconvection of nanofluid flow in a thin moving needle in the presence of activation energy with surface temperature boundary conditions. 095440892110539 1
- 1617 Fire association with respiratory disease and COVID-19 complications in the State of Par  Brazil. **2022**, 6, 100102

1616	Institutional arrangements and collective action: evidence from forest management in Zimbabwe. 1-17		1
1615	A copula model integrating atmospheric moisture demand and supply for vegetation vulnerability mapping. 2021 , 151464		3
1614	An integrated computational framework to design a multi-epitopes vaccine against Mycobacterium tuberculosis. <i>Scientific Reports</i> , 2021 , 11, 21929	4.9	5
1613	Adiabatic quantum linear regression. <i>Scientific Reports</i> , 2021 , 11, 21905	4.9	9
1612	Epidermal Growth Factor Receptor Inhibition Prevents Caveolin-1-dependent Calcifying Extracellular Vesicle Biogenesis.		0
1611	Impact of melting heat transfer in the bioconvective Casson nanofluid flow past a stretching cylinder with entropy generation minimization analysis.		5
1610	The Eco-Evo Mandala: Simplifying Bacterioplankton Complexity into Ecohealth Signatures. 2021 , 23,		2
1609	Aptamer Based Switches: A Futuristic Approach for Helicobacter pylori Detection. 2021 , 131239		3
1608	Brain tumor detection and classification using machine learning: a comprehensive survey. 1		14
1607	Analysis of the effectiveness of face-coverings on the death ratio of COVID-19 using machine learning. <i>Scientific Reports</i> , 2021 , 11, 21675	4.9	0
1606	Virtual speckle-based X-ray phase-contrast and dark-field imaging with digital phantoms.		1
1605	Electro-Osmotic Flow of Prandtl Nanofluids with Thermal and Solutal Slip Flow Constraints: Keller Box Simulations. 1		1
1604	Probabilistic public health risks associated with pesticides and heavy metal exposure through consumption of common dried fish in coastal regions of Bangladesh. 2021 , 1		0
1603	The interaction of xylitol with Carboxypeptidase A: the influence of xylitol on enzyme structure and activity. 2021 , 1250, 131877		0
1602	Comparative methylation and RNA-seq expression analysis in CpG context to identify genes involved in Backfat vs. Liver diversification in Nanchukmacdon Pig. 2021 , 22, 801		1
1601	The Use of Automated Traps to Assess the Efficacy of Insecticide Barrier Treatments Against Abundant Mosquitoes in Remote Environments. 2021 ,		0
1600	Concerted impacts of antiherbivore defenses and opportunistic Serratia pathogens on the fall armyworm (<i>Spodoptera frugiperda</i>). 2021 , 1		1
1599	The impact of government responses to the COVID-19 pandemic on GDP growth: Does strategy matter?. 2021 , 16, e0259362		2

1598	Relaxation effect on crystal nucleation in a glass unveiled by experimental, numerical, and analytical approaches. 2021 , 223, 117458	3
1597	Geospatial and Machine Learning Regression Techniques for Analyzing Food Access Impact on Health Issues in Sustainable Communities. 2021 , 10, 745	5
1596	MOF-Zn-NHC as an efficient N-heterocyclic carbene catalyst for aerobic oxidation of aldehydes to their corresponding carboxylic acids a cooperative geminal anomeric based oxidation.. 2021 , 11, 36230-36236	2
1595	PFOA induces alteration in DNA methylation regulators and SARS-CoV-2 targets and in mouse lung tissues. 2021 , 8, 1892-1898	0
1594	Finite element method in thermal characterization and streamline flow analysis of electromagnetic silver-magnesium oxide nanofluid inside grooved enclosure. 2022 , 130, 105795	9
1593	Nudges for COVID-19 voluntary vaccination: How to explain peer information?. 2021 , 292, 114561	6
1592	A comparative study of the degradation efficiency of chlorinated organic compounds by bimetallic zero-valent iron nanoparticles. 2021 ,	2
1591	Bilateral Asymmetry in Balance Control During Gait in Children with Treated Unilateral Developmental Dysplasia of the Hip. 2021 , 92, 223-229	0
1590	Succinate receptor 1 inhibits mitochondrial respiration in cancer cells addicted to glutamine. 2021 , 526, 91-102	1
1589	Effects of solvent osmolarity and viscosity on cartilage energy dissipation under high-frequency loading. 2021 , 126, 105014	1
1588	Integrated life-cycle optimisation and supply-side management for building retrofitting. 2022 , 154, 111827	0
1587	Sustainable development in marine economy: Assessing carrying capacity of Shandong province in China. 2022 , 216, 105981	7
1586	From Golden Rice to Golden Diets: How to turn its recent approval into practice.. 2022 , 32, 100596	4
1585	Spatio-Temporal Analysis of Air Pollutants Changes During The COVID-19 Using Sentinel-5P in Google Earth Engine (Case Study: Java Island). 2021 ,	0
1584	Joint Semi-supervised and Active Learning for Segmentation of Gigapixel Pathology Images with Cost-Effective Labeling.. 2021 , 2021, 591-600	2
1583	Neutron Tomography of Spent Fuel Casks. 1	1
1582	The Effectiveness of the Microbial Barrier Knitted Homemade Facemasks. 1-15	
1581	Towards realistic simulations of human cough: Effect of droplet emission duration and spread angle. 2021 , 103883	1

- ¹⁵⁸⁰ A computer-aided method for controlling chemical resistance of drugs using RRKM theory in the liquid phase. *Scientific Reports*, **2021**, 11, 22971 4.9 0
- ¹⁵⁷⁹ Incidence and risk factors of gonococcal urethritis reinfection among Thai male patients in a multicenter, retrospective cohort study. *Scientific Reports*, **2021**, 11, 22992 4.9
- ¹⁵⁷⁸ Mixed convective flow of CNTs nanofluid subject to varying viscosity and reactions. *Scientific Reports*, **2021**, 11, 22838 4.9 6
- ¹⁵⁷⁷ Bioinformatic and cell-based tools for pooled CRISPR knockout screening in mosquitos. **2021**, 12, 6825 0
- ¹⁵⁷⁶ Effect of bioactive glass addition on the physical properties of mineral trioxide aggregate. **2021**, 25, 39 1
- ¹⁵⁷⁵ Measuring the bias of incorrect application of feature selection when using cross-validation in radiomics. **2021**, 12, 172 2
- ¹⁵⁷⁴ Complex behavior of COVID-19's mathematical model. **2021**, 1-7 0
- ¹⁵⁷³ Hydrogels and Hydrogel Nanocomposites: Enhancing Healthcare Through Human and Environmental Treatment. **2021**, e2101820 1
- ¹⁵⁷² Modelling aerosol-based exposure to SARS-CoV-2 by an agent based Monte Carlo method: Risk estimates in a shop and bar. **2021**, 16, e0260237 0
- ¹⁵⁷¹ Core genes involved in the regulation of acute lung injury and their association with COVID-19 and tumor progression: A bioinformatics and experimental study. **2021**, 16, e0260450 3
- ¹⁵⁷⁰ Exemplifying the next generation of antibiotic susceptibility intensifiers of phytochemicals by LasR-mediated quorum sensing inhibition. *Scientific Reports*, **2021**, 11, 22421 4.9 3
- ¹⁵⁶⁹ Rapid and flexible segmentation of electron microscopy data using few-shot machine learning. **2021**, 7, 9
- ¹⁵⁶⁸ Influences of Marangoni Convection and Variable Magnetic Field Hybrid Nanofluid Thin Film Flow past a Stretching Surface. 0
- ¹⁵⁶⁷ Assessing the Effect of Climate Variables on the Incidence of Dengue Cases in the Metropolitan Region of Panama City. **2021**, 18, 2
- ¹⁵⁶⁶ Exploring the Temporal Dynamics of County-Level Vulnerability Factors on COVID-19 Outcomes.
- ¹⁵⁶⁵ Equilibrium in soil respiration across a climosequence indicates its resilience to climate change in a glaciated valley, western Himalaya. *Scientific Reports*, **2021**, 11, 23038 4.9 1
- ¹⁵⁶⁴ Sensing Shallow Structure and Traffic Noise with Fiber-optic Internet Cables in an Urban Area. **2021**, 42, 1-23 2
- ¹⁵⁶³ Cardiopharyngeal deconstruction and ancestral tunicate sessility. **2021**, 599, 431-435 2

1562	SARS-CoV-2 infection and oxidative stress: Pathophysiological insight into thrombosis and therapeutic opportunities. 2021 ,		6
1561	Analysis of Gait Characteristics Using Hip-Knee Cyclograms in Patients with Hemiplegic Stroke. 2021 , 21,		2
1560	Molecular targets and therapeutics in chemoresistance of triple-negative breast cancer. 2021 , 39, 14		2
1559	AMMI and GGE biplot analysis for yield performance and stability assessment of selected Bambara groundnut (<i>Vigna subterranea</i> L. Verdc.) genotypes under the multi-environmental trials (METs). <i>Scientific Reports</i> , 2021 , 11, 22791	4.9	5
1558	Exploring effects of novel chemical modification of biochar on soil water retention and crack suppression: towards commercialization of production of biochar for soil remediation. 1		2
1557	Light-stimulus intensity modulates startle reflex habituation in larval zebrafish. <i>Scientific Reports</i> , 2021 , 11, 22410	4.9	0
1556	In silico analysis and expression profiling revealed Rlm1? blackleg disease-resistant genes in Chromosome 6 of <i>Brassica oleracea</i> . 2021 , 62, 969-983		
1555	Ambulatory seizure forecasting with a wrist-worn device using long-short term memory deep learning. <i>Scientific Reports</i> , 2021 , 11, 21935	4.9	3
1554	Patterns of serum immune biomarkers during elephant endotheliotropic herpesvirus viremia in Asian and African elephants. 2021 , 16, e0252175		0
1553	A Computational Screening on Inhibitability of Piper Betle Essential Oil Chemical Structures against Spike Proteins of Mutated SARS-CoV-2-variants D614G, N501Y, and S477N. 1-18		2
1552	Novel insulation panels development from multilayered coir short and long fiber reinforced phenol formaldehyde polymeric biocomposites. 2021 , 28, 1		4
1551	The environmental impact of mass coronavirus vaccinations: A point of view on huge COVID-19 vaccine waste across the globe during ongoing vaccine campaigns. 2021 , 151881		8
1550	Developing a pro-angiogenic placenta derived amniochorionic scaffold with two exposed basement membranes as substrates for cultivating endothelial cells. <i>Scientific Reports</i> , 2021 , 11, 22508	4.9	1
1549	Explainable artificial intelligence: a comprehensive review. 1		13
1548	Mesoscopic Quantification of Cortical Architecture in the Living Human Brain.		2
1547	Combining the strengths of inverse-variance weighting and Egger regression in Mendelian randomization using a mixture of regressions model. 2021 , 17, e1009922		2
1546	Noise-residue learning convolutional network model for magnetic resonance image enhancement. 2021 , 2089, 012029		
1545	Effect of ABO blood groups on length of hospital stay according to age in Covid-19 patients. 2021 ,		2

1544	The risk of iatrogenic radial nerve and/or profunda brachii artery injury in anterolateral humeral plating using a 4.5 mm narrow DCP: A cadaveric study. 2021 , 16, e0260448		1
1543	Spatiotemporal analysis of COVID-19, air pollution, climate, and meteorological conditions in a metropolitan region of Iran. 2021 , 1		0
1542	Enhancement of organic solar cell efficiency by altering the zinc oxide photoanode nanostructure morphology. 1		2
1541	Biologically synthesized iron nanoparticles (FeNPs) from <i>Phoenix dactylifera</i> have anti-bacterial activities. <i>Scientific Reports</i> , 2021 , 11, 22132	4.9	5
1540	Three-dimensional Cancer Cell Migration Directed by Dual Mechanochemical Guidance.		
1539	Drug Release Kinetics of DOX-Loaded Graphene-Based Nanocarriers for Ovarian and Breast Cancer Therapeutics. 2021 , 11, 11151		2
1538	Antimalarial treatment and minimizing prednisolone are associated with lower risk of infection in SLE: a 24-month prospective cohort study. 2021 , 1		0
1537	SARS-CoV-2 monitoring at three sewersheds of different scales and complexity demonstrates distinctive relationships between wastewater measurements and COVID-19 case data. 2021 , 816, 151534		1
1536	Protein-Protein Docking: Past, Present, and Future. 2021 , 1		1
1535	Genome-wide identification and prediction of SARS-CoV-2 mutations show an abundance of variants: Integrated study of bioinformatics and deep neural learning. 2021 , 27, 100798		0
1534	Quantification of trace elements in surgical and KN95 face masks widely used during the SARS-COVID-19 pandemic. 2021 , 151924		5
1533	Classification of COVID-19 by using supervised optimized machine learning technique. 2021 ,		2
1532	Automated Detection of Cerebral Microbleeds on MR images using Knowledge Distillation Framework.		
1531	Synthetic OCT data in challenging conditions: three-dimensional OCT and presence of abnormalities. 2021 , 60, 189		2
1530	State-of-charge estimation for the lithium-ion battery based on adaptive extended Kalman filter using improved parameter identification. 2021 , 45, 103518		6
1529	Comparative and phylogenetic analyses of eleven complete chloroplast genomes of Dipteroocarpoideae. 2021 , 16, 125		0
1528	MHD darcy-forchheimer nanofluid flow and entropy optimization in an odd-shaped enclosure filled with a (MWCNT-FeO/water) using galerkin finite element analysis. <i>Scientific Reports</i> , 2021 , 11, 22635	4.9	9
1527	Distinct neurocognitive bases for social trait judgments of faces in autism spectrum disorder.		

1526	A Comparison Study between Autism Spectrum Disorder and Typically Control in Graph Frequency Bands Using Graph and Triadic Interaction Metrics.		
1525	FEM analysis of a 125 high sensitivity graphene plasmonic biosensor for low hemoglobin concentration detection.. 2022 , 61, 120-125		0
1524	sp. nov. Causes Leaf Spots of in China. 2021 ,		0
1523	Bacterial microbiota in upper respiratory tract of COVID-19 and influenza patients. 2021 , 153537022110574731		1
1522	Safety of Chloroquine or Hydroxychloroquine Plus Azithromycin for the Treatment of COVID-19 Patients in Burkina Faso: An Observational Prospective Cohort Study. 2021 , 17, 1187-1198		0
1521	Detecting the differential genomic variants using cross-population phenotype-associated variant (XP-PAV) of the Landrace and Yorkshire pigs in Korea.. 2021 , 25, 416-423		1
1520	The effects of quality of evidence communication on perception of public health information about COVID-19: Two randomised controlled trials. 2021 , 16, e0259048		5
1519	Metabolic Transporters in the Peripheral Nerve-What, Where, and Why?. 2021 , 1		3
1518	Faces and words are both associated and dissociated as evidenced by visual problems in dyslexia. <i>Scientific Reports</i> , 2021 , 11, 23000	4.9	1
1517	Necessity of Social Distancing in Pandemic Control: A Dynamic Game Theory Approach. 2021 , 1-21		1
1516	Estimates of global SARS-CoV-2 infection exposure, infection morbidity, and infection mortality rates in 2020. 2021 , 3, 100068		5
1515	Anti-breast cancer synthetic peptides derived from the Anabas testudineus skin mucus fractions. <i>Scientific Reports</i> , 2021 , 11, 23182	4.9	1
1514	Remote drain inspection framework using the convolutional neural network and re-configurable robot Raptor. <i>Scientific Reports</i> , 2021 , 11, 22378	4.9	0
1513	Cross-property deep transfer learning framework for enhanced predictive analytics on small materials data. 2021 , 12, 6595		5
1512	The first late cretaceous mawsoniid coelacanth (Sarcopterygii: Actinistia) from North America: Evidence of a lineage of extinct 'living fossils'. 2021 , 16, e0259292		3
1511	FLIP: Benchmark tasks in fitness landscape inference for proteins.		0
1510	DP189 prevents cognitive dysfunction in D-galactose/AlCl induced mouse model of Alzheimer's disease via modulating gut microbiota and PI3K/Akt/GSK-3 β signaling pathway. 2021 , 1-13		4
1509	Laboratory Investigations of Liquefaction Mitigation of Ganga Sand Using Stable Carbon Material: A Case Study. 2021 , 7, 1		1

- 1508 Electrophysiological correlates of perceptual prediction error are attenuated in dyslexia. **2021**, 165, 108091 1
- 1507 Quantitative Analysis of the Volume Difference of Microdroplets in Vertical Contact Control. **2021**, 16, 16, 0
- 1506 A Non-Fourier and Non-Fick Approach to Study MHD Mixed Convective Copper Water Nanofluid Flow over Flat Plate Subjected to Convective Heating and Zero Wall Mass Flux Condition. **2021**, 7, 1 7
- 1505 Shifting seasonality of cyclones and western boundary current interactions in Bay of Bengal as observed during Amphan and Fani. *Scientific Reports*, **2021**, 11, 22052 4.9 2
- 1504 Environmental governance effect of the transformation of export trade mode: empirical evidence from 194 cities in China. **2021**, 1 0
- 1503 The new SUMPOT to predict postoperative complications using an Artificial Neural Network. *Scientific Reports*, **2021**, 11, 22692 4.9 2
- 1502 Requirement to change of functional brain network across the lifespan. **2021**, 16, e0260091 0
- 1501 Cultivation of hierarchical 3D scaffolds inside a perfusion bioreactor: scaffold design and finite-element analysis of fluid flow. **2021**, 3, 1 0
- 1500 Estimation of genetic diversity and its exploitation in plant breeding. 1 1
- 1499 Facial threat affects trust more strongly than facial attractiveness in women than it does in men. *Scientific Reports*, **2021**, 11, 22475 4.9 0
- 1498 Dietary chitosan promotes the growth, biochemical composition, gut microbiota, hematological parameters and internal organ morphology of juvenile *Barbonymus gonionotus*. **2021**, 16, e0260192 1
- 1497 Attentional bias to threat and gray matter volume morphology in high anxious individuals. **2021**, 1 1
- 1496 Theoretical Analysis of Cu-H₂O, Al₂O₃-H₂O, and TiO₂-H₂O Nanofluid Flow Past a Rotating Disk with Velocity Slip and Convective Conditions. **2021**, 2021, 1-10 9
- 1495 Investigating fish contamination scenario and community willingness to adopt consumption advice proposing an advisory option. **2021**, 1 0
- 1494 MUnCH: a calculator for propagating statistical and other sources of error in passive microrheology. 1 0
- 1493 Raman Imaging and Fluorescence Lifetime Imaging Microscopy for Diagnosis of Cancer State and Metabolic Monitoring. **2021**, 13, 1
- 1492 MHD radiative flow of Williamson nanofluid along stretching sheet in a porous medium with convective boundary conditions. 095440892110580 1
- 1491 Fractal-fractional dynamical system of Typhoid disease including protection from infection. 1 1

1490	Putative Internal Control Genes in Bovine Milk Small Extracellular Vesicles Suitable for Normalization in Quantitative Real Time-Polymerase Chain Reaction.. 2021 , 11,			1
1489	A new framework to substantiate the prevalence of drought intensities. 1			4
1488	A source and ground motion study of earthquakes in and near Delhi (the National Capital Region), India. 2021 , 1-21			0
1487	Captivity and habituation to humans raise curiosity in vervet monkeys. 2021 , 1			1
1486	Species richness, abundance, distributional pattern and trait composition of butterfly assemblage change along an altitudinal gradient in the Gulmarg region of Jammu & Kashmir, India.. 2022 , 29, 2262-2269			1
1485	The Critical Role of Lumped Parameter Models in Patient-Specific Cardiovascular Simulations. 1			1
1484	Photocatalytic Activity of Pure and Zinc Doped Tin Oxide Nanoparticles Synthesized by One Step Direct Injection Flame Synthesis. 1			0
1483	Ferroptosis mediates selective motor neuron death in amyotrophic lateral sclerosis. 2021 ,			3
1482	Letter to the Editor Regarding "Nationwide Prevalence of Diabetes and Prediabetes and Associated Risk Factors Among Iranian Adults: Analysis of Data from PERSIAN Cohort Study". 2021 , 13, 217			1
1481	Real world evidence of calcifediol or vitamin D prescription and mortality rate of COVID-19 in a retrospective cohort of hospitalized Andalusian patients. <i>Scientific Reports</i> , 2021 , 11, 23380	4.9		5
1480	In situ x-ray-induced acoustic computed tomography with a contrast agent: a proof of concept.. 2022 , 47, 90-93			1
1479	In-Silico Validation of Therapeutic Peptides Against Fungal Cell Wall: Better Treatment Strategy for Fungal Diseases. 2022 , 28, 15			
1478	Dietary and serum tyrosine, white matter microstructure and inter-individual variability in executive functions in overweight adults: relation to sex/gender and age.			
1477	Impact of COVID-19 lockdown on the perception of home meals and meal-related variables: a large-scale study within the Italian population during the acute phase of the pandemic. 2021 , 98, 104488			2
1476	Strategizing COVID-19 lockdowns using mobility patterns.. 2021 , 8, 210865			0
1475	Planning and Implementing the Protocol for Psychosocial Interventions by Social Workers in Iranian Healthcare Centers against COVID-19. 2021 , 1-9			1
1474	Exposure and risk characterizations of ochratoxins A and aflatoxins through maize (<i>Zea mays</i>) consumed in different agro-ecological zones of Ghana. <i>Scientific Reports</i> , 2021 , 11, 23339	4.9		3
1473	Phenotypic characterization of carbapenem non-susceptible gram-negative bacilli isolated from clinical specimens. 2021 , 16, e0256556			1

1472	The therapeutic efficacy of quercetin in combination with antiviral drugs in hospitalized COVID-19 patients: A randomized controlled trial. 2021 , 914, 174615	6
1471	A Clinical Predictive Nomogram for Traumatic Brain Parenchyma Hematoma Progression. 2021 , 1	0
1470	Displacement dynamics of trapped oil in rough channels driven by nanofluids. 2021 , 122760	2
1469	Prodrug Polymeric Nanoconjugates Encapsulating Gold Nanoparticles for Enhanced X-Ray Radiation Therapy in Breast Cancer. 2021 , e2102321	7
1468	Gut-brain mechanisms underlying changes in disordered eating behaviour after bariatric surgery: a review. 2021 , 1	0
1467	Feynman kernel analytical solutions for the deformed hyperbolic barrier potential with application to some diatomic molecules. 2021 , 96, 125260	0
1466	Low-Voltage Bacterial and Viral Killing Using Laser-Induced Graphene-Coated Non-woven Air Filters. 2021 ,	5
1465	Significance low oscillating magnetic field and Hall current in the nano-ferrofluid flow past a rotating stretchable disk. <i>Scientific Reports</i> , 2021 , 11, 23204	4.9 3
1464	The optimal emergency decision-making method with incomplete probabilistic information. <i>Scientific Reports</i> , 2021 , 11, 23400	4.9 2
1463	Supramolecular Microtubes by Self-Assembly of a CoDrug and Antifungal Activities against <i>Saccharomyces cerevisiae</i> . 2021 , 6, 12736-12741	
1462	Current status of <i>Phytophthora</i> in Australia. 2021 ,	0
1461	Data augmentation using Generative Adversarial Networks (GANs) for GAN-based detection of Pneumonia and COVID-19 in chest X-ray images. 2021 , 27, 100779	6
1460	The effect of plastic shield on the speech attenuation: A case study. 2021 ,	
1459	Using Extreme Wind-Speed Probabilistic Forecasts to Optimize Unit Scheduling Decision. 2021 , 1-1	1
1458	Application Based Cigarette Detection on Social Media Platforms Using Machine Learning Algorithms. 2021 , 68-80	
1457	Unraveling the role of DNA G-quadruplexes in transcription in the rice.. 2022 , 188, 1412-1414	
1456	An International Overview and Meta-analysis for Using the Mechanical Ventilation in the Medical Treatment. 2021 , 226-235	
1455	Surface Plasmon Resonance Biosensor with Laser Heterodyne Feedback for Highly-Sensitive and Rapid Detection of COVID-19 Spike Antigen.	

1454	Deep Learning Models with Time Delay Embedding for EEG-Based Attentive State Classification. 2021 , 307-314	0
1453	Opposite Effects of Zn Addition on the Creep Resistance at Low and High Temperatures for As-Cast Mg-15Gd Alloy.	
1452	Nanobiotic formulations as promising advances for combating MRSA resistance: susceptibilities and post-antibiotic effects of clindamycin, doxycycline, and linezolid.. 2021 , 11, 39696-39706	0
1451	Multiphysics microfluidics for cell manipulation and separation: a review.. 2022 ,	3
1450	The dolabellane diterpenes as potential inhibitors of the SARS-CoV-2 main protease: molecular insight of the inhibitory mechanism through computational studies.. 2021 , 11, 39455-39466	2
1449	Design, synthesis and screening of benzoxazole-thiazolidinone hybrids as potential inhibitors of SARS-CoV-2 proteases.. 2021 , 11, 39328-39342	0
1448	Loneliness and psychological distress before and during the COVID-19 pandemic: Relationships with social media identity bubbles.. 2021 , 293, 114674	3
1447	Effect of influenza vaccination on risk of COVID-19 - A prospective cohort study of 46,000 health care workers.. 2022 ,	0
1446	Analytical investigation of magnetized 2D hybrid nanofluid (GO + ZnO + blood) flow through a perforated capillary.. 2022 , 1-13	2
1445	Hybrid HOG-SVM encrypted face detection and recognition model. 1-14	1
1444	Female Sexual Dysfunction and Pelvic Floor Muscle Function Associated with Systemic Sclerosis: A Cross-Sectional Study.. 2022 , 19,	0
1443	Fabrication Friendly Plasmonic Metasurface Sensing and Switching Configuration Based on Plasmonic Induced Absorption: Analytical and Numerical Evaluation. 1	1
1442	Molecular Junctions: Introduction and Physical Foundations, Nanoelectrical Conductivity and Electronic Structure and Charge Transfer in Organic Molecular Junctions. 2022 , 52, 1	8
1441	The Fourier transform infrared spectroscopy (FTIR) analysis for the clay mineralogy studies in a clastic reservoir.	4
1440	The role of tinnitus distress in the development of somatization symptoms among patients: implications for health care in Pakistan. 2022 , ahead-of-print,	
1439	Convergent Validity of Ratings of Perceived Exertion During Resistance Exercise in Healthy Participants: A Systematic Review and Meta-Analysis.. 2022 , 8, 2	1
1438	RALF: an adaptive reinforcement learning framework for teaching dyslexic students.. 2022 , 81, 1-24	1
1437	Prey tells, large herbivores fear the human 'super predator'.. 2022 , 198, 91	5

1436	Path-coefficient and correlation analysis in Bambara groundnut (<i>Vigna subterranea</i> [L.] Verdc.) accessions over environments.. <i>Scientific Reports</i> , 2022 , 12, 245	4.9	0
1435	Air pollution from gas refinery through contamination with various elements disrupts semiarid Zagros oak (<i>Quercus brantii</i> Lindl.) forests, Iran.. <i>Scientific Reports</i> , 2022 , 12, 284	4.9	1
1434	Emerging advanced photonics applications of graphene and beyond-graphene 2D materials: Recent advances. 1		0
1433	Machine Learning Approach to Classify Cardiovascular Disease in Patients With Nonalcoholic Fatty Liver Disease in the UK Biobank Cohort.. 2021 , e022576		1
1432	New low-cost biofilters for SARS-CoV-2 using as a precursor.. 2022 , 331, 130000		1
1431	Evaluation of a predictive method for the H&E-based molecular profiling of breast cancer with deep learning.		0
1430	Subsurface Imaging with Ocean-Bottom Distributed Acoustic Sensing and Water Phases Reverberations.		2
1429	Relaxed risk of predation drives parallel evolution of stickleback behaviour.		
1428	Cooperation dynamics under pandemic risks and heterogeneous economic interdependence.. 2022 , 155, 111655		1
1427	Characteristics, risk factors, and outcomes associated with readmission in COVID-19 patients: A systematic review and meta-analysis.. 2021 , 52, 166-173		4
1426	Numerical analysis of heat transfer and friction drag relating to the effect of Joule heating, viscous dissipation and heat generation/absorption in aligned MHD slip flow of a nanofluid. 2022 , 131, 105843		13
1425	Epicatechin is a promising novel inhibitor of SARS-CoV-2 entry by disrupting interactions between angiotensin-converting enzyme type 2 and the viral receptor binding domain: A computational/simulation study.. 2021 , 141, 105155		2
1424	Prediction of thermo-mechanical properties of rubber-modified recycled aggregate concrete. 2022 , 318, 125970		15
1423	The COVID-19 epidemic analysis and diagnosis using deep learning: A systematic literature review and future directions.. 2021 , 141, 105141		9
1422	Artesunate induces substantial topological alterations in the SARS-CoV-2 Nsp1 protein structure.. 2022 , 101810		0
1421	ICU admission and mortality classifiers for COVID-19 patients based on subgroups of dynamically associated profiles across multiple timepoints.. 2021 , 141, 105176		
1420	A critical analysis of SARS-CoV-2 (COVID-19) complexities, emerging variants, and therapeutic interventions and vaccination strategies.. 2021 , 146, 112550		4
1419	HIV, psychological resilience, and substance misuse during the COVID-19 pandemic: A multi-cohort study.. 2021 , 231, 109230		3

1418	Elevated CO aggravates invasive thrip damage by altering its host plant nutrient and secondary metabolism.. 2021 , 295, 118736	0
1417	Polymer-grafted-carbon assembled via an electrochemically-aided atom transfer radical polymerization: Towards improved energy storage electrode. 2022 , 135, 107198	0
1416	Transfer learning based novel ensemble classifier for COVID-19 detection from chest CT-scans.. 2021 , 141, 105127	8
1415	Therapeutic potential of the PI3K inhibitor LY294002 and PARP inhibitor Talazoparib combination in BRCA-deficient triple negative breast cancer cells.. 2021 , 91, 110229	2
1414	Half-hearted policies on mobility restrictions during COVID-19 in Indonesia: A portrait of large informal economy country.. 2022 , 13, 100517	2
1413	Biosynthesis, characterization, biological and photo catalytic investigations of Elsholtzia blanda and chitosan mediated copper oxide nanoparticles. 2022 , 15, 103661	3
1412	A comprehensive overview of identified mutations in SARS CoV-2 spike glycoprotein among Iranian patients.. 2021 , 813, 146113	0
1411	Mental problems of patients recovered from COVID-19: Clinical outcomes.. 2021 , 69, 102998	
1410	Nucleation kinetics of the γ precipitate in dilute Mg alloys: A kinetic Monte Carlo study. 2022 , 210, 114480	0
1409	Exemplar pyramid deep feature extraction based cervical cancer image classification model using pap-smear images. 2022 , 73, 103428	6
1408	A network SIRX model for the spreading of COVID-19.. 2021 , 126746	0
1407	Viability of a practical multicyclic sorption-based water harvester with improved water yield.. 2021 , 211, 118029	6
1406	A convenient green protocol for oxidative esterification of arylaldehydes over Pd NPs decorated polyplex encapsulated FeO microspheres.. 2022 , 200, 132-138	2
1405	Hierarchical structured as-cast CrFeNiMn0.5Cu0.5 high entropy alloy with excellent tensile strength/ductility properties. 2022 , 210, 114473	9
1404	Prenatal exposure to the phthalate DEHP impacts reproduction-related gene expression in the pituitary.. 2021 ,	0
1403	Adsorption and decomposition of H ₂ S on C ₂ N sheet with embedded manganese atom: First-principles calculations. 2022 , 555, 111443	0
1402	Outlook of therapeutic and diagnostic competency of nanobodies against SARS-CoV-2: A systematic review.. 2022 , 640, 114546	2
1401	Playbacks of predator vocalizations reduce crop damage by ungulates. 2022 , 328, 107853	3

1400	COVID-19 social distancing compliance mechanisms: UK evidence.. 2021 , 205, 112528	3
1399	SARS-CoV-2 in hospital air as revealed by comprehensive respiratory viral panel sequencing.. 2021 , 4, 100199	2
1398	Head and neck tumor segmentation in PET/CT: The HECKTOR challenge.. 2021 , 77, 102336	50
1397	Modelling how social network algorithms can influence opinion polarization. 2022 , 588, 265-278	4
1396	Learning new physical descriptors from reduced-order analysis of bubble dynamics in boiling heat transfer. 2022 , 186, 122501	3
1395	HiVG: A hierarchical indoor visibility-based graph for navigation guidance in multi-storey buildings. 2022 , 93, 101751	0
1394	Efficiency improvement of half-tandem CIGS/perovskite solar cell by designing nano-prism nanostructure as the controllable light trapping. 2022 , 8, 1298-1308	1
1393	ZnO nanofibers prepared by plasma assisted calcination: Characterization and photocatalytic properties. 2022 , 581, 152384	1
1392	Reinventing the Micronutrients beyond Nutrition: Functions in Immune Modulation and Stress Mitigation of Fish. 2021 , 473-491	0
1391	Coaching for Behavioural Change. 2021 , 139-151	
1390	Complex Exponential Neural Network for Optical System. 2021 ,	0
1389	Trifunctional Cu-Mesh/Cu ₂ O@FeO-nanoarrays for highly efficient degradation of antibiotic, inactivation of antibiotic-resistant bacteria and damage of antibiotics resistance genes.	2
1388	Multi-layered Epoxy Composites of Micro and Nano Bi ₂ O ₃ and Ta ₂ O ₅ for E-ray Shielding. 2022 , 457-467	1
1387	A Computational Model Simulates Light-Evoked Responses in the Retinal Cone Pathway. 2021 , 2021, 4482-4486	
1386	Analyzing the Diagnostic Efficacy of Deep Vision Networks for Malignant Skin Lesion Recognition. 2021 ,	0
1385	Heat source and sink effects on periodic mixed convection flow along the electrically conducting cone inserted in porous medium.. 2021 , 16, e0260845	2
1384	Bovine serum albumin protected gold nanozymes as a novel anti-cancer nanodrug for acute T-type lymphoblastic leukemia treatment via effect on the expression of anti-apoptotic genes. 2021 , 64,	1
1383	xia2.multiplex: a multi-crystal data analysis pipeline.	

1382	Gamma-ray flash in the interaction of a tightly focused single-cycle ultra-intense laser pulse with a solid target. 2022 , 88,		0
1381	A Simple and Effective Bioassay Method Suitable to Comparative In Vitro Study of Tomato Salt Tolerance at Early Development Stages.. 2022 , 5,		0
1380	COVID-19 behavioral health and quality of life.. <i>Scientific Reports</i> , 2022 , 12, 961	4.9	5
1379	Scale-up fabrication of PVDF-HFP nanofibrous membrane with unique surface properties for efficient separation of oil from water. 004051752110733		0
1378	Effect of Interfaces on Thermal Stability of HfB 2 μ B 2 μ SiC -CNT Based Ultra High Temperature Composites.		
1377	Ocean warming alters the distributional range, migratory timing, and spatial protections of an apex predator, the tiger shark (<i>Galeocerdo cuvier</i>).. 2022 ,		4
1376	The dynamical formation of ephemeral groups on networks and their effects on epidemics spreading.. <i>Scientific Reports</i> , 2022 , 12, 683	4.9	1
1375	Origin of nonlinear force distributions in a composite system.. <i>Scientific Reports</i> , 2022 , 12, 632	4.9	0
1374	Considerations for Polymers Used in Ocular Drug Delivery.. 2021 , 8, 787644		9
1373	Prediction and Risk Assessment Models for Subarachnoid Hemorrhage: A Systematic Review on Case Studies.. 2022 , 2022, 5416726		0
1372	Nutrient use efficiency (NUE) of wheat (<i>Triticum aestivum</i> L.) as affected by NPK fertilization.. 2022 , 17, e0262771		0
1371	Hsp90 Levels in Idiopathic Inflammatory Myopathies and Their Association With Muscle Involvement and Disease Activity: A Cross-Sectional and Longitudinal Study.. 2022 , 13, 811045		0
1370	Veterinary drug therapies used for undesirable behaviours in UK dogs under primary veterinary care.. 2022 , 17, e0261139		3
1369	Identification of parameters and formulation of a statistical and machine learning model to identify <i>Babesia canis</i> infections in dogs using available ADVIA hematology analyzer data.. 2022 , 15, 41		1
1368	The impacts of increased global vaccine sharing on the COVID-19 pandemic; a retrospective modelling study.		0
1367	Global analysis of within-host SARS-CoV-2/HIV coinfection model with latency.. 2022 , 137, 174		7
1366	Reduced range size and Important Bird and Biodiversity Area coverage for the Harpy Eagle predicted from future climate change scenarios.		1
1365	Cancer exosomes and natural killer cells dysfunction: biological roles, clinical significance and implications for immunotherapy.. 2022 , 21, 15		3

1364	Eco-friendly processes for the synthesis of amorphous calcium carbonate nanoparticles in ethanol and their stabilisation in aqueous media. 2022 , 24, 1270-1284		1
1363	Increasing the performance of cucumber (<i>Cucumis sativus</i> L.) seedlings by LED illumination.. <i>Scientific Reports</i> , 2022 , 12, 852	4.9	2
1362	Gudermannian neural networks using the optimization procedures of genetic algorithm and active set approach for the three-species food chain nonlinear model.. 2022 , 1-10		6
1361	Illuminating the lineage-specific diversification of resin glycoside acylsugars in the morning glory (<i>Convolvulaceae</i>) family using computational metabolomics.. 2022 ,		0
1360	Experimental research on the spontaneous combustion of Yangquan coal induced by electrochemical oxidation of pyrite.. <i>Scientific Reports</i> , 2022 , 12, 912	4.9	0
1359	Quantum chemical studies to functionalization of boron nitride nanotube (BNNT) as effective nanocarriers. 1		
1358	Potential therapeutic options for COVID-19: an update on current evidence.. 2022 , 27, 6		13
1357	Toilet-based continuous health monitoring using urine.. 2022 ,		5
1356	Synthesis of nanocapsules blended polymeric hydrogel loaded with bupivacaine drug delivery system for local anesthetics and pain management.. 2022 , 29, 399-412		3
1355	Research on water resources pricing model under the water resources economic high-quality development coupling system: a case study of Hubei Province, China.		1
1354	Role of Small RNAs in the Interaction With the Mammalian Host.. 2021 , 11, 812141		1
1353	Cell atlas of the human ocular anterior segment: Tissue-specific and shared cell types.		0
1352	Performance-based comparison of Yamada-Ota and Hamilton-Crosser hybrid nanofluid flow models with magnetic dipole impact past a stretched surface.. <i>Scientific Reports</i> , 2022 , 12, 29	4.9	5
1351	Parametric estimation of gyrotactic microorganism hybrid nanofluid flow between the conical gap of spinning disk-cone apparatus.. <i>Scientific Reports</i> , 2022 , 12, 59	4.9	8
1350	Engineering pupil function for optical adversarial attacks.. 2022 , 30, 6500-6518		1
1349	Magnetic graphene oxide-lignin nanobiocomposite: a novel, eco-friendly and stable nanostructure suitable for hyperthermia in cancer therapy.. 2022 , 12, 3593-3601		2
1348	Parental Perceptions of Child and Adolescent Mental Health During the COVID-19 Pandemic in Argentina.. 2022 , 1-31		0
1347	Topography of the Dolomites modulates range dynamics of narrow endemic plants under climate change.. <i>Scientific Reports</i> , 2022 , 12, 1398	4.9	1

- 1346 Modern AI/ML Methods for Healthcare: Opportunities and Challenges. **2022**, 3-25
- 1345 Phase synchronization and measure of criticality in a network of neural mass models.. *Scientific Reports*, **2022**, 12, 1319 4.9 0
- 1344 Quoting is not Citing: Disentangling Affiliation and Interaction on Twitter. **2022**, 705-717 1
- 1343 Carotid artery velocity time integral and corrected flow time measured by a wearable Doppler ultrasound detect stroke volume rise from simulated hemorrhage to transfusion.. **2022**, 15, 7 0
- 1342 Linking protein structural and functional change to mutation using amino acid networks.. **2022**, 17, e0261829 0
- 1341 Estimating the state of epidemics spreading with graph neural networks.. **2022**, 1-15 2
- 1340 Au NPs fabricated on biguanidine-modified Zr-UiO-66 MOFs: a competent reusable heterogeneous nanocatalyst in the green synthesis of propargylamines. **2022**, 46, 2829-2836 0
- 1339 The effect of systemic and topical ophthalmic medications on choroidal thickness: a review.. **2022**, 0
- 1338 Multi-objective optimization of water resources allocation in Han River basin (China) integrating efficiency, equity and sustainability.. *Scientific Reports*, **2022**, 12, 798 4.9 3
- 1337 Multimedia Interventions for Neurodiversity: Leveraging Insights from Developmental Cognitive Neuroscience to Build an Innovative Practice.. **2022**, 12, 0
- 1336 Effects of Photobiomodulation and Split-Thickness Skin Grafting in the Prognosis of Wound Healing in Children with Deep Burn Ulcers.. **2022**, 0
- 1335 An explainable machine learning framework for lung cancer hospital length of stay prediction.. *Scientific Reports*, **2022**, 12, 607 4.9 5
- 1334 Utilizing the MEST score for prognostic staging in IgA nephropathy.. **2022**, 23, 26 1
- 1333 A Transfer Learning and U-Net-based automatic detection of diabetic retinopathy from fundus images. 1-12 3
- 1332 Geographically Weighted Regression Modeling for Multiple Outcomes. 1-18 2
- 1331 Identification of patterns for space-time event networks. **2022**, 7, 0
- 1330 Evolutionary paths to macrolide resistance in a *Neisseria* commensal converge on ribosomal genes through short sequence duplications.. **2022**, 17, e0262370 0
- 1329 Risk Factors for COVID-19 Mortality Among People Living with HIV: A Scoping Review.. **2022**, 1 0

1328	ClearColi as a platform for untagged pneumococcal surface protein A production: cultivation strategy, bioreactor culture, and purification.. 2022 , 106, 1011		1
1327	A machine learning analysis of the relationship of demographics and social gathering attendance from 41 countries during pandemic.. <i>Scientific Reports</i> , 2022 , 12, 724	4.9	2
1326	Enhancement in room temperature ammonia sensing properties of naphthalene diimides through core expansion. 2022 , 10, 1326-1333		1
1325	A practical approach for continuous in situ characterization of radiation quality factors in space.. <i>Scientific Reports</i> , 2022 , 12, 1453	4.9	0
1324	Storm surge damage interpretation by satellite imagery: case review. 1		
1323	A universal methodology for reliable predicting the non-steroidal anti-inflammatory drug solubility in supercritical carbon dioxide.. <i>Scientific Reports</i> , 2022 , 12, 1043	4.9	1
1322	Thin flexible lab-on-a-film for impedimetric sensing in biomedical applications.. <i>Scientific Reports</i> , 2022 , 12, 1066	4.9	
1321	Activation energy with exothermic/endothermic reaction and Coriolis force effects on magnetized nanomaterials flow through Darcy-Borchheimer porous space with variable features. 1-14		6
1320	Comparative thermal transport mechanism in Cu-H ₂ O and Cu-Al ₂ O ₃ /H ₂ O nanofluids: numerical investigation. 1-16		5
1319	Identification of a glioma functional network from gene fitness data using machine learning.. 2022 ,		2
1318	A report on entropy generation and Arrhenius kinetics in magneto-bioconvective flow of Cross nanofluid over a cylinder with wall slip. 1-0		2
1317	The Gpx4 ^{NIKO} Mouse Is a Versatile Model for Testing Interventions Targeting Ferroptotic Cell Death of Spinal Motor Neurons.. 2022 , 1		0
1316	A SWOT Analysis of Portable and Low-Cost Markerless Motion Capture Systems to Assess Lower-Limb Musculoskeletal Kinematics in Sport.. 2021 , 3, 809898		1
1315	Mass Spectrometry-Based Proteomics Research to Fight COVID-19: An Expert Review on Hopes and Challenges.. 2022 ,		2
1314	The Effects of Persistent Olfactory and Gustatory Dysfunctions on Quality of Life in Long-COVID-19 Patients.. 2022 , 12,		4
1313	A waste to energy approach for the effective conversion of solid waste plastics into graphene nanosheets using different catalysts for high performance supercapacitors: a comparative study.		2
1312	Heat and Mass Transfer of the Darcy-Forchheimer Casson Hybrid Nanofluid Flow due to an Extending Curved Surface. 2022 , 2022, 1-12		3
1311	The impact of COVID-19 on destination visit intention and local food consumption. 2022 , 124, 634-653		6

1310	Characterization of 3D-printed PLA parts with different raster orientations and printing speeds.. <i>Scientific Reports</i> , 2022 , 12, 1016	4.9	9
1309	A Broad Review of Soybean Research on the Ongoing Race to Overcome Soybean Cyst Nematode.. 2022 , 11,		1
1308	Infection of Human Retinal Pigment Epithelial Cells with Dengue Virus Strains Isolated during Outbreaks in Singapore.. 2022 , 10,		0
1307	A mixed methods analysis of participation in social contact surveys.		
1306	Personalized endoprotheses for the proximal humerus and scapulohumeral joint in dogs: Biomechanical study of the muscles' contributions during locomotion.. 2022 , 17, e0262863		
1305	: Synthesis, Physicochemical, and Biological Properties of Phosphino Cu, Ru, Ir Complexes.. 2022 , 15,		0
1304	Therapeutic benefits of species: A focus on cancer and viral infection.. 2022 , 8, e08763		0
1303	Cu ions and cetyltrimethylammonium bromide loaded into montmorillonite: a synergistic antibacterial system for bone scaffolds. 2021 , 6, 103-116		10
1302	Strategies for drug repurposing against coronavirus targets.. 2022 , 3, 100072		1
1301	Comparison of retinal layer thickness and microvasculature changes in patients with diabetic retinopathy treated with intravitreal bevacizumab vs panretinal photocoagulation.. <i>Scientific Reports</i> , 2022 , 12, 1570	4.9	1
1300	Borophene as a rising star in materials chemistry: Synthesis, properties and applications in analytical science and energy devices.		2
1299	Machine learning analysis of broadband optical reflectivity of semiconductor thin film. 2022 , 80, 347		0
1298	Towards a better prediction of subcellular location of long non-coding RNA. 2022 , 16, 1		3
1297	Genetic improvement of peanut (L.) genotypes by developing short duration hybrids.. 2022 , 29, 3033-3039		
1296	Deep learning for the automation of particle analysis in catalyst layers for polymer electrolyte fuel cells. 2021 ,		1
1295	Impacts of Joule heating and viscous dissipation on MHD pulsatile flow of third grade nanofluid in a channel. 095440892110682		1
1294	Assessing flower-visiting arthropod diversity in apple orchards through environmental DNA flower metabarcoding and visual census.		
1293	Comparison of habitat suitability and connectivity modelling for three carnivores of conservation concern in an Iranian montane landscape. 2022 , 37, 411-430		2

1292	Influence of Spinal Movements Associated with Physical Evaluation on Muscle Mechanical Properties of the Lumbar Paraspinal in Subjects with Acute Low Back Pain.. 2022 , 12,	0
1291	Recent Developments in Carbon-Based Nanocomposites for Fuel Cell Applications: A Review.. 2022 , 27,	7
1290	What Can Resting-State fMRI Data Analysis Explain about the Functional Brain Connectivity in Glioma Patients?. 2022 , 8, 267-280	1
1289	Escherichia coli response to subinhibitory concentration of Colistin: Insights from study of membrane dynamics and morphology.	
1288	Infection Biomarkers Based on Metabolomics.. 2022 , 12,	3
1287	Resistant Starch in Rice: Its Biosynthesis and Mechanism of Action Against Diabetes-Related Diseases. 1-24	0
1286	Novel Star-Shaped Benzotriindole-Based Nonfullerene Donor Materials: Toward the Development of Promising Photovoltaic Compounds for High-Performance Organic Solar Cells. 2100751	6
1285	Is mother's financial autonomy associated with stunting among children aged 785 months: An empirical study from India. 2022 , 2, e0000134	0
1284	Statistical Inference Using GLEaM Model with Spatial Heterogeneity and Correlation between Regions.	
1283	Effect of endophytic Bacillus and arbuscular mycorrhiza fungi (AMF) against Fusarium wilt of tomato caused by Fusarium oxysporum f. sp. lycopersici. 2022 , 32,	2
1282	Load Carriage Modes and Limb Crossing Patterns Altered Gait during Obstacle Negotiation.. 2022 , 1-12	
1281	Prognostic value of circulating calprotectin levels on the clinical course of COVID-19 differs between serum, heparin, EDTA and citrate sample types.. 2021 , 525, 54-61	1
1280	Investigating the impact of emotion on temporal orientation in a deep multitask setting.. <i>Scientific Reports</i> , 2022 , 12, 493	4.9 0
1279	Insights on choline chloride-based deep eutectic solvent (reline) + primary alcohol mixtures: a molecular dynamics simulation study.. 2022 , 28, 30	
1278	Biochar combined with nitrogen fertilizer: a practical approach for increasing the biomass digestibility and yield of rice and promoting food and energy security.	1
1277	Splicing Variants, Protein-Protein Interactions, and Drug Targeting in Hutchinson-Gilford Progeria Syndrome and Small Cell Lung Cancer.. 2022 , 13,	0
1276	Relating Driver Behaviour and Response to Messages through HMI in Autonomous and Connected Vehicular Environment. 2022 , 9,	
1275	Entropy Minimization Analysis of a Partially Ionized Casson Nanofluid Flow over a Bidirectional Stretching Sheet with Surface Catalyzed Reaction. 1	3

1274	Effect of Microstructure Evolution of Iron-Rich Intermetallic Compounds on Mechanical Property of Al ₇ Si _{0.3} Mg Casting Alloy with Low Iron Content. 2022 , 53, 548-560		0
1273	Health improvements of type 2 diabetic patients through diet and diet plus fecal microbiota transplantation.. <i>Scientific Reports</i> , 2022 , 12, 1152	4.9	3
1272	Artificial intelligence knacks-based stochastic paradigm to study the dynamics of plant virus propagation model with impact of seasonality and delays.. 2022 , 137, 144		9
1271	Brain Tumor Classification Using a Combination of Variational Autoencoders and Generative Adversarial Networks.. 2022 , 10,		3
1270	Prostaglandin release after low-energy femtosecond laser-assisted cataract surgery without anti-inflammatory drug premedication.. 2022 ,		0
1269	Extreme wind-wave climate projections for the Indian Ocean under changing climate scenarios. 1		0
1268	Reconfigurable label-free shape-sieving of submicron particles in paired chalcogenide waveguides.. 2022 ,		1
1267	Review: the latest advances in biomedical applications of chitosan hydrogel as a powerful natural structure with eye-catching biological properties. 2022 , 57, 3855-3891		4
1266	Resilience in People with Lewy Body Disorders and Their Care Partners: Association with Mental Health, Relationship Satisfaction, and Care Burden.. 2022 , 12,		0
1265	Encapsulation, Release, and Cytotoxicity of Doxorubicin Loaded in Liposomes, Micelles, and Metal-Organic Frameworks: A Review.. 2022 , 14,		5
1264	The cost-effectiveness of starting 23-valent pneumococcal polysaccharide vaccine and influenza vaccination at 50 vs. 65 years: A comparative modelling study.. 2022 ,		0
1263	Predicting dose-volume histogram of organ-at-risk using spatial geometric-encoding network for esophageal treatment planning. 2022 , 14, 25-37		
1262	On time dependent MHD nanofluid dynamics due to enlarging sheet with bioconvection and two thermal boundary conditions. 2022 , 26, 1		3
1261	Ultra-sensitive all-optical comagnetometer with laser heating. 2022 , 55, 165103		3
1260	Determinants of the Development of SARS-CoV-2 Anti-Spike Immune-Response after Vaccination among Healthcare Workers in Egypt.. 2022 , 10,		1
1259	Assessment of climate change impact and potential adaptation measures on wheat yield using the DSSAT model in the semi-arid environment. 2022 , 111, 2077		0
1258	Common and lifestyle-specific traits of mycorrhiza-associated metabolite alterations in plant roots reflects strategies of root-mycorrhizal interactions.		
1257	Polarization insensitive symmetrical structured double negative (DNG) metamaterial absorber for Ku-band sensing applications.. <i>Scientific Reports</i> , 2022 , 12, 479	4.9	6

1256	Narrowing gap in regional and age-specific excess mortality in the first year and a half of COVID-19 in Hungary.	
1255	Automatic Assessment of Motor Impairments in Autism Spectrum Disorders: A Systematic Review. 1	2
1254	Machine learning empowered COVID-19 patient monitoring using non-contact sensing: An extensive review.. 2022 ,	3
1253	Gadolinium: pharmacokinetics and toxicity in humans and laboratory animals following contrast agent administration.. 2022 , 96, 403	2
1252	The computational study of heat transfer and friction drag in an unsteady MHD radiated Casson fluid flow across a stretching/shrinking surface. 2022 , 130, 105832	5
1251	A linkage between effectual genes in progression of CRC through canonical and non-canonical TGF- β signaling pathways.. 2022 , 39, 40	0
1250	Sustainable adsorptive removal of antibiotic residues by chitosan composites: An insight into current developments and future recommendations.. 2022 , 103743	15
1249	Genome-scale modeling of yeast metabolism: retrospectives and perspectives.. 2022 ,	1
1248	Mendelian randomization study of obesity and type 2 diabetes in hospitalized COVID-19 patients.. 2022 , 155156	0
1247	Understanding the Economics of Orbital Pollution Through the Lens of Terrestrial Climate Change. 2022 , 59, 101471	1
1246	Classifier Fusion for Detection of COVID-19 from CT Scans.. 2022 , 1-18	0
1245	Covid-19: pharmacotherapeutic insights on various curative approaches in terms of vulnerability, comorbidities, and vaccination.. 2022 , 1	0
1244	COVID-19 Immunopathology with emphasis on Th17 response and Cell-based Immunomodulation Therapy: Potential Targets and Challenges.. 2021 , e13131	3
1243	Visible-light-mediated regioselective synthesis of novel thiazolo[3,2-][1,2,4]triazoles: advantageous synthetic application of aqueous conditions.. 2022 ,	0
1242	Body size normalization of ultrasound measured anterior upper leg muscle thickness in younger and older males and females.. 2022 ,	
1241	Putative host-derived insertions in the genome of circulating SARS-CoV-2 variants.. 2022 ,	
1240	The investigation of intraspecific characteristics and comparative analyses of the complete mitochondrial genome of (Linnaeus, 1758) (Coleoptera: Ptinidae) assembled from public NGS raw reads of the black truffle, .. 2022 , 105, 368504211072355	1
1239	Advances in Delivery Mechanisms of CRISPR Gene-Editing Reagents in Plants.. 2022 , 4, 830178	3

1238	Applications of Explainable Artificial Intelligence in Diagnosis and Surgery.. 2022 , 12,		11
1237	Conventional laboratory housing increases morbidity and mortality in research rodents: results of a meta-analysis.. 2022 , 20, 15		2
1236	BACS: blockchain and AutoML-based technology for efficient credit scoring classification.. 2022 , 1-21		1
1235	Immune Infiltration of CD8+ T Cells in Patients With Diabetic Pancreatic Cancer Reduces the Malignancy of Cancer Tissues: An Study.. 2021 , 12, 826667		0
1234	Soft sediment deformation features in Dauki Fault region: evidence of paleoearthquakes, Shillong Plateau, NE India. 2022 , 81, 1		
1233	Pan-Cancer Analyses Reveal Oncogenic Role and Prognostic Value of F-Box Only Protein 22.. 2021 , 11, 790912		1
1232	Microfluidic Compartmentalization Platforms for Single Cell Analysis.. 2022 , 12,		0
1231	SARS-CoV-2 Variants and Clinical Outcomes: A Systematic Review.. 2022 , 12,		3
1230	Machine Learning automatic assessment for glaucoma and myopia based on Corvis ST data. 2022 , 196, 454-460		1
1229	Recent Advances on Tuning the Interlayer Coupling and Properties in van der Waals Heterostructures.. 2022 , e2105877		4
1228	Modular-Level Functional Connectome Alterations in Individuals With Hallucinations Across the Psychosis Continuum.. 2022 ,		0
1227	The relationship between running distance and coaches' perception of team performance in professional soccer player during multiple seasons.. <i>Scientific Reports</i> , 2022 , 12, 1454	4.9	1
1226	Analysis of COVID-19 evolution based on testing closeness of sequential data.. 2022 , 1-18		0
1225	Endogenous Carboxyhemoglobin Level Variation in COVID-19 and Bacterial Sepsis: A Novel Approach?. 2022 , 10,		
1224	Biochemical Mechanisms Underlying Psychedelic-Induced Neuroplasticity.. 2022 ,		3
1223	Tracking the circulating SARS-CoV-2 variant of concern in South Africa using wastewater-based epidemiology.. <i>Scientific Reports</i> , 2022 , 12, 1182	4.9	3
1222	Modified smart water flooding for promoting carbon dioxide utilization in shale enriched heterogeneous sandstone under surface conditions for oil recovery and storage prospects.. 2022 , 1		0
1221	SARS-CoV-2 antibody dynamics among kidney transplant recipients 3 months after BNT162b2 vaccination: a prospective cohort study.. 2022 , 15, 992-998		

1220	Liquid biopsy in gliomas: a RANO review and proposals for clinical applications.. 2022,		3
1219	COVID-19 Prevention Measures Targeting Homeless People in Japan: A Cross-sectional Study.. 2022, 1-16		0
1218	The Evolution of Larger Size in High Altitude <i>Drosophila melanogaster</i> has a Variable Genetic Architecture.. 2022,		0
1217	Chapter 11. Photothermal Nanomaterials for Oncological Hyperthermia. 2022, 321-333		
1216	Genomic prediction of growth in a commercially, recreationally, and culturally important marine resource, the Australian snapper (<i>Chrysophrys auratus</i>).. 2022,		0
1215	De-novo fabrication of sunlight irradiated silver nanoparticles and their efficacy against <i>E. coli</i> and <i>S. epidermidis</i> .. <i>Scientific Reports</i> , 2022, 12, 676	4.9	3
1214	Bodily, emotional, and public sphere at the time of COVID-19. An investigation on concrete and abstract concepts.. 2022, 1		1
1213	A Gradient Model for the Spatial Patterns of Cities. 2100486		
1212	A Seasonal Resilience Index to Evaluate the Impacts of Super Typhoons on Urban Vegetation in Hong Kong. 1-19		
1211	Applications and Performance of Fuzzy Differential Evolution (DEFIS) in CFD Modeling of Heat and Mass Transfer. 2022, 367-381		1
1210	A stochastic Bayesian bootstrapping model for COVID-19 data.. 2022, 1-11		1
1209	Predictive value of neutrophil-to-lymphocyte ratio in terms of need for intensive care unit and mortality in maintenance hemodialysis patients with COVID-19.. 2022,		1
1208	Hydrodynamic and heat transfer analysis of dissimilar shaped nanoparticles-based hybrid nanofluids in a rotating frame with convective boundary condition.. <i>Scientific Reports</i> , 2022, 12, 436	4.9	8
1207	Consideration of genetic variation and evolutionary history in future conservation of Indian one-horned rhinoceros (<i>Rhinoceros unicornis</i>).		
1206	Progress on Generation of Nonlinear Internal Waves on the Northern Continental Shelf South of Hainan Island.		
1205	Drug Repositioning Using Multiplex-Heterogeneous Network Embedding: A Case Study on SARS-CoV2. 2022, 731-741		
1204	Insights into opium poppy (<i>Papaver spp.</i>) genetic diversity from genotyping-by-sequencing analysis.. <i>Scientific Reports</i> , 2022, 12, 111	4.9	0
1203	Automated cross-sectional analysis of trained, severely atrophied and recovering rat skeletal muscles using MyoVision 2.0.. 2022,		2

1202	User experience of home-based AbC-19 SARS-CoV-2 antibody rapid lateral flow immunoassay test.. <i>Scientific Reports</i> , 2022 , 12, 1173	4.9	1
1201	Immunomodulatory Algal Metabolites for Alleviating Inflammation and Cancer. 2022 , 1-21		
1200	Sleep disturbances during the COVID-19 pandemic: A systematic review, meta-analysis, and meta-regression.. 2022 , 62, 101591		17
1199	Full Coverage of the Solar Spectrum and Beyond Using All-Manganese Plasmonic Shell Array. 1		
1198	Scaling the changes in lifestyle, attitude, and behavioral patterns among COVID-19 vaccinated people: insights from Bangladesh.. 2022 , 1-9		6
1197	Gamma irradiation effectuality on the antibacterial and bioactivity behavior of multicomponent borate glasses against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA).. 2022 , 27, 155		1
1196	Does poor sleep quality and excessive daytime sleepiness influence fear of falling among older adults? A cross-sectional study. 1		0
1195	Hybrid MLP-IDW approach based on nearest neighbor for spatial prediction. 1		
1194	Deep learning-based system development for black pine bast scale detection.. <i>Scientific Reports</i> , 2022 , 12, 606	4.9	1
1193	[Ra] RaCl nanomicelles showed potent effect against osteosarcoma: targeted alpha therapy in the nanotechnology era.. 2022 , 29, 186-191		2
1192	A human-based multi-gene signature enables quantitative drug repurposing for metabolic disease.. 2022 , 11,		2
1191	Reconstructing the Effectiveness of Policy Measures to Avoid Next-Wave COVID-19 Infections and Deaths Using a Dynamic Simulation Model: Implications for Health Technology Assessment.. 2021 , 3, 666581		0
1190	Assessment of combined exposures to multiple chemicals: pesticides, metals, and polycyclic aromatic hydrocarbons levels in fig fruits. 1-20		2
1189	Reactive Oxygen Species, Antioxidant Responses and Implications from a Microbial Modulation Perspective.. 2022 , 11,		7
1188	Selection of the gridded temperature dataset for assessment of thermal bioclimatic environmental changes in Amu Darya River basin.. 2022 , 1-21		3
1187	Simulating the impact of climate change on barley yield in Ethiopia with the DSSAT-CERES-BARLEY model.		0
1186	Decreased Adiponectin Levels Are a Risk Factor for Cognitive Decline in Spinal Cord Injury.. 2022 , 2022, 5389162		1
1185	Assessment of the Neutralizing Antibody Response of BNT162b2 and mRNA-1273 SARS-CoV-2 Vaccines in Naïve and Previously Infected Individuals: A Comparative Study.. 2022 , 10,		0

1184	Age and Season Effect the Timing of Adult Worker Honeybee Infection by .. 2021 , 11, 823050	1
1183	Preparation and examination of a scaffold based on hydroxylated polyphosphazene for tissue engineering: In vitro and in vivo studies. 52179	0
1182	Fast-running beamforming algorithm for optical phased array beam scanners comprised of polymeric waveguide devices.. 2022 , 30, 768-779	1
1181	Purinergic signaling elements are correlated with coagulation players in peripheral blood and leukocyte samples from COVID-19 patients.. 2022 , 100, 569	1
1180	LRET-derived HADDOCK structural models describe the conformational heterogeneity required for DNA cleavage by the Mre11-Rad50 DNA damage repair complex.. 2022 , 11,	1
1179	Weed Suppression and Molecular Mechanisms of Isochlorogenic Acid A Isolated from Extract via an Activity-Guided Method.. 2022 ,	0
1178	IMPACT OF COVID-19 PANDEMIC ON HOME ADVANTAGE IN DIFFERENT EUROPEAN PROFESSIONAL BASKETBALL LEAGUES.. 2022 , 315125211072483	1
1177	Lockdown, essential sectors, and Covid-19: Lessons from Italy.. 2021 , 81, 102572	3
1176	On the free vibrations of FG-GPLRC folded plates using GDQE procedure. 2022 , 286, 115273	5
1175	Use of Ageratina adenophora (Spreng.) essential oil as insecticidal and antifeedant agents against diamondback moth, Plutella xylostella (L.). 1	0
1174	Impact of community masking on COVID-19: A cluster-randomized trial in Bangladesh. 2022 , 375,	30
1173	Machine learning and deep learning techniques to support clinical diagnosis of arboviral diseases: A systematic review.. 2022 , 16, e0010061	1
1172	A hybrid approach unveils drug repurposing candidates targeting an Alzheimer pathophysiology mechanism.. 2022 , 3, 100433	1
1171	Characterization of MHD convective flow of Jeffrey nanofluid driven by a curved stretching surface by employing DarcyBorchheimer law of porosity. 1-20	4
1170	Dynamic modeling of hospitalized COVID-19 patients reveals disease state-dependent risk factors.. 2022 ,	0
1169	Material ejection and layer peeling-off in HfO ₂ /SiO ₂ thin-film beam splitters induced by 1 μ m and 3 μ m lasers. 2022 , 111894	0
1168	Is mandatory vaccination in population over 60 adequate to control the COVID-19 pandemic in E.U.?	0
1167	Development of Single Nucleotide Polymorphism (SNP)-Based Triplex PCR Marker for Serotype-specific Detection.. 2022 , 11,	0

1166	Evaluation of TPGU using entropy - improved TOPSIS - GRA method in China.. 2022 , 17, e0260974			0
1165	Poor Ovarian Response to Gonadotrophins in PCOS Women after Laparoscopic Ovarian Drilling.. 2022 , 58,			
1164	Using small-angle scattering to guide functional magnetic nanoparticle design.			2
1163	Satellite mapping of air temperature under polar night conditions. 1-12			0
1162	Deep neural network classification of in vivo burn injuries with different etiologies using terahertz time-domain spectral imaging.. 2022 , 13, 1855-1868			1
1161	Multiple Intestinal Bacteria Associated with the Better Protective Effect of LI09 against Rat Liver Injury.. 2022 , 2022, 8647483			0
1160	Spatial segregation between wild ungulates and livestock outside protected areas in the lowlands of Nepal.. 2022 , 17, e0263122			0
1159	The Role of Disease Severity and Demographics in the Clinical Course of COVID-19 Patients Treated With Convalescent Plasma.. 2021 , 8, 707895			
1158	Solvent modulated self-assembled VS 2 layered microstructure for electrocatalytic water and urea decomposition.			1
1157	Optimization of Performance Characteristics of Homogeneous Charge Compression Ignition Engine with Biodiesel using Artificial Neural Network (ANN) and Response Surface Methodology (RSM). 1			0
1156	Mitogen Synergy: An Emerging Route to Boosting Human Beta Cell Proliferation.. 2021 , 9, 734597			0
1155	Recent progress and perspectives in applications of 2-methacryloyloxyethyl phosphorylcholine polymers in biodevices at small scales.. 2022 ,			2
1154	Transport properties of mixed convective nano-material flow considering the generalized Fourier law and a vertical surface: Concept of Caputo-Time Fractional Derivative. 095765092210751			4
1153	An Update on Psychopharmacological Treatment of Autism Spectrum Disorder.. 2022 , 1			5
1152	Deciphering chemical profiling, pharmacological responses and potential bioactive constituents of Decne. Extracts through in vitro approaches.. 2022 , 29, 1355-1366			1
1151	Exploring the natural origins of SARS-CoV-2 in the light of recombination.. 2022 ,			14
1150	Automated procedure to assess pup retrieval in laboratory mice.. <i>Scientific Reports</i> , 2022 , 12, 1663	4.9		1
1149	Coral-microbe interactions: their importance to reef function and survival.. 2022 ,			

1148	The asymmetric effects of crops productivity, agricultural land utilization, and fertilizer consumption on carbon emissions: revisiting the carbonization-agricultural activity nexus in Nepal.. 2022 , 1	1
1147	A Review on the Antimicrobial Activity of Schiff Bases: Data Collection and Recent Studies.. 2022 , 11,	17
1146	The protective role of selenium against uptake and accumulation of cadmium and lead in white oyster () and pink oyster () mushrooms.. 2022 , 1-17	
1145	Efficacy of porous silica nanostructure as an insecticide against filarial vector <i>Culex pipiens</i> (Diptera: Culicidae). 1	0
1144	Bacterial profile, antimicrobial susceptibility patterns, and associated factors of community-acquired pneumonia among adult patients in Gondar, Northwest Ethiopia: A cross-sectional study.. 2022 , 17, e0262956	3
1143	Emerging evidence on Omicron (B.1.1.529) SARS-CoV-2 variant.. 2022 ,	11
1142	Estimating the Aboveground Biomass of Urban Trees by Combining Optical and Lidar Data: A Case Study of Hengqin, Zhuhai, China. 2022 , 88, 121-128	1
1141	Numerical Simulations of Environmental Energy Features in Solar Pump Application by Using Hybrid Nanofluid Flow: Prandtl-Eyring Case. 0958305X2110738	2
1140	Extracellular vesicles: a promising cell-free therapy for cartilage repair.. 2022 , 8, FSO774	1
1139	Two dimensional Zirconium diselenide based humidity sensor for flexible electronics. 2022 , 358, 131507	3
1138	HIV and SARS-CoV-2 Co-infection: Epidemiological, Clinical Features, and Future Implications for Clinical Care and Public Health for People Living with HIV (PLWH) and HIV Most-at-Risk Groups.. 2022 , 19, 17	0
1137	Covid-19 and Artificial Intelligence: Genome sequencing, drug development and vaccine discovery.. 2022 ,	6
1136	Zero-valent iron supported-lemon derived biochar for ultra-fast adsorption of methylene blue. 1	4
1135	Mangrove diversity is more than fringe deep.. <i>Scientific Reports</i> , 2022 , 12, 1695	4.9 2
1134	Awareness, knowledge and acceptance of COVID-19 vaccine among the people of West Bengal, India: A web-based survey.. 2022 ,	1
1133	Sensitivity of non-conditional climatic variables to climate-change deep uncertainty using Markov Chain Monte Carlo simulation.. <i>Scientific Reports</i> , 2022 , 12, 1813	4.9 0
1132	The Putative <i>Drosophila</i> TMEM184B Ortholog Tmep Ensures Proper Locomotion by Restraining Ectopic Firing at the Neuromuscular Junction.. 2022 , 59, 2605	
1131	Photothermal inactivation of universal viral particles by localized surface plasmon resonance mediated heating filter membrane.. <i>Scientific Reports</i> , 2022 , 12, 1724	4.9

1130	GWAS to spot candidate genes associated with grain quality traits in diverse rice accessions of North East India.. 2022 , 1	3
1129	Unboxing the black box-one step forward to understand the soil microbiome: A systematic review.. 2022 , 1	1
1128	Antioxidant, antibacterial and anticancer efficacy of <i>Alternaria chlamydospora</i> -mediated gold nanoparticles. 1	4
1127	A review of public transport transfer synchronisation at the real-time control phase. 1-20	2
1126	A critical analysis of research methods and experimental models to study pulpitis.. 2022 ,	1
1125	The Association between TNF- α IL-6, and Vitamin D Levels and COVID-19 Severity and Mortality: A Systematic Review and Meta-Analysis.. 2022 , 11,	6
1124	VeChat: Correcting errors in long reads using variation graphs.	0
1123	Sources, enumerations and inactivation mechanisms of four emerging viruses in aqueous phase.	
1122	Alpine constructed wetlands: A metagenomic analysis reveals microbial complementary structure.. 2022 , 153640	0
1121	Sleep quality, stress and thyroid cancer: a case-control study.. 2022 , 1	1
1120	The wind that shakes the barley: the role of East Asian cuisines on barley grain size. 1-18	0
1119	Molecular accuracy vs antigenic speed: SARS-CoV-2 testing strategies.. 2021 , 62, 152-158	0
1118	Layer thickness prediction and tissue classification in two-layered tissue structures using diffuse reflectance spectroscopy.. <i>Scientific Reports</i> , 2022 , 12, 1698	4.9 1
1117	Application of moving particle semi-implicit (MPS) method on retro-oil fluid using three-dimensional vitreous cavity models from magnetic resonance imaging.. <i>Scientific Reports</i> , 2022 , 12, 1735	4.9
1116	Artificial intelligence analysis to explore synchronize exercise, cobalamin, and magnesium as new actors to therapeutic of migraine symptoms: a randomized, placebo-controlled trial.. 2022 , 1	1
1115	Application of Line of Sight and Potential Audience Analysis to Unravel the Spatial Organization of Palaeolithic Cave Art. 1	2
1114	Comparing Geant4 physics models for proton-induced dose deposition and radiolysis enhancement from a gold nanoparticle.. <i>Scientific Reports</i> , 2022 , 12, 1779	4.9 0
1113	Bacteria-enabled oral delivery of a replicon-based mRNA vaccine candidate protects against ancestral and delta variant SARS-CoV-2.. 2022 ,	1

1112	Dynamics of ethylene glycol-based graphene and molybdenum disulfide hybrid nanofluid over a stretchable surface with slip conditions.. <i>Scientific Reports</i> , 2022 , 12, 1751	4.9	6
1111	Comparative study of SARS-CoV-2 infection in different cell types: Biophysical-computational approach to the role of potential receptors.. 2022 , 142, 105245		1
1110	Highlight of potential impact of new viral genotypes of SARS-CoV-2 on vaccines and anti-viral therapeutics.. 2022 , 26, 101537		1
1109	The application of exosomes and Exosome-nanoparticle in treating brain disorders. 2022 , 350, 118549		6
1108	Does political resource endowment promote carbon productivity? A case study of counties along the Long March areas in China. 2022 , 93, 106739		1
1107	Understanding regional mobility resilience and its relationship with regional culture during the COVID-19 pandemic: A pathogen-stress theory perspective.. 2022 , 130621		0
1106	Vacancy dependent mechanical behaviors of high-entropy alloy. 2022 , 218, 107065		2
1105	Performance of colorimetric RT-LAMP as a diagnostic tool for SARS-CoV-2 infection during the fourth wave of COVID-19 in Thailand.. 2021 ,		2
1104	Static Socio-Ecological COVID-19 Vulnerability Index and Vaccine Hesitancy Index for England.. 2021 , 14, 100296		2
1103	Restrictive and stimulative impacts of COVID-19 policies on activity trends: A case study of Kyoto.. 2022 , 13, 100551		
1102	Ranking the importance of demographic, socioeconomic, and underlying health factors on US COVID-19 deaths: A geographical random forest approach.. 2022 , 74, 102744		6
1101	Serum levels of vitamin D and immune system function in patients with COVID-19 admitted to intensive care unit.. 2022 , 26, 101509		6
1100	Evaluation and analysis of ecosystem service value based on land use/cover change in Dongting Lake wetland. 2022 , 136, 108619		9
1099	Sunlight mediated photo-Fenton degradation of tetracycline antibiotic and methylene blue dye in aqueous medium using FeWO ₄ /Bi ₂ MoO ₆ nanocomposite. 2022 , 159, 862-873		5
1098	Balkanatolia: The insular mammalian biogeographic province that partly paved the way to the Grande Coupure. 2022 , 226, 103929		0
1097	An impact study of COVID-19 on the electricity sector: A comprehensive literature review and Ibero-American survey.. 2022 , 158, 112135		3
1096	Zinc associated nanomaterials and their intervention in emerging respiratory viruses: Journey to the field of biomedicine and biomaterials.. 2022 , 457, 214402		4
1095	Impact of environmental and individual factors on COVID-19 mortality in children and adolescents in Mexico: An observational study.. 2022 , 8, 100184		0

1094 Development a local magnitude scale for South Egypt. **2022**, 188, 104478

1093 Minimizing Public Health Consequences of the COVID-19 Pandemic: Let's Consider the Threat of a Triple Recession.. **2022**, 8, 100176 1

1092 CuO NPs@Starch as a novel chemotherapeutic drug for the treatment of several types of gastrointestinal system cancers including gastric, pancreatic, and colon cancers. **2022**, 15, 103681 0

1091 Long-term fertilization lowers the alkaline phosphatase activity by impacting the phoD-harboring bacterial community in rice-winter wheat rotation system.. **2022**, 153406 0

1090 Microplastics waste in environment: A perspective on recycling issues from PPE kits and face masks during the COVID-19 pandemic.. **2022**, 26, 102290 9

1089 Impact of perception of COVID-19 on NPI, job satisfaction, and customer orientation: Highlighting three types of NPIs for the airline industry.. **2022**, 100, 102191 2

1088 Comparative analysis of testis transcriptome between a genetic male sterile line (GMS) and its wild-type 898WB in silkworm, *Bombyx mori*.. **2022**, 42, 100961 0

1087 The practicality and prospects for disinfection control by photocatalysis during and post-pandemic: A critical review.. **2022**, 112814 3

1086 Comprehensive analysis of thermally radiative transport of Sisko fluid over a porous stretchable curved surface with gold nanoparticles. 0

1085 Size-fractionation of trace elements in dusty snow from open pit bitumen mines and upgraders: collection, handling, preparation and analysis of samples from the Athabasca Bituminous Sands region of Alberta, Canada.

1084 Exploring the permeability of covid-19 drugs within the cellular membrane: a molecular dynamics simulation study.. **2022**,

1083 Activity-State Dependent Reversal of Ketamine-Induced Resting State EEG Effects by Clozapine and Naltrexone in the Freely Moving Rat.. **2022**, 13, 737295 0

1082 Obesity and COVID19. **2022**, 329-348

1081 Energy Recovery from Nuisance Algae Blooms and Residues. **2022**, 329-345 0

1080 On the mechanical properties and fracture patterns of the nonbenzenoid carbon allotrope (biphenylene network): a reactive molecular dynamics study.. **2022**,

1079 Bi-LSTM-deep CNN for schizophrenia detection using MSST-spectral images of EEG signals. **2022**, 145-162 1

1078 A Multi-objective Optimisation Approach for Activity Excitation of Waste Glass Mortar. **2022**,

1077 Effects of Nitrogen Input on Community Structure of the Denitrifying Bacteria with Nitrous Oxide Reductase Gene (*nosZ* I): a Long-Term Pond Experiment.. **2022**, 1 0

1076	A pilot study for the prediction of liver function related scores using breath biomarkers and machine learning.. <i>Scientific Reports</i> , 2022 , 12, 2032	4.9	0
1075	Novel cardo-type heat-resistant polyimides bearing 9 H -xanthene and polymer-based nanocomposite consisting of NH ₂ -terminated TiO ₂ : Synthetic strategies, extraction of methylene blue dye, and biological activities.		0
1074	Digital shinrin-yoku: do nature experiences in virtual reality reduce stress and increase well-being as strongly as similar experiences in a physical forest?. 1		1
1073	On the surface impedance modeling of metasurfaces composed of graphene-coated spherical nano-particles.		2
1072	Dispersal of <i>Aphanoascus keratinophilus</i> by the rook <i>Corvus frugilegus</i> during breeding in East Poland.. <i>Scientific Reports</i> , 2022 , 12, 2142	4.9	1
1071	Antiviral Activities of Algal-Based Sulfated Polysaccharides.. 2022 , 27,		2
1070	Face masks reduce interpersonal distance in virtual reality.. <i>Scientific Reports</i> , 2022 , 12, 2213	4.9	1
1069	Machine learning-based diagnosis and risk factor analysis of cardiocerebrovascular disease based on KNHANES.. <i>Scientific Reports</i> , 2022 , 12, 2250	4.9	0
1068	Numerical assessment of the influence of helical baffle on the hydrothermal aspects of nanofluid turbulent forced convection inside a heat exchanger.. <i>Scientific Reports</i> , 2022 , 12, 2245	4.9	1
1067	Reduced Hippocampal-Cortical Connectivity During Memory Suppression Predicts the Ability to Forget Unwanted Memories.		
1066	Macro-seepage based potential new hydrocarbon prospects in Assam-Arakan Basin, India.. <i>Scientific Reports</i> , 2022 , 12, 2273	4.9	0
1065	Passive acoustic monitoring of sperm whales and anthropogenic noise using stereophonic recordings in the Mediterranean Sea, North West Pelagos Sanctuary.. <i>Scientific Reports</i> , 2022 , 12, 2007	4.9	1
1064	Evaluation of sp. Biomass as an Endophytic Fungus for Synthesis of Extracellular Gold Nanoparticles with Antibacterial and Antifungal Properties.. 2022 , 27,		3
1063	Low risk of serological cross-reactivity between the dengue virus and SARS-CoV-2 IgG antibodies using advanced detection assays.. 2022 ,		0
1062	Nonlinear frequency analysis of COVID-19 spread in Tokyo using empirical mode decomposition.. <i>Scientific Reports</i> , 2022 , 12, 2175	4.9	1
1061	Olfactory detection and discrimination in domestic dogs (<i>Canis lupus familiaris</i>).		
1060	Muscle Area and Density Assessed by Abdominal Computed Tomography in Healthy Adults: Effect of Normal Aging and Derivation of Reference Values.. 2022 , 26, 243-246		1
1059	Co-pyrolysis of lignocellulosic biomass and plastics: A comprehensive study on pyrolysis kinetics and characteristics. 2022 , 105464		4

1058	Combining multiscale niche modeling, landscape connectivity, and gap analysis to prioritize habitats for conservation of striped hyaena (<i>Hyaena hyaena</i>).. 2022 , 17, e0260807	3
1057	The crucial role of prolactin-lactogenic hormone in Covid-19.. 2022 , 477, 1381	5
1056	The impact of face masks on emotion recognition performance and perception of threat.. 2022 , 17, e0262840	3
1055	Biochar from microwave co-pyrolysis of food waste and polyethylene using different microwave susceptors - Production, modification and application for metformin removal.. 2022 , 210, 112922	2
1054	Identification of a suitable endogenous control miRNA in bone aging and senescence.	
1053	Development and characterization of nitrogen and phosphorus use efficiency responsive genic and miRNA derived SSR markers in wheat.. 2022 ,	3
1052	The investigation of chlorpyrifos (Cpy) detection of PEDOT:PSS-MXene(Ti2CTX)-BSA-GO composite using P-ISFET reduction method. 1	
1051	Kinetic and Thermodynamic Study of the Photo Catalytic Degradation of Methylene Blue (MB) in Aqueous Solution Using Cadmium Sulphide (CdS) Nanocatalysts.	2
1050	High-speed machining of additively manufactured Inconel 718 using hybrid cryogenic cooling methods. 1-18	0
1049	Evaluation of a brief video intervention aimed at UK-based veterinary surgeons to encourage neutering cats at four months old: A randomised controlled trial.. 2022 , 17, e0263353	
1048	Laser-equipped gas reaction chamber for probing environmentally sensitive materials at near atomic scale.. 2022 , 17, e0262543	2
1047	Adsorption mechanism study of multinuclear metal coordination cluster Zn5 for anionic dyes congo red and methyl orange: Experiment and molecular simulation. 2022 , 586, 152745	5
1046	Predicting the Genomic Resolution of Bulk Segregant Analysis.. 2022 ,	0
1045	Preparation and Characterization of Temperature/pH Dual-Responsive Gel Spheres for Immobilizing Nitro Bacteria.. 2022 , 7, 5646-5656	0
1044	Meaning maps detect the removal of local semantic scene content but deep saliency models do not.. 2022 , 1	1
1043	Federated learning and differential privacy for medical image analysis.. <i>Scientific Reports</i> , 2022 , 12, 19534.9	7
1042	"Leaky Gut" as a Keystone of the Connection between Depression and Obstructive Sleep Apnea Syndrome? A Rationale and Study Design.. 2022 , 12,	
1041	Saliva-based detection of COVID-19 infection in a real-world setting using reagent-free Raman spectroscopy and machine learning.. 2022 , 27,	2

1040	Increased physical activity improves gut microbiota composition and reduces short-chain fatty acid concentrations in older adults with insomnia.. <i>Scientific Reports</i> , 2022 , 12, 2265	4.9	4
1039	TBISTAT: An open-source, wireless portable, electrochemical impedance spectroscopy capable potentiostat for the point-of-care detection of S100B in plasma samples.. 2022 , 17, e0263738		3
1038	Anticancer Drug-Loading Capacity of Green Synthesized Porous Magnetic Iron Nanocarrier and Cytotoxic Effects Against Human Cancer Cell Line. 2022 , 1		4
1037	Kinetic and isotherm insights of Diclofenac removal by sludge derived hydrochar.. <i>Scientific Reports</i> , 2022 , 12, 2184	4.9	2
1036	Clinical patterns of somatic symptoms in patients suffering from post-acute long COVID: a systematic review.. 2022 , 41, 515		7
1035	Global and Regional Prevalence and Outcomes of COVID-19 in People Living with HIV: A Systematic Review and Meta-Analysis.. 2022 , 7,		6
1034	Controlling cluster size in 2D phase-separating binary mixtures with specific interactions.		
1033	Predictors of low antiretroviral adherence at an urban South African clinic: A mixed-methods study.. 2022 , 23, 1343		
1032	Sampling electronic structure quadratic unconstrained binary optimization problems (QUBOs) with Ocean and Mukai solvers.. 2022 , 17, e0263849		0
1031	Predetermined Refinement: the Earliest Levallois of the Kapthurin Formation. 2022 , 5, 1		1
1030	Occupational Risk Factors for SARS-CoV-2 Infection in Hospital Health Care Workers: A Prospective Nested Case-Control Study.. 2022 , 12,		0
1029	Carotenoids from Marine Sources as a New Approach in Neuroplasticity Enhancement.. 2022 , 23,		0
1028	Design of Membrane Active Peptides Considering Multi-Objective Optimization for Biomedical Application.. 2022 , 12,		
1027	Clinically driven knowledge distillation for sparsifying high-dimensional multi-omics survival models.		
1026	Cognitive profiles in children and adolescents with Down syndrome.. <i>Scientific Reports</i> , 2022 , 12, 1936	4.9	0
1025	Sensitivity of Buff-Tailed Bumblebee (L.) to Insecticides with Different Mode of Action.. 2022 , 13,		
1024	Chemical-induced gene expression ranking and its application to pancreatic cancer drug repurposing.. 2022 , 3, 100441		1
1023	Elucidation of alveolar macrophage cell response to coal dusts: Role of ferroptosis in pathogenesis of coal workers' pneumoconiosis.. 2022 , 153727		0

1022	Heterologous SARS-CoV-2 IgA neutralising antibody responses in convalescent plasma.		0
1021	Plasmonic LAMP: Improving the Detection Specificity and Sensitivity for SARS-CoV-2 by Plasmonic Sensing of Isothermally Amplified Nucleic Acids.. 2022 , e2107832		2
1020	Illuminating Human Norovirus: A Perspective on Disinfection of Water and Surfaces Using UVC, Norovirus Model Organisms, and Radiation Safety Considerations.. 2022 , 11,		0
1019	X-ray Tomography Unveils the Construction Technique of Un-Montu's Egyptian Coffin (Early 26th Dynasty).. 2022 , 8,		0
1018	Dynamics of ferromagnetic due to nonlinear thermal buoyancy when Cattaneo-Christov heat flux and magnetic dipole whose magnetic scalars are significant. 1-20		0
1017	Adverse Effects of fine particulate matter on human kidney functioning: a systematic review.. 2022 , 21, 24		0
1016	Association between birth weight and neurodevelopmental disorders assessed using the Korean National Health Insurance Service claims data.. <i>Scientific Reports</i> , 2022 , 12, 2080	4.9	1
1015	Thoracolumbar epidural stimulation effects on bladder and bowel function in uninjured and chronic transected anesthetized rats.. <i>Scientific Reports</i> , 2022 , 12, 2137	4.9	1
1014	Measurement precision enhancement of surface plasmon resonance based angular scanning detection using deep learning.. <i>Scientific Reports</i> , 2022 , 12, 2052	4.9	3
1013	Photocatalytic removal of AR14 from aqueous solutions under visible light irradiation by synthesising sugarcane bagasse magnetic graphene oxide. 1-19		
1012	A Critical Review on the Economically Feasible and Sustainable Poly(3-Hydroxybutyrate--3-hydroxyvalerate) Production from Alkyl Alcohols.. 2022 , 14,		0
1011	Neglected floating cervical spine fracture with myelopathy and Anderson lesion of D2 D3: report of an unusual case.. 2022 , 8, 21		
1010	Current Methods for Extraction and Concentration of Foodborne Bacteria with Glycan-Coated Magnetic Nanoparticles: A Review.. 2022 , 12,		1
1009	Form follows function in human nonverbal vocalisations. 1-19		2
1008	Predicting Antifouling Activity and Acetylcholinesterase Inhibition of Marine-Derived Compounds Using a Computer-Aided Drug Design Approach.. 2022 , 20,		
1007	Numerical investigation of thin-film flow over a rotating disk subject to the heat source and nonlinear radiation: Lobatto IIIA approach. 1-15		12
1006	ReviewProspects of Nanomaterial-Based Biosensors: A Smart Approach for Bisphenol-A Detection in Dental Sealants.		2
1005	Prevalence and diagnostic ability of ßzone parapapillary atrophy in open-angle glaucoma: a systematic review and meta-analysis.. 2022 , 22, 72		1

- 1004 Crystal structures of the solvate and two tetralkylammonium inclusion compounds of [1, 2, 4, 5-tetra(4'-carboxyphenyl) - benzene]. 1-11
- 1003 An Analysis for Variable Physical Properties Involved in the Nano-Biofilm Transportation of Sutterby Fluid across Shrinking/Stretching Surface.. **2022**, 12, 7
- 1002 X-ray Imaging of Alloy Solidification: Crystal Formation, Growth, Instability and Defects.. **2022**, 15, 0
- 1001 Development of Gene Expression-Based Random Forest Model for Predicting Neoadjuvant Chemotherapy Response in Triple-Negative Breast Cancer.. **2022**, 14, 1
- 1000 Spatiotemporal variation and toxicity of trace metals in commercially important fish of the tidal Pasur River in Bangladesh.. **2022**, 1 1
- 999 Applications of Nano-Additives in Internal Combustion Engines: A Critical Review. **2022**, 1 3
- 998 Translational relevance of forward genetic screens in animal models for the study of psychiatric disease.. **2022**, 104559 1
- 997 Single-cell genomics for resolution of conserved bacterial genes and mobile genetic elements of the human intestinal microbiota using flow cytometry.. **2022**, 14, 2029673 0
- 996 A Reinforcement Learning Based Decision Support Tool for Epidemic Control: Validation Study for COVID-19. 1-33 0
- 995 Infrared spectrometric biomarkers for ulcerative colitis screening using human serum samples.. **2022**, e202100307
- 994 Transparent Anti-SARS-CoV-2 and Antibacterial Silver Oxide Coatings.. **2022**, 4
- 993 ADA-COVID: Adversarial Deep Domain Adaptation-Based Diagnosis of COVID-19 from Lung CT Scans Using Triplet Embeddings.. **2022**, 2022, 2564022 2
- 992 The direction and timing of theta and alpha traveling waves modulate human memory processing. 1
- 991 Recombinant Expression and Antibacterial Properties of BmTXKS2 Venom Peptide in Fusion with GST. **2022**, 28, 1
- 990 Using DNA metabarcoding as a novel approach for analysis of platypus diet.. *Scientific Reports*, **2022**, 12, 2247 4.9 0
- 989 Application of magnetic sulfonated Alnus waste leaves as a heterogeneous catalyst for multi-component reactions; comparison and evaluation of acidity of eleven different leaves. **2022**, 135, 811
- 988 Extraction of P wave from ambient seafloor noise observed by distributed acoustic sensing. 0
- 987 Prediction of aortic dilatation in surgically repaired type A dissection: A longitudinal study using computational fluid dynamics. **2022**, 0

986	Edge Illumination X-ray Phase Contrast Imaging for Impact Damage Detection in CFRP. 2022 , 31, 103279	3
985	Coherence-based connectivity analysis of EEG and EMG signals during reach-to-grasp movement involving two weights. 1-15	
984	Biochemical and Molecular Dynamics Study of a Novel GH 43 β -Arabinofuranosidase/ β -Xylosidase From DSM8903.. 2022 , 10, 810542	0
983	Multiplexed flow cytometric approach for detection of anti-SARS-CoV-2 IgG, IgM and IgA using beads covalently coupled to the nucleocapsid protein.. 2022 ,	0
982	Therapeutic dilemmas in addressing SARS-CoV-2 infection: Favipiravir versus Remdesivir.. 2022 , 147, 112700	7
981	Heterogeneous microstructural changes of the cervix influence cervical funneling.. 2021 , 140, 434-434	1
980	Re-identification of plant impressions on prehistoric pottery from Ukraine. 2022 , 42, 103364	
979	Persistent composition legacy and rapid structural change following successive fires in Sierra Nevada mixed conifer forests. 2022 , 509, 120079	0
978	Regenerable solvents mediate accelerated low temperature CO ₂ capture and carbon mineralization of ash and nano-scale calcium carbonate formation. 2022 , 180, 106209	1
977	Ambient temperature and Covid-19 transmission: An evidence from a region of Iran based on weather station and satellite data.. 2022 , 112887	3
976	A comparative study of the oxidation of dopamine in deep eutectic solvents: A potential approach to synthesis polydopamine particles with various shapes, sizes, and compositions. 52090	
975	Delayed Bleeding After Endoscopic Resection of Colorectal Polyps: Identifying High-Risk Patients.. 2021 , 14, 477-492	0
974	The role of European health system characteristics in affecting Covid 19 lethality during the early days of the pandemic. <i>Scientific Reports</i> , 2021 , 11, 23739	4.9 0
973	HIV and SARS-CoV-2 Co-infection: Epidemiological, Clinical Features, and Future Implications for Clinical Care and Public Health for People Living with HIV (PLWH) and HIV Most-at-Risk Groups. 2021 , 18, 518	1
972	Influence of the induced magnetic field on second-grade nanofluid flow with multiple slip boundary conditions. 1-16	3
971	New Evidence for Wet Accretion of Inner Solar System Planetesimals from Meteorites Chelyabinsk and Benenitra. 2021 , 2, 244	0
970	Porphyrin-Based Nanostructures for Cancer Theranostics: Chemistry, Fundamentals and Recent Advances. 2021 , 6, 14082-14099	2
969	Blind spots in AI ethics. 1	6

968	Priming crops for the future: rewiring stress memory.. 2021 ,	9
967	Raman spectroscopy: current applications in breast cancer diagnosis, challenges and future prospects. 2021 ,	5
966	A novel sequence-based predictor for identifying and characterizing thermophilic proteins using estimated propensity scores of dipeptides. <i>Scientific Reports</i> , 2021 , 11, 23782	4.9 4
965	Synthesis and mesomorphic study of new phenylthiophene liquid crystals. 1-8	3
964	QTL mapping of a Brazilian bioethanol strain links the cell wall protein-encoding gene GAS1 to low pH tolerance in <i>S. cerevisiae</i> .. 2021 , 14, 239	1
963	Using mathematical models to evaluate germination rate and seedlings length of chickpea seed (<i>Cicer arietinum</i> L.) to osmotic stress at cardinal temperatures.. 2021 , 16, e0260990	1
962	The pigtail macaque (<i>Macaca nemestrina</i>) model of COVID-19 reproduces diverse clinical outcomes and reveals new and complex signatures of disease.. 2021 , 17, e1010162	2
961	De novo Prediction of Cell-Drug Sensitivities Using Deep Learning-based Graph Regularized Matrix Factorization. 2022 , 27, 278-289	
960	Comparison of Clinical and Imaging Outcomes of Different Doses of Adipose-Derived Stromal Vascular Fraction Cell Treatment for Knee Osteoarthritis.. 2021 , 30, 9636897211067454	0
959	Bronchopleural fistula due to cavitary pneumonia after SARS-CoV-2 infection treated with open thoracostomy.. 2022 , 2022, rjac076	0
958	Memristors based on carbon dots for learning activities in artificial biosynapse applications.	0
957	Porous organic-inorganic hybrid materials for catalysis, energy and environmental applications.. 2022 ,	2
956	A Survey of Machine Learning Technologies for COVID-19 Pandemic. 2022 ,	
955	Conversion of scrap iron into ultrafine Fe_2O_3 nanorods for the efficient visible light photodegradation of ciprofloxacin. 2022 , 46, 5861-5868	0
954	Controlling the Implementation of Precautionary Measures in Conducting Exams Within a University During the COVID-19 Pandemic. 2022 , 321-341	
953	Database Repeated Record Detection Algorithm for Information Deep Learning. 2022 , 829-834	
952	Role of ICG Fluorescence Imaging in Laparoscopic Bowel Anastomosis. 2022 , 267-281	
951	Modeling intracellular transport and traffic jam in 3D neurons using PDE-constrained optimization. 2022 , 38, 44-59	1

- 950 Electrode materials for stretchable triboelectric nanogenerator in wearable electronics.. **2022**, 12, 10545-10578
- 949 Understanding slow compression and decompression of frictionless soft granular matter by network analysis.. **2022**, 0
- 948 Roles for non-human primate-associated phage diversity in improving medicine and public health.. **2022**, 10, 123-129
- 947 Picosecond-resolved fluorescence resonance energy transfer (FRET) in diffuse reflectance spectroscopy explores biologically relevant hidden molecular contacts in a non-invasive way.. **2022**,
- 946 Screening and identification of a novel antidiabetic peptide from collagen hydrolysates of Chinese giant salamander skin: network pharmacology, inhibition kinetics and protection of IR-HepG2 cells.. **2022**, 3
- 945 Experimental Study on Thermodynamics and Kinetics of Hydrate Formation in TBAB-CO₂-N₂-H₂O System. **2022**, 384-391
- 944 A New Standardized Type Drought Indicators Based Hybrid Procedure for Strengthening Drought Monitoring System. **2022**, 74, 119-140 0
- 943 Electroanalytical overview: screen-printed electrochemical sensing platforms for the detection of vital cardiac, cancer and inflammatory biomarkers. 2
- 942 Occupational Fatigue and Associated Factors among Saudi Nurses Working 8-Hour Shifts at Public Hospitals.. **2022**, 8, 23779608221078158 0
- 941 Microfluidics in Biotechnology: Overview and Status Quo.. **2022**, 1 0
- 940 Bioactive surface modifications through thermally sprayed hydroxyapatite composite coatings: a review of selective reinforcements.. **2022**, 2
- 939 A novel explainable COVID-19 diagnosis method by integration of feature selection with random forest.. **2022**, 30, 100941 4
- 938 Hierarchical clustering analysis of hydrogen bond networks in aqueous solutions.. **2022**, 0
- 937 Application of novel metal-organic framework [Zr-UiO-66-PDC-SOH]FeCl in the synthesis of dihydrobenzo[*b*]pyrimido[4,5-*b*]quinoline derivatives.. **2022**, 12, 9058-9068 1
- 936 Candidate genes for polycystic ovary syndrome are regulated by TGF β in the bovine foetal ovary.. **2022**, 0
- 935 A first-principles investigation of pressure induced topological phase transitions in half-Heusler AgSrBi. 0
- 934 Materials prepared by Freezing-Induced Self-Assembly of Dispersed Solutes: A Review. **2022**, 3, 3041-3054 1
- 933 Intelligent control of nanoparticle synthesis through machine learning.. **2022**, 3

- 932 Photocurable silk fibroin-based tissue sealants with enhanced adhesive properties for the treatment of corneal perforations.. **2022**, 7
- 931 Organically tuned white-light emission from two zero-dimensional Cd-based hybrids.. **2022**, 12, 10431-10442 2
- 930 Removal of lead and copper from wastewater using Bael fruit shell as an adsorbent. **2022**, 53, 65-70 1
- 929 South/Southeast Asia Research Initiative (SARI) and Agricultural Research Projects. **2022**, 33-51
- 928 Inhibition of the main protease of SARS-CoV-2 (M) by repurposing/designing drug-like substances and utilizing nature's toolbox of bioactive compounds.. **2022**, 12
- 927 A sustainable gateway to access 1,8-dioxo-octahydroxanthene scaffolds via a surface-engineered halloysite-based magnetically responsive catalyst. **2022**, 46, 5405-5418 1
- 926 Antiurease screening of alkyl chain-linked thiourea derivatives: biological activities, molecular docking, and dynamic simulations studies.. **2022**, 12, 6292-6302 1
- 925 Network-based stage-specific drug repurposing for Alzheimer's disease.. **2022**, 20, 1427-1438 1
- 924 Study on liquid-like SiGe cluster growth during co-condensation from supersaturated vapor mixtures by molecular dynamics simulation.. **2022**, 0
- 923 Computational Intelligence-Based Gene Expression Analysis in Colorectal Cancer: A Review. **2022**, 387-410 1
- 922 Controlled supramolecular interaction to enhance the bioavailability of hesperetin to targeted cancer cells through graphyne: a comprehensive study.. **2022**, 12, 6336-6346 1
- 921 Recent developments in alginate-based adsorbents for removing phosphate ions from wastewater: a review.. **2022**, 12, 8228-8248 8
- 920 Using decision tree algorithms for estimating ICU admission of COVID-19 patients.. **2022**, 30, 100919 0
- 919 New technologies can support data collection on endangered shark species in the Mediterranean Sea. 0
- 918 Future Prospects of Sandalwood Research. **2022**, 99-103
- 917 Near Real-Time Federated Machine Learning Approach Over Chest Computed Tomography for COVID-19 Diagnosis. **2022**, 21-36
- 916 Energetic Host-guest Inclusion Compounds: An Effective Design Paradigm for High-energy Materials. 1
- 915 Deep generative models for peptide design. 2

914	Anomaly Detection on Static and Dynamic Graphs Using Graph Convolutional Neural Networks. 2022 , 227-248	1
913	Transgene Flow: Challenges to the On-Farm Conservation of Maize Landraces in the Brazilian Semi-Arid Region.. 2022 , 11,	1
912	Computational Analysis of Nanoparticle Shapes on Hybrid Nanofluid Flow Due to Flat Horizontal Plate via Solar Collector.. 2022 , 12,	3
911	Birth cohort relative to an influenza A virus's antigenic cluster introduction drives patterns of children's antibody titers.. 2022 , 18, e1010317	0
910	Cutaneous Reactions to COVID-19 Vaccines: A Review.. 2022 ,	5
909	Identification and Characterization of Key Genes Responsible for Weedy and Cultivar Growth Types in Soybean.. 2022 , 13, 805347	1
908	COVID-DAI: A novel framework for COVID-19 detection and infection growth estimation using computed tomography images.. 2022 ,	0
907	Spatial distribution and community structure of microbiota associated with cowpea aphid (Koch).. 2022 , 12, 75	0
906	How mycobacterium tuberculosis infection could lead to the increasing risks of chronic fatigue syndrome and the potential immunological effects: a population-based retrospective cohort study.. 2022 , 20, 99	1
905	Properties, Genetics and Innate Immune Function of the Cuticle in Egg-Laying Species.. 2022 , 13, 838525	2
904	A multi-sensory stimulating attention model for cities' taxi service demand prediction.. <i>Scientific Reports</i> , 2022 , 12, 3065	4.9 0
903	An EEG-Based Investigation of the Effect of Perceived Observation on Visual Memory in Virtual Environments.. 2022 , 12,	3
902	An Optimized Framework for Breast Cancer Classification Using Machine Learning.. 2022 , 2022, 8482022	2
901	A critique of the capacitor-based "Transmembrane Electrostatically Localized Proton" hypothesis.. 2022 , 54, 59	0
900	Effects of thalassemia on pregnancy outcomes of women with gestational diabetes mellitus.. 2022 ,	0
899	A Deep Learning Model for Preoperative Differentiation of Glioblastoma, Brain Metastasis and Primary Central Nervous System Lymphoma: A Pilot Study.. 2022 , 12, 816638	2
898	Molecular Approaches in Fetal Malformations, Dynamic Anomalies and Soft Markers: Diagnostic Rates and Challenges-Systematic Review of the Literature and Meta-Analysis.. 2022 , 12,	1
897	Endophytic Fungi Isolated from and with Antifungal Activity against .. 2022 , 8,	1

- 896 Secondary primary malignancy in patients with head and neck squamous cell carcinoma: 27-year experience from the perspective of diagnostic tools.. **2022**, 17, e0263773 0
- 895 Comparing Machine Learning and Binary Thresholding Methods for Quantification of Callose Deposits in the Citrus Phloem.. **2022**, 11, 0
- 894 ACEA Attenuates Oxidative Stress by Promoting Mitophagy via CB1R/Nrf1/PINK1 Pathway after Subarachnoid Hemorrhage in Rats.. **2022**, 2022, 1024279 1
- 893 Game-Theoretic Frameworks for Epidemic Spreading and Human Decision-Making: A Review.. **2022**, 12, 1-42 4
- 892 MHD mixed convection and entropy generation of CNT-water nanofluid in a wavy lid-driven porous enclosure at different boundary conditions.. *Scientific Reports*, **2022**, 12, 2881 4.9 2
- 891 Phylogenetic analysis and genetic diversity of the xylariaceous ascomycete *Biscogniauxia mediterranea* from cork oak forests in different bioclimates.. *Scientific Reports*, **2022**, 12, 2646 4.9 0
- 890 Landslide detection in the Himalayas using machine learning algorithms and U-Net. **2022**, 19, 1209 7
- 889 Photothermal and Photodynamic Therapy of Tumors with Plasmonic Nanoparticles: Challenges and Prospects.. **2022**, 15, 2
- 888 In Vitro Validation of Antiparasitic Activity of PLA-Nanoparticles of Sodium Diethyldithiocarbamate against .. **2022**, 14, 0
- 887 The Relationship of Epicardial Adipose Tissue and Cardiovascular Disease in Chronic Kidney Disease and Hemodialysis Patients.. **2022**, 11, 0
- 886 Computer vision-aided bioprinting for bone research.. **2022**, 10, 21 0
- 885 Development of a model for modulus of polymer halloysite nanotube nanocomposites by the interphase zones around dispersed and networked nanotubes.. *Scientific Reports*, **2022**, 12, 2443 4.9 1
- 884 An Interplay Between Post-Traumatic Epilepsy and Associated Cognitive Decline: A Systematic Review.. **2022**, 13, 827571 2
- 883 A Quantitative Imaging Biomarker Supporting Radiological Assessment of Hippocampal Sclerosis Derived From Deep Learning-Based Segmentation of T1w-MRI.. **2022**, 13, 812432 0
- 882 Towards N-N-Doped Carbon Dots: A Combined Computational and Experimental Investigation.. **2022**, 15, 0
- 881 Multi-modal 3D imaging of radionuclides using multiple hybrid Compton cameras.. *Scientific Reports*, **2022**, 12, 2546 4.9 2
- 880 Simulating Transmission Scenarios of the Delta Variant of SARS-CoV-2 in Australia.. **2022**, 10, 823043 4
- 879 Numerical simulation of hybrid Casson nanofluid flow by the influence of magnetic dipole and gyrotactic microorganism. 1-16 3

878	Nanostructured Carbons: towards Soft-Bioelectronics, Biosensing and Therapeutic Applications.. 2022 , e202100319	1
877	Chlamydia Species and Related Risk Factors in Poultry in North-Western Italy: Possible Bird-to-Human Transmission for .. 2022 , 19,	1
876	Targeting the Ubiquitylation and ISGylation Machinery for the Treatment of COVID-19.. 2022 , 12,	1
875	Individual differences in social attachment: A multi-disciplinary perspective.. 2022 ,	1
874	Isokinetic muscle strength cannot be related to the odds ratio of musculoskeletal injuries in young elite wrestlers.. 2022 , 14, 29	0
873	An assessment of bioinformatics tools for the detection of human endogenous retroviral insertions in short-read genome sequencing data.	1
872	Avian Reoviruses From Wild Birds Exhibit Pathogenicity to Specific Pathogen Free Chickens by Footpad Route.. 2022 , 9, 844903	2
871	Invasive Alternanthera philoxeroides has performance advantages over natives under flooding with high amount of nitrogen. 1	0
870	Automated attention deficit classification system from multimodal physiological signals. 1	0
869	Perceptions of COVID-19 Self-Testing and Recommendations for Implementation and Scale up Among Black/African Americans: Implications for the COVID-19 STEP Project.. 2022 ,	0
868	Impact of winter blocking on surface air temperature in East Asia: Ural versus Okhotsk blocking. 1	2
867	Hypothesis: Emerging Roles for Aryl Hydrocarbon Receptor in Orchestrating CoV-2-Related Inflammation.. 2022 , 11,	0
866	Aspects of infinite shear rate viscosity and heat transport of magnetized Carreau nanofluid. 2022 , 137, 1	8
865	Multi-Method Diagnosis of Blood Microscopic Sample for Early Detection of Acute Lymphoblastic Leukemia Based on Deep Learning and Hybrid Techniques.. 2022 , 22,	8
864	A Bi-Convective Magnetized Hybrid Nanofluid Flow Along with Thermal Radiation in an Adverse Pressure Field Using Temperature-Sensitive Base Fluid (Water) Properties. 2022 , 11, 142-153	1
863	Intensive care unit occupancy predictions in the COVID-19 pandemic based on age-structured modelling and differential flatness.. 2022 , 1-19	0
862	Validation of a roughness parameters for defining surface roughness of prosthetic polyethylene Pe-Lite liner.. <i>Scientific Reports</i> , 2022 , 12, 2636	4.9 0
861	Effects of Biochar Amendment and Nitrogen Fertilizer on RVA Profile and Rice Grain Quality Attributes.. 2022 , 11,	3

860	Association between smartphone addiction risk, sleep quality, and sleep duration among Korean school-age children: a population-based panel study. 1		0
859	Classification of endogenous and exogenous bursts in collective emotions based on Weibo comments during COVID-19.. <i>Scientific Reports</i> , 2022 , 12, 3120	4.9	
858	The Effects of Antioxidants from Natural Products on Obesity, Dyslipidemia, Diabetes and Their Molecular Signaling Mechanism.. 2022 , 23,		5
857	Urinary Proteomic Signature in Acute Decompensated Heart Failure: Advances into Molecular Pathophysiology.. 2022 , 23,		1
856	LC-ESI-MS/MS Polyphenolic Profile and In Vitro Study of Cosmetic Potential of (L.) Juss. Herb Extracts.. 2022 , 27,		0
855	Partnership-defined quality approach to companionship during labour and birth in East New Britain, Papua New Guinea: A mixed-methods study. 2022 , 2, e0000102		
854	Coffee pest severity by agrometeorological models in subtropical climate.. 2022 , 1		1
853	A Novel 4D Hyperchaotic System Assisted Josephus Permutation for Secure Substitution-Box Generation. 2022 , 94, 315-328		2
852	Psychostimulants influence oxidative stress and redox signatures: the role of DNA methylation.. 2022 , 27, 53-59		0
851	A Digital Feature Recognition Technology Used in Ballet Training Action Correction.. 2022 , 2022, 7953172		0
850	DNA Methylation in Lung Cancer: Mechanisms and Associations with Histological Subtypes, Molecular Alterations, and Major Epidemiological Factors.. 2022 , 14,		4
849	Alberta Infant Motor Scale (AIMS) Performance of Early-Term Greek Infants: The Impact of Shorter Gestation on Gross Motor Development among "Term-Born" Infants.. 2022 , 9,		0
848	Unravelling the treasure trove of drought-responsive genes in wild-type peanut through transcriptomics and physiological analyses of root.. 2022 , 22, 215		0
847	A proficient approach to forecast COVID-19 spread via optimized dynamic machine learning models.. <i>Scientific Reports</i> , 2022 , 12, 2467	4.9	9
846	A decade of stability for wMel Wolbachia in natural <i>Aedes aegypti</i> populations.. 2022 , 18, e1010256		1
845	Changes in Cytokines Concentration Following Long-Distance Running: A Systematic Review and Meta-Analysis.. 2022 , 13, 838069		3
844	Mixed convective flow of Casson and Oldroyd-B fluids through a stratified stretching sheet with nonlinear thermal radiation and chemical reaction. 2022 , 16, 193-203		2
843	Contamination of Soil, Water, Fresh Produce, and Bivalve Mollusks with Oocysts: A Systematic Review.. 2022 , 10,		1

842	The Association Between Sociability and COVID-19 Pandemic Stress.. 2022 , 13, 828076		0
841	Machine Learning Methods for Diagnosis of Eye-Related Diseases: A Systematic Review Study Based on Ophthalmic Imaging Modalities.		1
840	Identification of a Tumor Cell Associated Type I IFN Resistance Gene Expression Signature of Human Melanoma, the Components of Which Have a Predictive Potential for Immunotherapy.. 2022 , 23,		2
839	Distribution and safety assessment of heavy metals in fresh meat from Zhejiang, China.. <i>Scientific Reports</i> , 2022 , 12, 3241	4.9	3
838	Semi-Scavenging Poultry as Carriers of Avian Influenza Genes.. 2022 , 12,		0
837	Understanding the Relationships between Free Asparagine in Grain and Other Traits to Breed Low-Asparagine Wheat.. 2022 , 11,		5
836	Good things come to those who mate: analysis of the mating behaviour in the menstruating rodent, <i>Acomys cahirinus</i> . 2022 , 7,		
835	Antimicrobial Usage in Smallholder Poultry Production in Nigeria.. 2022 , 2022, 7746144		0
834	Numerical simulation of bioconvective Darcy Forchhemier nanofluid flow with energy transition over a permeable vertical plate.. <i>Scientific Reports</i> , 2022 , 12, 3228	4.9	3
833	Fruit classification using attention-based MobileNetV2 for industrial applications.. 2022 , 17, e0264586		10
832	A numerical approach to interpret melting and activation energy phenomenon on the magnetized transient flow of Prandtl-Eyring fluid with the application of Cattaneo-Christov theory. 1-21		5
831	Microfluidic free-flow electrophoresis: A promising tool for protein purification and analysis in proteomics. 2022 ,		0
830	The Mitochondrial Epigenome: An Unexplored Avenue to Explain Unexplained Myopathies?. 2022 , 23,		1
829	Optical imaging spectroscopy for rapid, primary screening of SARS-CoV-2: a proof of concept.. <i>Scientific Reports</i> , 2022 , 12, 2356	4.9	0
828	InCASEOF scoring system for distinction between pachychoroid-associated macular neovascularization and neovascular age-related macular degeneration in patients older than 50 years.. <i>Scientific Reports</i> , 2022 , 12, 2938	4.9	0
827	Manganese-Labeled Alginate Hydrogels for Image-Guided Cell Transplantation.. 2022 , 23,		2
826	A Data-Driven Model with Feedback Calibration Embedded Blood Pressure Estimator Using Reflective Photoplethysmography.. 2022 , 22,		1
825	Machine learning-based prediction of postpartum hemorrhage after vaginal delivery: combining bleeding high risk factors and uterine contraction curve.. 2022 , 1		1

824	The 3D Bioprinted Scaffolds for Wound Healing.. 2022 , 14,	4
823	Facile Synthesis of the Shape-Persistent 4-Hydroxybenzaldehyde Based Macrocycles and Exploration of their Key Electronic Properties: An Experimental and DFT Approach. 2022 , 7,	
822	Shear thinning and shear thickening aspects in magnetized 3D cross-nanofluid flow with activation energy and motile microorganisms. 1-20	0
821	Identification and Prediction of Chronic Diseases Using Machine Learning Approach.. 2022 , 2022, 2826127	4
820	Extending the susceptible-exposed-infected-removed (SEIR) model to handle the false negative rate and symptom-based administration of COVID-19 diagnostic tests: SEIR-fansy.. 2022 ,	1
819	Rabbit Haemorrhagic Disease Virus 2 (RHDV2; GI.2) in Ireland Focusing on Wild Irish Hares (): An Overview of the First Outbreaks and Contextual Review.. 2022 , 11,	0
818	A fuzzy analysis for porous bioceramic-magnetite nanoparticles-zirconia scaffold prepared by space holder technique with poly vinyl pyrrolidone (PVP) coating: Investigation of mechanical and biological properties. 2022 ,	1
817	The application of ResU-net and OBIA for landslide detection from multi-temporal sentinel-2 images. 1-26	6
816	Physiological and transcriptome analysis reveals the differences in nitrate content between lamina and midrib of flue-cured tobacco.. <i>Scientific Reports</i> , 2022 , 12, 2932	4-9
815	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2021.. 2022 , 21, 275	4
814	Epidemiological Mucormycosis treatment and diagnosis challenges using the adaptive properties of computer vision techniques based approach: a review.. 2022 , 1-29	0
813	Integration of liquid biopsy and pharmacogenomics for precision therapy of EGFR mutant and resistant lung cancers.. 2022 , 21, 61	0
812	Inspiratory and peripheral muscle strength as predictors for extubation failure in COVID-19 patients.. 2022 , 26, 45	
811	Improvement of Selected Morphological, Physiological, and Biochemical Parameters of Roselle (L.) Grown under Different Salinity Levels Using Potassium Silicate and Extract.. 2022 , 11,	1
810	Tunable spatiotemporal resolution photoacoustic microscopy by combining quasi-periodic scanning and register-fusion algorithm. 2022 , 15, 032004	0
809	Ecogeographic Conditions Dramatically Affect -Resveratrol and Other Major Phenolics' Levels in Wine at a Semi-Arid Area.. 2022 , 11,	0
808	Identification of novel inhibitors for Prp protein of Mycobacterium tuberculosis by structure based drug design, and molecular dynamics simulations.. 2022 ,	1
807	Understanding Language Reorganization With Neuroimaging: How Language Adapts to Different Focal Lesions and Insights Into Clinical Applications.. 2022 , 16, 747215	3

806	New Findings on the Biology and Ecology of the Ecuadorian Amazon Fungus var. .. 2022 , 8,		0
805	Model of glymphatic clearance of aggregating proteins from the brain interstitium.. 2022 , 105, 024405		0
804	Quality of Life and Role of Palliative and Supportive Care for Patients With Brain Metastases and Caregivers: A Review.. 2022 , 13, 806344		0
803	Corneal and Epidermal Nerve Quantification in Chemotherapy Induced Peripheral Neuropathy.. 2022 , 9, 832344		1
802	Efficacy of Gold Nanoparticles against Drug-Resistant Nosocomial Fungal Pathogens and Their Extracellular Enzymes: Resistance Profiling towards Established Antifungal Agents.. 2022 , 12,		5
801	Stereotactic Body Radiation Therapy in Patients with Oligometastatic Disease: Clinical State of the Art and Perspectives.. 2022 , 14,		2
800	Fragile X Mental Retardation Protein and Cerebral Expression of Metabotropic Glutamate Receptor Subtype 5 in Men with Fragile X Syndrome: A Pilot Study.. 2022 , 12,		1
799	Segmentation of pancreatic ductal adenocarcinoma (PDAC) and surrounding vessels in CT images using deep convolutional neural networks and texture descriptors.. <i>Scientific Reports</i> , 2022 , 12, 3092	4.9	2
798	Molecular Mechanism of Overcoming Host Resistance by the Gene in .. 2022 , 10,		0
797	Modulation of Cellular Redox Parameters for Improving Therapeutic Responses in Multiple Myeloma.. 2022 , 11,		1
796	Machine learning applications to Covid-19: a state-of-the-art survey. 2022 ,		5
795	Thermal analysis for [Formula: see text]-sodium alginate magnetized Jeffrey's nanofluid flow past a stretching sheet embedded in a porous medium.. <i>Scientific Reports</i> , 2022 , 12, 3287	4.9	2
794	Effects of age, sex, serostatus, and underlying comorbidities on humoral response post-SARS-CoV-2 Pfizer-BioNTech mRNA vaccination: a systematic review.. 2022 , 1-18		6
793	Circadian Regulation of Retinal Pigment Epithelium Function.. 2022 , 23,		1
792	Rapid Response in an Uncertain Environment: Study of COVID-19 Scientific Research Under the Parallel Model.. 2022 , 15, 339-349		
791	The Role of Endothelial Progenitor Cells in Atherosclerosis and Impact of Anti-Lipemic Treatments on Endothelial Repair.. 2022 , 23,		1
790	Ge Ion Implanted Photonic Devices and Annealing for Emerging Applications.. 2022 , 13,		1
789	Implementation of a Rapid RT-LAMP Saliva-Based SARS-CoV-2 Testing Program in the Workplace.. 2022 , 12,		0

788	On unsteady 3D bio-convection flow of viscoelastic nanofluid with radiative heat transfer inside a solar collector plate.. <i>Scientific Reports</i> , 2022 , 12, 2952	4.9	1
787	Biological Functions and Applications of Virus-Related Bacterial Nanoparticles: A Review.. 2022 , 23,		0
786	Performance evaluation of electrocoagulation using aluminum, iron and copper electrodes for removal of xanthate. 1		
785	Risk identification of coal spontaneous combustion based on COWA modified G1 combination weighting cloud model.. <i>Scientific Reports</i> , 2022 , 12, 2992	4.9	1
784	Serum Metabolomic Analysis of Male Patients with Cannabis or Amphetamine Use Disorder.. 2022 , 12,		0
783	Whole genome sequence analysis showing unique SARS-CoV-2 lineages of B.1.524 and AU.2 in Malaysia.. 2022 , 17, e0263678		0
782	Diagnosing pleural effusions using mass spectrometry-based multiplexed targeted proteomics quantitating mid- to high-abundance markers of cancer, infection/inflammation and tuberculosis.. <i>Scientific Reports</i> , 2022 , 12, 3054	4.9	0
781	NLRP3 priming due to skin damage precedes LTP allergic sensitization in a mouse model.. <i>Scientific Reports</i> , 2022 , 12, 3329	4.9	0
780	Design of neuro-swarming computational solver for the fractional Bagley-Torvik mathematical model.. 2022 , 137, 245		2
779	Dysbiosis of skin microbiome and gut microbiome in melanoma progression.. 2022 , 22, 63		2
778	Links between Insulin Resistance and Periodontal Bacteria: Insights on Molecular Players and Therapeutic Potential of Polyphenols.. 2022 , 12,		1
777	Comparison on Fusarium Basal Rot Occurrence among Shallot Cultivations in Bantul Regency. 2022 , 985, 012052		
776	Innate and Adaptive Immunopathogeneses in Viral Hepatitis; Crucial Determinants of Hepatocellular Carcinoma.. 2022 , 14,		1
775	Mediterranean Diet and Genetic Determinants of Obesity and Metabolic Syndrome in European Children and Adolescents.. 2022 , 13,		0
774	Short-term physiologic response of the green microalga <i>Picochlorum</i> sp. (BPE23) to supra-optimal temperature.. <i>Scientific Reports</i> , 2022 , 12, 3290	4.9	1
773	Mobility Signatures: A Tool for Characterizing Cities Using Intercity Mobility Flows.. 2022 , 5, 822889		1
772	Deep learning-based quantitative analyses of spontaneous movements and their association with early neurological development in preterm infants.. <i>Scientific Reports</i> , 2022 , 12, 3138	4.9	0
771	Case Report: Repeated Intralesional Injections of Autologous Mesenchymal Stem Cells Combined With Platelet-Rich Plasma for Superficial Digital Flexor Tendon Healing in a Show Jumping Horse.. 2022 , 9, 843131		1

770	Multi-Omics Characterization of a Human Stem Cell-Based Model of Cardiac Hypertrophy.. 2022 , 12,	1
769	Anti-COVID-19 Nanomaterials: Directions to Improve Prevention, Diagnosis, and Treatment.. 2022 , 12,	3
768	Multiplex real-time RT-PCR method for the diagnosis of SARS-CoV-2 by targeting viral N, RdRP and human RP genes.. <i>Scientific Reports</i> , 2022 , 12, 2853	4.9 7
767	Applications of fractional derivatives in MHD free-convective oscillating flow of a blood based CNTs nanofluid across a porous medium. 095440892210824	0
766	Studies on the Volatiles Composition of Stored Sheep Wool, and Attractancy toward Mosquitoes.. 2022 , 13,	0
765	Application of advanced nuclear analytical techniques for the electrocatalyst's characterization: Paving the path for mechanistic investigations. 2022 , 100958	
764	ACPNet: A Deep Learning Network to Identify Anticancer Peptides by Hybrid Sequence Information.. 2022 , 27,	3
763	You Cannot Hit Snooze on OSA: Sequelae of Pediatric Obstructive Sleep Apnea.. 2022 , 9,	5
762	Chemical and radiological human health risk assessment from uranium and fluoride concentrations in tap water samples collected from Shiraz, Iran; Monte-Carlo simulation and sensitivity analysis. 1-16	0
761	Genomic Diversity of SARS-CoV-2 in Algeria and North African Countries: What We Know So Far and What We Expect?. 2022 , 10,	1
760	Nutrigenomics and nutrigenetics in poultry nutrition: An updated review. 1-20	3
759	Diagnostic assay and technology advancement for detecting SARS-CoV-2 infections causing the COVID-19 pandemic.. 2022 , 414, 2903	3
758	Artificial intelligence in positioning between mandibular third molar and inferior alveolar nerve on panoramic radiography.. <i>Scientific Reports</i> , 2022 , 12, 2456	4.9 2
757	Propensity-Score-Matched Evaluation of Adverse Events Affecting Recovery after COVID-19 Vaccination: On Adenovirus and mRNA Vaccines.. 2022 , 10,	1
756	Effectiveness of transcranial direct current stimulation on hand dexterity in stroke patients: a protocol for a systematic review and meta-analysis.. 2022 , 12, e056064	0
755	Patterns of -L995F Allele Emergence Alongside Detoxifying Enzymes Associated with Deltamethrin Resistance in s.l. from North Cameroon.. 2022 , 11,	0
754	Adsorptive performance of a synthesized Mg-Al Hydrotalcite compound for removal of malachite green: kinetic, isotherm, thermodynamic, and mechanism study. 1-20	0
753	Exploiting Resistive Matrix Technology to Build a Stretchable Sensorised Sock for Gait Analysis in Daily Life.. 2022 , 22,	1

752	Genomic Bootstrap Barcodes and Their Application to Study the Evolution of Sarbecoviruses.. 2022 , 14,	0
751	HLA-G and the MHC Cusp Theory.. 2022 , 13, 814967	0
750	Comparative outcomes of combined corticosteroid and remdesivir therapy with corticosteroid monotherapy in ventilated COVID-19 patients.. 2022 , 17, e0264301	0
749	Coriander Oil Reverses Dexamethasone-Induced Insulin Resistance in Rats.. 2022 , 11,	0
748	Using Microbial Responses Viewer and a Regression Approach to Assess the Effect of pH, Activity of Water and Temperature on the Survival of spp.. 2022 , 11,	0
747	The basic reproduction number of COVID-19 across Africa.. 2022 , 17, e0264455	1
746	Reply to: methodological inconsistencies define thermal bottlenecks in fish life cycle. 2022 , 36, 293	0
745	RhoG's Role in T Cell Activation and Function.. 2022 , 13, 845064	0
744	Probing the electronic, elastic, mechanical and anisotropic features of ZrTiX(4) alloys via density functional theory.	
743	Magnetic iron oxide nanosorbents effective in dye removal. 1	1
742	GeneTargeter: Automated Design for Genome Editing in the Malaria Parasite, .. 2022 , 5, 155-164	0
741	Characteristics of equivalent black carbon aerosols over Doon Valley in NW Indian Himalaya during COVID-19 lockdown 2020.. 2022 , 194, 229	0
740	The Mask Game with Multiple Populations.. 2022 , 1-21	1
739	The Role of Mutations in -Mutated Non-Small-Cell Lung Cancer: Clinical Significance and Implications for Therapy.. 2022 , 14,	0
738	In-vivo functional and structural retinal imaging using multiwavelength photoacoustic remote sensing microscopy.. <i>Scientific Reports</i> , 2022 , 12, 4562	4.9
737	COVID-19 vaccines and immunization in the paediatric population.. 2022 , 12, 1132-1134	
736	Mesophase behavior of four ring ester/azomethine/ester liquid crystals in pure and mixed states. 1-8	3
735	A modeling approach for estimating hydrogen sulfide solubility in fifteen different imidazole-based ionic liquids.. <i>Scientific Reports</i> , 2022 , 12, 4415	4.9 3

734	Lean Mass Dynamics in Hibernating Bats and Implications for Energy and Water Budgets.		1
733	Supervised machine learning for automatic classification of in vivo scald and contact burn injuries using the terahertz Portable Handheld Spectral Reflection (PHASR) Scanner.. <i>Scientific Reports</i> , 2022 , 12, 5096	4.9	3
732	Metal content in soils of Northern India and crop response: a review. 1		1
731	Growth of crystalline WO-ZnSe nanocomposites: an approach to optical, electrochemical, and catalytic properties.. <i>Scientific Reports</i> , 2022 , 12, 3962	4.9	0
730	Escape velocity centrality: escape influence-based key nodes identification in complex networks. 1		0
729	BRAF Induction in Thyrocytes Triggers Important Changes in the miRNAs Content and the Populations of Extracellular Vesicles Released in Thyroid Tumor Microenvironment.. 2022 , 10,		0
728	SARS-CoV-2 Nsp14 mediates the effects of viral infection on the host cell transcriptome.. 2022 , 11,		2
727	Surface smoothening and strengthening combined effect of mechanical hammer peening on inconel 718 superalloy. 1-7		0
726	Spatial differentiation of background matching strategies along a Late Pleistocene range expansion route.		0
725	Harmonization of robust radiomic features in the submandibular gland using multi-ultrasound systems: A preliminary study.		0
724	Fabrication of tapered waveguides by i-line UV lithography for flexible coupling control.		1
723	Soret and Dufour influences on forced convection of Cross radiative nanofluid flowing via a thin movable needle. 2022 , 12,		0
722	Golf swing in response to anteroposterior ball position. 174795412211376		0
721	Generative Adversarial Networks and Their Application in Fake Tweet Detection. 2023 , 611-625		0
720	Digital assessment of the accuracy of implant impression techniques in free end saddle partially edentulous patients. A controlled clinical trial. 2022 , 22,		0
719	Cavitation over solid surfaces: microbubble collapse, shock waves, and elastic response.		2
718	Transport properties of two-dimensional dissipative flow of hybrid nanofluid with Joule heating and thermal radiation. 2022 , 12,		0
717	A psycho-educational intervention programme for parents with SGA foetuses supported by an adaptive mHealth system: design, proof of concept and usability assessment. 2022 , 22,		0

- 716 Solid-liquid transitions in Mn-based ionic liquids [MeIM]₂[MnBr₄] and [EtIM]₂[MnBr₄] producing emission spectra with narrow green bands. **2022**, 112103 o
- 715 Robot-Assisted Needle Insertion for CT-Guided Puncture: Experimental Study with a Phantom and Animals. o
- 714 An influential node identification method considering multi-attribute decision fusion and dependency. **2022**, 12, o
- 713 Not by demography alone: Neanderthal extinction and null hypotheses in paleoanthropological explanation. **2022**, 37, o
- 712 An insight to HOMO LUMO aspects in corrosion applications. 1-12 o
- 711 Gene expression related to lung cancer altered by PHMG-p treatment in PBTE cells. o
- 710 Feature extended energy landscape model for interpreting coercivity mechanism. **2022**, 5, o
- 709 Inter-muscular coordination during running on grass, concrete and treadmill. o
- 708 The rapid vegetation line shift in response to glacial dynamics and climate variability in Himalaya between 2000 and 2014. **2023**, 195, o
- 707 The Impact of COVID-19 on Mental Health. **2023**, 1-18 o
- 706 Electrohydraulic Vascular Compression Device (e-VaC) with Integrated Sensing and Controls. 2201196 o
- 705 Decorated Au NPs on lignin coated magnetic nanoparticles: Investigation of its catalytic application in the reduction of aromatic nitro compounds and its performance against human lung cancer. **2022**, 223, 1067-1082 o
- 704 When the virtual water runs out: local and global responses to addressing unsustainable groundwater consumption. **2022**, 47, 1060-1084 o
- 703 Synergistic effects of imidacloprid and high temperature on honey bee colonies. **2022**, 53, o
- 702 Green synthesis of chitosan nanoparticles, optimization, characterization and antibacterial efficacy against multi drug resistant biofilm-forming *Acinetobacter baumannii*. **2022**, 12, 1
- 701 Contractile Adaptation of the Left Ventricle Post-myocardial Infarction: Predictions by Rodent-Specific Computational Modeling. o
- 700 Current perspectives on diffuse midline glioma and a different role for the immune microenvironment compared to glioblastoma. **2022**, 19, o
- 699 Thermal cooling efficacy of a solar water pump using Oldroyd-B (aluminum alloy-titanium alloy/engine oil) hybrid nanofluid by applying new version for the model of Buongiorno. **2022**, 12, 1

- 698 Critical evaluation of novel applications of aquatic weed *Azolla* as sustainable feedstock for deriving bioenergy and feed supplement. o
- 697 Hamiltonian-based data loading with shallow quantum circuits. **2022**, 106, o
- 696 Influence of research and development, environmental regulation, and consumption of energy on CO₂ emissions in China—Novel spatial Durbin model perspective. o
- 695 Buongiorno Modelled Nanoliquid Consequence of Thermal and Solutal Convection on the Magneto-Micropolar Fluid Inside an Inclined Porous Stretching Device. **2023**, 12, 211-222 1
- 694 Entropy Study of Hybrid (Al₂O₃-Cu/H₂O) Nano-Fluid in a Cylindrical Cavity with Wavy Sides Under the Effect of a Parallel Magnetic Field. **2023**, 12, 231-241 o
- 693 Heat shock protein-90: Independent predictor of rheumatoid arthritis-associated usual interstitial pneumonia. **2022**, 71, 474 o
- 692 An ensemble framework of deep neural networks for colorectal polyp classification. o
- 691 Combined Cloud-Based Inference System for the Classification of COVID-19 in CT-Scan and X-Ray Images. o
- 690 Combination of anti-PD-L1 and radiotherapy in hepatocellular carcinoma: a mathematical model with uncertain parameters. 003754972211338 o
- 689 Broadband THz absorption using nanosheets of Bi₂Te₃ grown on a transparent conductor. o
- 688 Molten salt-mediated synthesis of porous N-doped carbon as an efficient ORR electrocatalyst for zinc-air batteries. 1
- 687 Chemical composition and antimicrobial activities of the flavonoids *Ammi majus* L growing broadly in Western Iraq. **2022**, o
- 686 Selective Pd recovery from acidic leachates by 3-mercaptopropylphosphonic acid grafted TiO₂: does surface coverage correlate to performance?. **2022**, 12, 36046-36062 1
- 685 Controlling terahertz sound propagation: some preliminary Inelastic X-Ray Scattering result. **2022**, 272, 01010 o
- 684 Electronic and optical properties of graphene, silicene, germanene, and their semi-hydrogenated systems. **2022**, 12, 34851-34865 o
- 683 Comparison of leaf morphological, anatomical, and photosynthetic responses to drought stress among eight apple rootstocks. **2022**, 1-13 o
- 682 A review related to MXene preparation and its sensor arrays of electronic skins. o
- 681 A glomerulus and proximal tubule microphysiological system simulating renal filtration, reabsorption, secretion, and toxicity. o

- 680 Two-dimensional nanosheets of bimetallic chalcogenide-tagged nitrogen-doped carbon as a cathode for high-performance and durable zinc-ion capacitors. 0
- 679 Effects of surface patterning and topography on cellular functions of tissue engineered scaffolds with special reference to 3D bioprinting. 0
- 678 Graphene and its derivatives: One stone, three birds strategy for orthopedic implant-associated infections. 0
- 677 Cottonseed extract as a coagulant for water treatment. 1
- 676 Ovotransferrin alleviated acute gastric mucosal injury in BALB/c mice caused by ethanol. 0
- 675 Advances in micro and nanoengineered surfaces for enhancing boiling and condensation heat transfer: a review. 3
- 674 Artemisinin as a therapeutic vs. its more complex Artemisia source material. 0
- 673 Work-function-tunable metal-oxide mesh electrode and novel soluble bipolar host for high-performance solution-processed flexible TADF-OLED. **2023**, 105, 108028 0
- 672 Diagnosis of cancer using carbon nano-material based biosensors. 0
- 671 A Non-Heat-Source Process for Preparing Graphene Oxide with Low Energy Consumption. 0
- 670 Synthesis techniques and advances in sensing applications of reduced graphene oxide (rGO) Composites: A review. **2023**, 165, 107373 1
- 669 High pressure mediated physical properties of Hf₂AB (A = Pb, Bi) via DFT calculations. **2023**, 34, 105147 1
- 668 Enhancement of photocatalytic efficacy by exploiting copper doping in nano-hydroxyapatite for degradation of Congo red dye. **2022**, 12, 34080-34094 0
- 667 Pearl River Delta City Cluster: From Dual-Core Structure Economic Development Strategies to Regional Economic Plans. **2022**, 63-75 0
- 666 Thermal Characterizations Carbon Nanotube-Polymer Composites. **2022**, 1147-1185 0
- 665 The Need of Standardised Metadata to Encode Causal Relationships: Towards Safer Data-Driven Machine Learning Biological Solutions. **2022**, 200-216 0
- 664 Role of Oxytocin in Different Neuropsychiatric, Neurodegenerative, and Neurodevelopmental Disorders. **2022**, 1
- 663 Fundamentals of Navigation Surgery. **2022**, 1-50 0

- 662 Effective Mining of Contrast Hybrid Patterns from Nominal-numerical Mixed Data. **2022**, 352-367 o
- 661 Possible relationship between the somatic mutations and the formation of cancers. **2022**, 55, 01009 o
- 660 Rethinking Degradation: Radiograph Super-Resolution via AID-SRGAN. **2022**, 43-52 o
- 659 Enhancement of Voting Scores with Multiple Attributes Based on VoteRank++ to Identify Influential Nodes in Social Networks. **2022**, 242-257 o
- 658 Synthesis of Gold Nanoparticles and Their Reduced Graphene Oxide Nanocomposites Through a Simplified Approach and Assessment of Their Bactericidal Potential. **2022**, 14, 1361-1368 o
- 657 Biophysical Modeling of the Ionizing Radiation Influence on Cells Using the Stochastic (Monte Carlo) and Deterministic (Analytical) Approaches. **2022**, 20, 155932582211385 1
- 656 A SEIAR mathematical model to analyse the effect of COVID-19 pandemic over the crowded and dense populated regions. **2022**, 25, 2063-2071 o
- 655 The impact of slip mechanisms on the flow of hybrid nanofluid past a wedge subjected to thermal and solutal stratification. o
- 654 Recent biomedical advancements in graphene oxide- and reduced graphene oxide-based nanocomposite nanocarriers. **2022**, 26, o
- 653 Planar metasurface-based concentrators for solar energy harvest: from theory to engineering. **2022**, 3, 1
- 652 A population-based serological study of post-COVID syndrome prevalence and risk factors in children and adolescents. **2022**, 13, o
- 651 Efficiency boost of bifacial Cu(In,Ga)Se₂ thin-film solar cells for flexible and tandem applications with silver-assisted low-temperature process. o
- 650 Recent advancements in toxicology, modern technology for detection, and remedial measures for arsenic exposure: review. 1-43 o
- 649 Determinants of stillbirth among reviewed perinatal deaths in Ethiopia. 10, o
- 648 Significance of activation energy and entropy optimization in radiative stagnation point flow of nanofluid with cross-diffusion and viscous dissipation. 1-22 o
- 647 Fusarium chlamydosporum, causing wilt disease of chili (Capsicum annum L.) and brinjal (Solanum melongena L.) in Northern Himalayas: a first report. **2022**, 12, o
- 646 Magnetic structure and magnetocaloric properties of SrGd₂O₄ prepared by solid-state method. **2022**, 128, o
- 645 Flow field in micro-triangle of centrifugal composite spinning and the effect of slippage on PA composite nanofibers. 1-11 o

- 644 Simultaneous Removal of Cationic Crystal Violet and Anionic Reactive Yellow Dyes using eco-friendly Chitosan Functionalized by Talc and Cloisite 30B. ○
- 643 Identification of potentially functional modules and diagnostic genes related to amyotrophic lateral sclerosis based on the WGCNA and LASSO algorithms. **2022**, 12, ○
- 642 Pyrazole Derivative Containing Naphthalene Moiety: Cytotoxicity (Breast and Cervical Cancer), Antibacterial and Antifungal Studies Using Experimental and Theoretical Tools. 1-18 ○
- 641 Symplectic circuits, entanglement, and stimulated Hawking radiation in analogue gravity. **2022**, 106, ○
- 640 Active matter in space. **2022**, 8, 1
- 639 Optimization of complex engineering problems using modified sine cosine algorithm. **2022**, 12, ○
- 638 Contribution of suction phenomenon and thermal slip effects for radiated hybrid nanoparticles (Al₂O₃-Cu/H₂O) with stability framework. 1
- 637 Comparative transcriptome analysis of the effects of friction and exogenous gibberellin on germination in *Abrus cantoniensis*. **2022**, 17, ○
- 636 Under age five children survival times in Nigeria: a Bayesian spatial modeling approach. **2022**, 22, ○
- 635 "Evolving role of AI in radiation oncology" Special collection - introductory Editorial. ○
- 634 Preventive impacts of vitamin C on memory damage caused by unpredictable chronic mild stress in relation to biochemical parameters in the hippocampus of male rats. 1-10 ○
- 633 Experience Pandemic Fatigue? Social Media Use May Play a Role: Testing a Model of Pandemic Fatigue Development from a Social Media Perspective. 1-11 1
- 632 A systematic review: Chest radiography images (X-ray images) analysis and COVID-19 categorization diagnosis using artificial intelligence techniques. 1-39 ○
- 631 Undiagnosed Long COVID-19 in China Among Non-vaccinated Individuals: Identifying Persistent Symptoms and Impacts on Patients' Health-Related Quality of Life. **2022**, 12, 560-571 ○
- 630 Acute Alcohol-Associated Hepatitis in the COVID-19 Pandemic A Structured Review. **2022**, 9, 227-239 ○
- 629 Modification of Chitosan with Cellulose and Gelatin for the Removal of Cu²⁺, Fe²⁺ and Pb²⁺ from Oily Wastewater. ○
- 628 Stratified Bioconvective Jet Flow of Williamson Nanofluid in Porous Medium in the Presence of Arrhenius Activation Energy. 1-11 ○
- 627 Factor mobility, transportation network and green economic growth of the urban agglomeration. **2022**, 12, ○

626	Recent Progress in Applications of the Conditional Nonlinear Optimal Perturbation Approach to Atmosphere-Ocean Sciences. 2022 , 43, 1033-1048	0
625	Laser-cladding of high entropy alloy coatings: an overview. 1-14	1
624	Biosynthesis MgO and ZnO nanoparticles using chitosan extracted from <i>Pimelia Payraudi</i> Latreille for antibacterial applications. 2023 , 39,	0
623	Radiation effect on MHD three-dimensional stagnation-point flow comprising water-based graphene oxide nanofluid induced by a nonuniform heat source/sink over a horizontal plane surface.	1
622	Biosynthesis of core-shell $\text{Fe}_2\text{O}_3/\text{Au}$ nanotruffles and their biomedical applications.	1
621	Offshore wind farms are projected to impact primary production and bottom water deoxygenation in the North Sea. 2022 , 3,	0
620	Amorphous Carbon Films for Electronic Applications. 2204912	1
619	Dynamic behavior analysis of the winding system during filament reversing pushed by the traverse mechanism. 004051752211433	0
618	Supervision dropout: guidance learning in deep neural network.	0
617	Changing characteristics of meteorological drought and its impact on monsoon-rice production in sub-humid red and laterite zone of West Bengal, India.	0
616	Full-fatted <i>Hermetia illucens</i> larva as a protein alternative: effects on weaning pig growth performance, gut health, and antioxidant status under poor sanitary conditions. 2022 , 50, 732-739	0
615	Spatial energy density of large-scale electricity generation from power sources worldwide. 2022 , 12,	0
614	Notched-wideband Bandpass Filter Based on Spoof Surface Plasmon Polaritons Loaded with Resonator Structure.	0
613	Comparison of pregnancy outcomes between GnRH antagonist protocol with freeze-all strategy and long-acting GnRH agonist protocol in women with adenomyosis undergoing IVF/ICSI: a propensity-score matching analysis. 2022 , 22,	0
612	Acute effects of exercise engagement on neurocognitive function: a systematic review and meta-analysis on P3 amplitude and latency. 1-43	0
611	Psychedelic Science of Spirituality and Religion: An Attachment-Informed Agenda Proposal. 1-18	0
610	A Rate-of-Rise Facility for Measuring Properties of Wick Structures.	0
609	Corneal endothelial cell morphology and optical coherence tomography findings in children with type 1 diabetes mellitus. 112067212211459	0

- 608 Dissipation and dietary risk assessment of cyflumetofen, bifentazate and their metabolites in citrus in China. **2023**, 9, ○
- 607 Comparing Short-Term Univariate and Multivariate Time-Series Forecasting Models in Infectious Disease Outbreak. **2023**, 85, ○
- 606 Comparison of PM2.5 prediction performance of the three deep learning models: A case study of Seoul, Daejeon, and Busan. **2022**, ○
- 605 Coupling the Within-Host Process and Between-Host Transmission of COVID-19 Suggests Vaccination and School Closures are Critical. **2023**, 85, ○
- 604 The learning curve for single-port transaxillary robotic thyroidectomy (SP-TART): experience through initial 50 cases of lobectomy. ○
- 603 Rapid Conductometric Detection of SARS-CoV-2 Proteins and Its Variants Using Molecularly Imprinted Polymer Nanoparticles. 2200965 ○
- 602 A Systematic Review on Diabetic Retinopathy Detection Using Deep Learning Techniques. ○
- 601 Photons guided by axons may enable backpropagation-based learning in the brain. **2022**, 12, ○
- 600 Thermo-Responsive Nanocomposite Bioink with Growth-Factor Holding and its Application to Bone Regeneration. 2203464 ○
- 599 Synthesis and odor characteristics of N -substituted pyrrolyl ketones derived from N -substituted acetylpyrroles and alcohols. ○
- 598 Manifesting deep learning algorithms for developing drought vulnerability index in monsoon climate dominant region of West Bengal, India. ○
- 597 Synthesis of Inorganic Nanoparticles Using Traditionally Used Indian Medicinal Plants. ○
- 596 Evaluation of patient state index, bispectral index, and entropy during drug induced sleep endoscopy with dexmedetomidine. ○
- 595 An Amperometric Hydrogen Peroxide Sensor Based on Hollow Carbon Spheres/Pt NPs Modified Glassy Carbon Electrode. ArticleID:221294 ○
- 594 Promoting economic and environmental resilience in the post-COVID-19 era through the city and regional on-road fuel sustainability development. **2022**, 2, ○
- 593 Early and Middle Miocene Tragulidae of the Napak Region (Uganda) including the Oldest African tragulids: Taxonomic revision, stratigraphical background, and biochronological framework. 1-48 ○
- 592 Analysis of nanobiofilm flow of Carreau fluid with the effect of buoyancy forces and activation energy: A numerical approach. ○
- 591 Novel plasma protein biomarkers from critically ill sepsis patients. **2022**, 19, ○

590	Effective screening strategies for safe opening of universities under Omicron and Delta variants of COVID-19. 2022 , 12,	o
589	Flexible High-Performance Photovoltaic Devices based on 2D MoS ₂ Diodes with Geometrically Asymmetric Contact Areas. 2210619	o
588	Six Decades of Soybean Breeding in Ontario, Canada: A Tradition of Innovation.	o
587	Genome editing advancements in potato (<i>Solanum tuberosum</i> L.): operational challenges and solutions.	o
586	Design of double functionalized carbon nanotube for amphotericin B and genetic material delivery. 2022 , 12,	o
585	Growth, physiological, and temperature characteristics in chinese cabbage pakchoi as affected by Cd- stressed conditions and identifying its main controlling factors using PLS model. 2022 , 22,	1
584	Artificial intelligence for template-free protein structure prediction: a comprehensive review.	o
583	Multi-functional sensor based on photonic crystal fiber using plasmonic material and magnetic fluid. 2022 , 61, 10400	o
582	LWSNet - a novel deep-learning architecture to segregate Covid-19 and pneumonia from x-ray imagery.	1
581	lncRNA-disease association prediction method based on the nearest neighbor matrix completion model. 2022 , 12,	1
580	Over-expression of miR-183-5p or miR-492 triggers invasion and proliferation and loss of polarity in non-neoplastic breast epithelium. 2022 , 12,	o
579	Measurement-device-independent quantum key distribution with passive time-dependent source side channels. 2022 , 106,	o
578	Hall current and Joule heating effects on peristalsis of TiO ₂ /Ag/EG hybrid nanofluids via a curved channel with heat transfer. 1-24	o
577	Free convective trickling over a porous medium of fractional nanofluid with MHD and heat source/sink. 2022 , 12,	1
576	Comparative Study of Degradation Mechanisms of Commercial Supercapacitors at High Temperatures Depending on Storage Conditions.	o
575	Robust and accurate prediction of self-interacting proteins from protein sequence information by exploiting weighted sparse representation based classifier. 2022 , 23,	o
574	The dynamic interplay of dietary acid pH and concentration during early-stage human enamel and dentine erosion. 3,	o
573	Potential Role of Silicon in Plants Against Biotic and Abiotic Stresses.	o

- 572 Recent progress of two-dimensional heterostructures for thermoelectric applications. **2023**, 35, 073001 1
- 571 Influence of Perioperative Anesthesia on Cancer Recurrence: from Basic Science to Clinical Practice. 0
- 570 On usage of artificial intelligence for predicting mortality during and post-pregnancy: a systematic review of literature. **2022**, 22, 0
- 569 Innovative biosynthesis, artificial intelligence-based optimization, and characterization of chitosan nanoparticles by *Streptomyces microflavus* and their inhibitory potential against *Pectobacterium carotovorum*. **2022**, 12, 1
- 568 Recent Trends in Diagnostic Biomarkers of Tumor Microenvironment. 1
- 567 A review of agricultural drought assessment with remote sensing data: methods, issues, challenges and opportunities. 0
- 566 Inclusive Education and Health Performance in Sub Saharan Africa. 0
- 565 The impact of breast cancer on social cognition in female Colombian patients. **2022**, 10, 0
- 564 Enhanced rotary photon drag via phase and angular momentum dependent Raman gain in a Mach-Zehnder type Sagnac interferometer. **2022**, 137, 0
- 563 Predicting Atomic Force Microscopy Topography from Optical Microscopes Using Deep Learning. 2200317 0
- 562 Time-dependent material properties of ageing biomolecular condensates from different viscoelasticity measurements in molecular dynamics simulations. 0
- 561 Triage of in vivo burn injuries and prediction of wound healing outcome using neural networks and modeling of the terahertz permittivity based on the double Debye dielectric parameters. 0
- 560 A new method for Raman spectral analysis: Decision fusion-based transfer learning model. 0
- 559 Deep learning approaches to predict 10-2 visual field from wide-field swept-source optical coherence tomography en face images in glaucoma. **2022**, 12, 0
- 558 On the switching dynamics of epitaxial ferroelectric CeO₂BiFO₃ thin film capacitors. **2022**, 9, 0
- 557 Fracture-Induced Acoustic Emissions in Gelatin. 0
- 556 All-optical AZO-based modulator topped with Si metasurfaces. **2022**, 12, 0
- 555 Effect of Arsenic on Health: Evidence from Indian Districts. 001946622211360 0

554	Strain Relaxation of Si/SiGe Heterostructures by a Geometric Monte Carlo Approach. 2200398	o
553	ApInAPDB: a database of apoptosis-inducing anticancer peptides. 2022 , 12,	o
552	A new copper-supported zinc ferrite as a heterogeneous magnetic nanocatalyst for the synthesis of bis(pirazolyl)methanes and oxidation of sulfides. 2022 , 12,	o
551	Strain tunable quantum emission from atomic defects in hexagonal boron nitride for telecom-bands. 2022 , 12,	o
550	Projective diffeomorphic mapping of molecular digital pathology with tissue MRI. 2022 , 1,	o
549	Determination of Metandienone using molecularly Imprinted based Electrochemical Sensor in human urine. ArticleID:22129	o
548	Skyrmion-Skyrmion interaction induced by itinerant electrons in a ferromagnetic strip. 2023 , 35, 045601	o
547	Influence of Steric and Electronic Effects in Structure-Activity Relationships of Schiff Base Ligands: Green Synthesis, Characterization, DFT/TD-DFT Calculations, Molecular Docking and Biological Studies. 2022 , 7,	1
546	Symmetry Breaking in Sticky Collisions between Ultracold Molecules. 2022 , 129,	2
545	Driving forces and prediction of urban land use change based on the geodetector and CA-Markov model: a case study of Zhengzhou, China. 2022 , 15, 2246-2267	2
544	Magnetic hydroxyapatite bisphosphonate-based composites: a bone-targeting nanosystem.	o
543	Machine learning and deep learning approach for medical image analysis: diagnosis to detection.	o
542	Detection of pulpal calcifications on bite-wing radiographs using deep learning.	o
541	Comparing artificial neural network training algorithms to predict length of stay in hospitalized patients with COVID-19. 2022 , 22,	o
540	Precise measurements of the low optical absorption coefficients of massive lithium triborate crystal boules with untreated facets formed during the growth process. 2022 , 61, 10802	o
539	Solvent-free synthesis and antibacterial evaluation of novel mercaptobenzenesulfonamides.	o
538	Study on hydraulic spray atomizing system as a new resource-efficient dyeing-finishing method for wool fabric. 2022 , 12,	o
537	Comparison between heat treatment and SPS treatment on CoCrFeMnNi/WC coatings. 1-10	o

- 536 Reconfigurable Metasurface of Magnetoplasmonic Microbundle Array for Chiral Signal Enhancing. 2202104 ○
- 535 Virtual Reality for Spatial Navigation. **2023**, ○
- 534 eDNA envisaged conservation of IUCN threatened taxa of the tropical mangrove ecosystems. **2022**, 1115, 012032 ○
- 533 Improving ammonia sensing performance of quartz crystal microbalance (QCM) coated with nanofibers and polyaniline (PANI) overlay. **2022**, 100300 ○
- 532 Electrocatalytic Determination of the antibiotic Levofloxacin using modified carbon paste electrode with a poly-murexide thin film voltammetrically. ○
- 531 Placebo and nocebo effects: from observation to harnessing and clinical application. **2022**, 12, ○
- 530 Phytoaccumulation of cadmium by *Pelargonium hortorum* tolerance and metal recovery. ○
- 529 Effectual and Rapid Synthesis of Hantzsch Derivatives in Solvent-Free Conditions Catalyzed by a Mesoporous Basic Silica-Based Nanomaterial. ○
- 528 Investigating the relationships between concentrated disadvantage, place connectivity, and COVID-19 fatality in the United States over time. **2022**, 22, ○
- 527 Digital Impressions. **2023**, 28-45 ○
- 526 Modified polymer nanopillars array for enhanced light trapping on large area. 1-9 ○
- 525 Molecular modeling strategy to design novel anticancer agents against UACC-62 and UACC-257 melanoma cell lines. **2023**, 10, 157-173 ○
- 524 *Bacillus* and *Streptomyces* for Management of Biotic Stresses in Plants for Sustainable Agriculture. **2023**, 263-288 ○
- 523 Investigating the role of silicon in reducing the risk of arsenic, cadmium, drought and salinity stresses in wheat (*Triticum aestivum* L.). ○
- 522 Aquaculture Exacerbates the Accumulation and Ecological Risk of Heavy Metal from Anthropogenic and Natural Sources, a Case Study in Hung-tse Lake, China. **2023**, 234, ○
- 521 Integrated Use of Molecular and Omics Approaches for Breeding High Yield and Stress Resistance Chili Peppers. **2023**, 279-335 ○
- 520 Congo red protects bacteriophages against UV irradiation and allows for the simultaneous use of phages and UV for membrane sterilization. ○
- 519 Modelling the impact of non-pharmaceutical interventions on the spread of COVID-19 in Saudi Arabia. **2023**, 13, 1

- 518 Placeboeffekte in der Schmerztherapie. o
- 517 DM-MOGA: a multi-objective optimization genetic algorithm for identifying disease modules of non-small cell lung cancer. **2023**, 24, o
- 516 Relative importance of climatic and anthropogenic factors on runoff change at watershed scale. o
- 515 Simulation of electrical conductivity for polymer silver nanowires systems. **2023**, 13, o
- 514 Engineering the far infrared polarization state of light via natural hyperbolic crystals. **2022**, o
- 513 Application of Transcriptomics in Exploring Important Genes in Medicinal Plants. **2022**, 263-284 o
- 512 Theoretical evaluation of physicochemical parameters of $(\text{Ge}_{20}\text{Te}_{80})_x(\text{Se}_{80}\text{Te}_{20})_{100-x}$ pseudobinary chalcogenide glassy alloy. **2022**, o
- 511 Transgenic Medicinal Plants for Improved Plant Metabolites Production. **2022**, 403-415 o
- 510 A Review on Smart Patient Monitoring and Management in Orthopaedics Using Machine Learning. **2022**, 53-63 o
- 509 Overgenerality from Inference in Perspective-Taking. **2022**, 194-201 o
- 508 An Optical Satellite Controller Based on Diffractive Deep Neural Network. **2022**, 46-58 o
- 507 Dunes. **2022**, 13-55 o
- 506 Spatio-temporal variability of glacier surface area, ELA, and AAR in the Mago river basin of Arunachal Pradesh. o
- 505 Epidemiology of patients who died in the emergency departments and need of end-of-life care in Korea from 2016 to 2019. **2023**, 13, o
- 504 L-Methionine-Zr complex supported on magnetic ZnFe_2O_4 as a novel, green, and efficient heterogeneous magnetic nanocatalyst for the synthesis of 1H-tetrazole and polyhydroquinoline derivatives. o
- 503 Localized absorption of laser energy in X-mode configuration of magnetized plasma. o
- 502 SARS-CoV-2 infections in certain groups: A review from COVID-19 study cases. **2023**, o
- 501 Photon pairs bi-directionally emitted from a resonant metasurface. o

500	Overall Aspects of Glasses for Photonic Devices. 2023 , 1-52	0
499	The Distinct Assignments for Hsp90 α and Hsp90 β More Than Skin Deep. 2023 , 12, 277	0
498	An Explorative Review on Advanced Approaches to Overcome Bacterial Resistance by Curbing Bacterial Biofilm Formation. Volume 16, 19-49	1
497	Synthesis of Graphene oxide/Porphyrin Nanocomposite for Photocatalytic Degradation of Crystal Violet Dye. 2023 , 8,	0
496	Using geospatial social media data for infectious disease studies: a systematic review. 2023 , 16, 130-157	0
495	Structural systems biology approach delineate the functional implications of SNPs in exon junction complex interaction network. 1-18	0
494	Chemical deposition of Ag and Ag ₂ O on grafting film of PET-COOH by photografting polymerization for optoelectronic application. 2023 , 34,	2
493	Effects of Shot penning on Mechanical properties, Microstructural Evolution and Residual Stress of Submerged Friction Stir Welded AA6061-T6 Alloy.	0
492	Genomic diversity, pathogenicity and antimicrobial resistance of Escherichia coli isolated from poultry in the southern United States. 2023 , 23,	0
491	Plant growth promoting microorganisms mediated abiotic stress tolerance in crop plants: a critical appraisal.	1
490	Dodecagonal Zinc Oxide (d - ZnO) Monolayer for Water Desalination and Detection of Toxic Gases. 2023 , 19,	1
489	A theoretical approach towards designing of banana shaped non-fullerene chromophores using efficient acceptors moieties: exploration of their NLO response properties. 2023 , 55,	1
488	Computer-aided COVID-19 diagnosis: a possibility?. 1-19	0
487	Validation of low-density lipoprotein cholesterol equations in pediatric population. 11, e14544	1
486	Establishing machine learning models to predict the early risk of gastric cancer based on lifestyle factors. 2023 , 23,	1
485	Medical Imaging and Schizophrenia: A Study on State-of-Art Applications. 2023 , 271-281	0
484	Viable production of hydrogen and methane from polluted water using eco-friendly plasmonic PdTiO ₂ nanocomposites. 2023 , 13, 770-780	0
483	Effect of Acridine Orange on Improving the Electrochemical Performance of Tyrosinase Adsorbed Sulfide Minerals Based Catechol Biosensor. 2023 , 8,	0

482	Characteristics of immune clusters and cell abundance in patients with different subtypes of nonparoxysmal atrial fibrillation. 2023 , 13,	0
481	Alkaline Transition Metal-Free Oxidative Coupling of Benzylic and Quasi Benzylic sp ³ Bonds with O ₂ . 2023 , 8,	0
480	Deterministic domain wall rotation in a strain mediated FeGaB/PMN-PT asymmetrical ring structure for manipulating trapped magnetic nanoparticles in a fluidic environment. 2023 , 13, 2820-2832	1
479	Performance comparison of deep learning architectures for surgical instrument image removal in gastrointestinal endoscopic imaging.	0
478	Bacterial nanocellulose production using Cantaloupe juice, statistical optimization and characterization. 2023 , 13,	0
477	Aberrant promoter hypermethylation of miR-335 and miR-145 is involved in breast cancer PD-L1 overexpression. 2023 , 13,	1
476	Entropy generation and thermal performance of Williamson hybrid nanofluid flow used in solar aircraft application as the main coolant in parabolic trough solar collector. 1-34	0
475	Catalysts Informatics: Paradigm Shift towards Data-Driven Catalyst Design.	0
474	Preparation and Characterization of h-BN/Fe ₃ O ₄ /APTES-AMF/CuI Nanocomposite as a New and Efficient Catalyst for the One-Pot Three-Component Synthesis of 2-Amino-4-aryl(or heteroaryl)-7,7-dimethyl-5-oxo-5,6,7,8-tetrahydro-4H-chromene-3-carbonitriles.	1
473	Green synthesis and characterisation of silver nanoparticles from leaf and bark extract of Croton macrostachyus for antibacterial activity. 1-10	0
472	Integration of meta-analysis, machine learning and systems biology approach for investigating the transcriptomic response to drought stress in Populus species. 2023 , 13,	0
471	Drift Correction in Laboratory Nanocomputed Tomography using Joint Feature Correlation.	0
470	Starch-Assisted Stable Synthesis of CdS Nanoparticles for Enhanced Electrical and Optical Properties.	0
469	Synthesis, biomedical applications, and toxicity of CuO nanoparticles.	1
468	Maximum spreading behavior of a water droplet on the aluminium surfaces with different wettabilities. 251659842211438	0
467	Investigation of the generalized Euler characteristic of graphs and microwave networks split at edges and vertices.	0
466	Synthesis of Ag nanoparticles dispersed on Co ₃ O ₄ @D porous reduced graphene oxide and their application for electrochemical sensing of hydrogen peroxide.	0
465	Features from the photoplethysmogram and the electrocardiogram for estimating changes in blood pressure. 2023 , 13,	0

- 464 Analytical solution of overlying pipe deformation caused by tunnel excavation based on Pasternak foundation model. **2023**, 13, ○
- 463 Damage Evolution and Failure Mechanism of Coal Sample Induced by Impact Loading under Different Constraints. ○
- 462 Effects of Concentration of Adipic Acid on the Electrochemical Migration of Tin for Printed Circuit Board Assembly. ○
- 461 Fairness of Ratemaking for Catastrophe Insurance: Lessons from Machine Learning. ○
- 460 Alleviation of soil acidification and modification of soil bacterial community by biochar derived from water hyacinth *Eichhornia crassipes*. **2023**, 13, ○
- 459 Weather drives variation in COVID-19 transmission and detection. ○
- 458 Dental caries detection using a semi-supervised learning approach. **2023**, 13, ○
- 457 Synthesis and characterization of Se doped Fe₃O₄ nanoparticles for catalytic and biological properties. **2023**, 13, ○
- 456 Investigation of key physical properties of new La@PbS filled Poly (vinyl and pyrrolidone) nanocomposite films for opto-electronics. ○
- 455 Impact of Facemasks Use on Interpersonal Communication in a Clinical Setup: A Questionnaire Based Study. ○
- 454 Simulating Electrical Conductivity of Graphene-Filled System by Developing McLachlan Model Applicable to Breast Cancer Biosensors. ○
- 453 Two-dimensional AlN/g-CNs van der Waals type-II heterojunction for water splitting. ○
- 452 Evaluation of the role of kefir in management of non-alcoholic steatohepatitis rat model via modulation of NASH linked mRNA-miRNA panel. **2023**, 13, ○
- 451 Effect of metabolic health and obesity on all-cause death and CVD incidence in Korean adults: a retrospective cohort study. **2023**, 13, ○
- 450 A robust, resilience multi-criteria decision-making with risk approach: a case study for renewable energy location. ○
- 449 Terminalia catappa attenuates phenylhydrazine-induced anaemia and hepato-renal toxicity in male Wistar rat by boosting blood cells, modulation of lipoproteins and up-regulation of in vivo antioxidant armouries. 1-11 ○
- 448 Understanding the interaction of nucleotides with UVC light: an insight from quantum chemical calculation-based findings. ○
- 447 Reaction of Chickpea Genotypes to Salinity-Inhibiting Applications at Different Salt Stress Levels. ○

- 446 Fraction Frequency and Random Scanning Mode for Electron Beam Thermal Assessment. 1-11 o
- 445 Moving average control chart under neutrosophic statistics. **2023**, 8, 7083-7096 o
- 444 Nonanimal *Euglena gracilis* -Derived Extracellular Vesicles Enhance Skin-Regenerative Wound Healing. 2202255 o
- 443 How Advanced are Cancer Immuno-Nanotherapeutics? A Comprehensive Review of the Literature. Volume 18, 35-48 o
- 442 Highly sensitive pork meat detection using copper(ii) tetraaza complex by electrochemical biosensor. **2023**, 13, 2104-2114 o
- 441 A review on the status and modeling of suitable habitats of the southern white-cheeked gibbon. o
- 440 Entropy Analysis on Magneto-Convective and Chemically Reactive Nanofluids Flow Over a Stretching Cylinder in the Presence of Variable Thermal Conductivity and Variable Diffusivity. **2023**, 12, 819-831 o
- 439 Numerical Investigation on Nonlinear Radiative Magneto Hydrodynamics Hybrid Nanofluid Flow Past a Stretching Cylinder Embedded in Porous Medium. **2023**, 12, 809-818 o
- 438 Omicron. **2023**, 367-413 o
- 437 Scales, Pseudoscales, the Human Factor, and a Way Forward. **2023**, 177-224 o
- 436 Calorimetric Studies of Phase Transformations in FeNi Alloys. **2022**, 123, 971-978 o
- 435 A protocol for a randomized clinical trial assessing the efficacy of hypertonic dextrose injection (prolotherapy) in chronic ankle instability. **2022**, 23, o
- 434 Water-Energy-Food Nexus Components: Assessment of Water Footprint in Rice Production in Malaysia Using the LCA Approach. o
- 433 Chloroplast genome skimming of a potential agroforestry species *Melia dubia*. Cav and its comparative phylogenetic analysis with major Meliaceae members. **2023**, 13, o
- 432 Lightweight 3D Convolutional Neural Network for Schizophrenia Diagnosis Using MRI Images and Ensemble Bagging Classifier. 1
- 431 From technology to community: the role of artefacts in teaching and learning during and beyond pandemic times. 1-18 o
- 430 Bottom-up effects of fertilization and jasmonate-induced resistance independently affect the interactions between tomato plants and an insect herbivore. **2023**, 18, o
- 429 Potential biomechanical risk factors on developing lead knee osteoarthritis in the golf swing. **2022**, 12, o

- 428 An accurate deep learning model for wheezing in children using real world data. **2022**, 12, ○
- 427 Explainable Deep Learning Classification of Respiratory Sound for Telemedicine Applications. **2022**, 391-403 ○
- 426 Performance and emissions of a diesel engine fueled by coal-based diesel fuels and their blends with polyoxymethylene dimethyl ethers. **2023**, 13, ○
- 425 Research on epidemic spread model based on cold chain input. ○
- 424 Synthesis and characterization of linear/nonlinear optical properties of graphene oxide and reduced graphene oxide-based zinc oxide nanocomposite. **2023**, 13, 2
- 423 Synthesis and characterisation of Ga- and In-doped CdS by solventless thermolysis of single source precursors. ○
- 422 Review Electrochemical Migration in Electronic Materials: Factors Affecting the Mechanism and Recent Strategies for Inhibition. ○
- 421 Advances in RT-LAMP for COVID-19 testing and diagnosis. ○
- 420 Standardized Extract of *Centella asiatica* Prevents Fear Memory Deficit in 3xTg-AD Mice. 1-25 ○
- 419 Correlations between COVID-19 and dengue obtained via the study of South America, Africa and Southeast Asia during the 2020s. **2023**, 13, ○
- 418 Computational fluid dynamics comparison of prevalent liquid absorbents for the separation of SO₂ acidic pollutant inside a membrane contactor. **2023**, 13, ○
- 417 Impact of Climate and Land Use Land Cover Changes on Soil Erosion. **2023**, 415-441 ○
- 416 Prediction of Mortality Among Patients with Isolated Traumatic Brain Injury Using Machine Learning Models in Asian Countries: An International Multicenter Cohort Study. ○
- 415 Energy level matched by an external electric field in nontoxic halide perovskite CH₃NH₃SnI₃. ○
- 414 Toward Single-Cell Multiple-Strategy Processing Shift Register Powered by Phase-Change Memory Materials. 2200353 ○
- 413 COMA: efficient structure-constrained molecular generation using contractive and margin losses. **2023**, 15, ○
- 412 Green preparation and characterization of AGC-ZM-2022 as a novel mesoporous silica material using palmitic acid as a natural template. **2023**, 13, 2265-2268 ○
- 411 Determination of heavy metals and their associated health risk assessment in the commonly available sunblocks. 1-18 ○

- 410 Holding time has limited impact on constitutive innate immune function in a long-lived Antarctic seabird, the Adelie penguin: implications for field studies. o
- 409 Clinically relevant mesenchymal stem/stromal cell sheet transplantation method for kidney disease. o
- 408 Nickel Catalyzed Alkylation of Oxindoles with Alkyl Alcohols. o
- 407 Impact of Prenatal Care on Newborn Complications for Infants with Cleft Lip with or Without Cleft Palate. 105566562311534 o
- 406 Increased national mortality in acute myocardial infarction hospitalization during the COVID-19 pandemic. 1-6 o
- 405 Design, synthesis, and evaluation of benzofuran-based chromenochalcones for antihyperglycemic and antidiyslipidemic activities. o
- 404 Cooperative Role of Nitrogen Defects and Cyano-group Functionalization in Carbon Nitride Towards Enhancing its CO2 Photoreduction Activity. o
- 403 Artificial Neural Network to Predict Structure-based Protein-protein Free Energy of Binding from Rosetta calculated Properties. o
- 402 Environmental pollution in North-Eastern Italy and its influence on chronic obstructive pulmonary disease: time series modelling and analysis using visibility graphs. o
- 401 Advanced User Interfaces for Teleoperated Surgical Robotic Systems. 2200036 o
- 400 Veno-venous ECLS rescue for a heart transplant recipient with COVID-19, a case report. 026765912311541 o
- 399 Reshuffling city life: spatial and functional dynamics of urban activity in Tokyo during COVID-19. 1-27 o
- 398 Using click chemistry to study microbial ecology and evolution. **2023**, 3, o
- 397 Wnt3a is a promising target in colorectal cancer. **2023**, 40, o
- 396 Design of highly nonlinear confusion component based on entangled points of quantum spin states. **2023**, 13, o
- 395 Dynamics of Electrical Resistance of Kombucha Zoogoleal Mats. 1-10 o
- 394 Multimodal Neural Network for Recurrence Prediction of Papillary Thyroid Carcinoma. 2200365 o
- 393 A Rapid Discriminative Hydrogen-Deuterium Exchange and LC-HRMS/MS Strategy for Primary and Higher Order Structural Mapping of Therapeutic Proteins: Filgrastim A Case Study. o

- 392 Impacts of climate change on water footprint components of rainfed and irrigated wheat in a semi-arid environment. **2023**, 195, ○
- 391 Deciphering key genomic regions controlling flag leaf size in wheat via integration of meta-QTL and in silico transcriptome assessment. **2023**, 24, ○
- 390 Experience, Trust, eWOM Engagement and Usage Intention of AI Enabled Services in Hospitality and Tourism Industry: Moderating Mediating Analysis. 1-29 ○
- 389 Multibody dynamics modeling of human mandibular musculoskeletal system and its applications in surgical planning. ○
- 388 Improved performance of lead-free Perovskite solar cell incorporated with TiO_2 ETL and CuI HTL using SCAPs. **2023**, 129, ○
- 387 Knowledge and data-driven prediction of organ failure in critical care patients. **2023**, 11, ○
- 386 Application of pre-adaptation strategies to improve the growth of probiotic lactobacilli under food-relevant stressful conditions. ○
- 385 Recent advances on false information governance. ○
- 384 Highly efficient mRNA delivery with nonlinear microfluidic cell stretching for cellular engineering. ○
- 383 Laser-Driven Neutron Generation Realizing Single-Shot Resonance Spectroscopy. **2023**, 13, ○
- 382 The Mystery of Cancer Resistance: A Revelation Within Nature. ○
- 381 Forecasting Based on Fuzzy Logic of the Level of Epidemiological Risk for the Mexican State of Tamaulipas. **2023**, 141-153 ○
- 380 Rational Design of Non-Fullerene Acceptors via Side-Chain and Terminal Group Engineering: A Computational Study. ○
- 379 Materials synthesizability and stability prediction using a semi-supervised teacher-student dual neural network. ○
- 378 Cooperative Situation Awareness of Multi-UAVs Based on Multi-sensor Information Fusion. **2023**, 628-638 ○
- 377 A low-cost carbon-based electrochemical platform for determining 2,3-dihydroxyphenol: applications in natural water and biodiesel samples. **2023**, 15, 807-817 ○
- 376 Active Control of Equilibrium, Near-Equilibrium, and Far-from-Equilibrium Colloidal Systems. ○
- 375 Regulation binary electromagnetic filler networks in segregated poly(vinylidene fluoride) composite for absorption-dominated electromagnetic interference shielding. ○

- 374 Using geographical random forest models to explore spatial patterns in the neighborhood determinants of hypertension prevalence across chicago, illinois, USA. 239980832311534 o
- 373 Autonomous vehicles decision-making enhancement using self-determination theory and mixed-precision neural networks. o
- 372 Plant extracts and *Trichoderma* spp: possibilities for implementation in agriculture as biopesticides. **2023**, 37, 159-166 1
- 371 Roadmap for Optical Tweezers 2023. o
- 370 Modeling the Spread and Control of Viral Infection in Damaged Aquatic System: Emergence of Patterns. o
- 369 Limb loading enhances skill transfer between augmented and physical reality tasks during limb loss rehabilitation. **2023**, 20, o
- 368 The use of machine learning and deep learning techniques to assess proprioceptive impairments of the upper limb after stroke. **2023**, 20, o
- 367 Comparative study between blind and ultrasound-guided steroid injection for carpal tunnel syndrome. **2023**, 54, o
- 366 Recent advances in the molecular targeted drugs for prostate cancer. o
- 365 The influence of energy consumption and research and development on carbon emission in China: a modified spatial Durbin model approach. o
- 364 3D-printed capillaric ELISA-on-a-chip with aliquoting. o
- 363 Analytics Saves Lives During the COVID-19 Crisis in Chile. **2023**, 53, 9-31 o
- 362 Controlled-release fertilizers with an ultralow coating content. 1
- 361 A Numerical Analysis on MHD Mixed Convective Hybrid Nanofluid Flow Inside Enclosure with Heat Sources. **2023**, 12, 942-954 o
- 360 Status of coffee leaf rust (*Hemileia vastatrix*) and its management in Ethiopia: a review. **2022**, 55, 2283-2300 o
- 359 Spatiotemporal trends and characteristics of microplastic contamination in a large river-dominated estuary. o
- 358 Extraction of interaction parameters from specular neutron reflectivity in thin films of diblock copolymers: an inverse problem o
- 357 Agronomical Approaches for Biofortification of Cereal Crops. **2023**, 1-19 o

- 356 Microfluidic-based colorimetric nucleic acid detection of pathogens. ○
- 355 Zirconium ferrite incorporated zeolitic imidazolate framework-8: a suitable photocatalyst for degradation of dopamine and sulfamethoxazole in aqueous solution. **2023**, 13, 9563-9575 ○
- 354 Transcriptomics integrated with metabolomics reveals the ameliorating effect of mussel-derived plasmalogens on high-fat diet-induced hyperlipidemia in zebrafish. ○
- 353 Monitoring liver tissue photocoagulation using spatially-resolved diffuse reflectance and laser-induced fluorescence spectroscopy. **2023**, ○
- 352 Design, synthesis, and application of covalent organic frameworks as catalysts. **2023**, 47, 6765-6788 ○
- 351 Closed-loop recycling of microparticle-based polymers. ○
- 350 S-Adenosyl-L-Homocysteine Exhibits Potential Antiviral Activity Against Dengue Virus Serotype-3 (DENV-3) in Bangladesh: A Viroinformatics-Based Approach. **2023**, 17, 117793222311582 ○
- 349 Recent advances in modified commercial separators for lithium-sulfur batteries. **2023**, 11, 7833-7866 ○
- 348 Stability analysis of radiative-magnetic hybrid nanofluid slip flow due to an exponentially stretching/shrinking permeable sheet with heat generation. 1-12 ○
- 347 Investigation of V/III ratio dependencies for optimizing AlN growth during reduced parasitic reaction in metalorganic vapor phase epitaxy. **2023**, 13, ○
- 346 Establishment of a reproducible and minimally invasive ischemic stroke model in swine. ○
- 345 Significance of MiRNA-34a and MiRNA-192 as a risk factor for nonalcoholic fatty liver disease. **2023**, 21, ○
- 344 Systematic analysis of the pp collisions at LHC energies with Tsallis function. **2023**, 141, 64002 ○
- 343 Daily streamflow prediction based on the long short-term memory algorithm: a case study in the Vietnamese Mekong Delta. ○
- 342 A comprehensive review on traditional uses, phytochemistry and pharmacological properties of *Paeonia emodi* Wall. ex Royle: current landscape and future perspectives. **2023**, 18, ○
- 341 Evaluating the genetic diversity of *Erythrolipum scandens* based on using inter-simple sequence repeat markers. ○
- 340 Determinants of Recreational Screen Time Behavior following the COVID-19 Pandemic among Canadian Adults. ○
- 339 Potential of resveratrol in the treatment of interstitial lung disease. 14, ○

- 338 Photocatalytic Degradation of Tetracycline Hydrochloride by Zinc oxide/Polypyrrole/Carbon nanotubes. **2023**, 8, o
- 337 Tissue engineering modalities in skeletal muscles: focus on angiogenesis and immunomodulation properties. **2023**, 14, o
- 336 Clinical and demographical characteristics in a cohort of MND patients treated with riluzole. Differences between tablets and oral suspension. 1-14 o
- 335 A survey on deep learning tools dealing with data scarcity: definitions, challenges, solutions, tips, and applications. **2023**, 10, o
- 334 Remineralization of teeth with casein phosphopeptide-amorphous calcium phosphate: analysis of salivary pH and the rate of salivary flow. **2023**, 9, o
- 333 Fiber-Coupled Diamond Magnetometry with an Unshielded Sensitivity of 30pT/Hz. **2023**, 19, o
- 332 Effect of yeast species and processing on intestinal microbiota of Atlantic salmon (*Salmo salar*) fed soybean meal-based diets in seawater. **2023**, 5, o
- 331 Dynamic coupled thermo-hydro-mechanical problem for heterogeneous deep-sea sediments under vibration of mining vehicle. **2023**, 44, 603-622 o
- 330 Impact of chemical short-range order on radiation damage in Fe-Ni-Cr alloys. **2023**, 229, 115373 o
- 329 Metal derivative (MD)/g-C₃N₄ association in hydrogen production: A study on the fascinating chemistry behind, current trend & future direction. **2023**, 80, 562-583 o
- 328 Green decorated gold nanoparticles on magnetic nanoparticles mediated by Calendula extract for the study of preventive effects in streptozotocin-induced gestational diabetes mellitus rats. **2023**, 151, 110633 o
- 327 A microfluidic method to systematically study droplet stability in highly concentrated emulsions. **2023**, 352, 111535 o
- 326 Controllable Doping of Mn into Ni_{0.075-x}Mn_xAl_{0.025}(OH)₂(CO₃)_{0.0125}·yH₂O for Efficient Adsorption of Fluoride Ions. o
- 325 Electrospun biodegradable scaffolds based on poly (̢-caprolactone)/gelatin containing titanium dioxide for bone tissue engineering application; in vitro study. 1-12 o
- 324 Optimization of co-culture condition with respect to aeration and glucose to xylose ratio for bioethanol production. 1-16 o
- 323 Soil Microbes and Climate-Smart Agriculture. **2022**, 107-147 o
- 322 Optical Coherence Tomography Biomarkers in Diabetic Macular Edema. **2022**, 27-35 o
- 321 Gate-Controlled Graphene-based Guided Mode Resonance Methane Sensor for Implementation in Optical ICs. **2022**, o

- 320 Rational combination of SHP2 and mTOR inhibition for the treatment of hepatocellular carcinoma. 0
- 319 Geometrically-controlled evaporation-driven deposition of conductive carbon nanotube patterns on inclined surfaces. **2023**, 19, 1393-1406 0
- 318 Deep learning to assess the effects of land use/land cover and climate change on landslide susceptibility in the Tra Khuc river basin of Vietnam. 0
- 317 Identification and detection of plasma extracellular vesicles-derived biomarkers for esophageal squamous cell carcinoma diagnosis. **2023**, 225, 115088 0
- 316 Integrative System of Deep Classifiers Certification: Case of Convolutional Attacks. **2022**, 99-121 0
- 315 Exogenous Application of Thiourea Improves the Growth, Seed Yield, and Seed Fatty Acid Profile in Late Sown Camelina. **2023**, 23, 1306-1325 0
- 314 DDCAL: Evenly Distributing Data into Low Variance Clusters Based on Iterative Feature Scaling. 0
- 313 Numerical simulation and regression analysis of MHD dissipative and radiative flow of a Casson nanofluid with Hall effects. 1-25 0
- 312 How cells wrap around virus-like particles using extracellular filamentous protein structures. 0
- 311 Mixing particle softness in a two-dimensional hopper: Particle rigidity and friction enable variable arch geometry to cause clogging. **2023**, 107, 0
- 310 Structural, mechanical and dynamical stabilities of K₂NaMCl₆ (M: Cr, Fe) halide perovskites along with electronic and thermal properties. **2023**, 569, 170474 0
- 309 Comprehensive Overview: The Effect of Using Different Solvents for Barley Extraction with Its Anti-Inflammatory and Antioxidant Activity. **2023**, 20, 1
- 308 Dynamical behaviors, circuit design, and synchronization of a novel symmetric chaotic system with coexisting attractors. **2023**, 13, 2
- 307 Hemato-biochemical alteration in the bronze featherback *Notopterus notopterus* (Pallas, 1769) as a biomonitoring tool to assess riverine pollution and ecology: a case study from the middle and lower stretch of river Ganga. **2023**, 30, 46826-46846 0
- 306 Electrical Stimulation Induced Current Distribution in Peripheral Nerves Varies Significantly with the Extent of Nerve Damage: A Computational Study Utilizing Convolutional Neural Network and Realistic Nerve Models. **2023**, 33, 0
- 305 Tannic acid-poly ethyleneimine magnetic nanoparticles: an efficient and recyclable catalyst for green synthesis of 2,3-dihydroquinazole derivatives. 1
- 304 Deep eutectic co-solvent mediated surface-enhanced photochromic property of tungsten oxide doped titanium oxide (WO₃-TiO₂) heterostructures. **2023**, 5, 100149 0
- 303 Therapeutic potential and nutritional significance of *Ganoderma lucidum* [a comprehensive review from 2010 to 2022. **2023**, 14, 1812-1838 1

- 302 The effect of cognitiveBehavioral counseling with or without Citrus aurantium essential oil on sleep quality in pregnant women: a randomized controlled trial. o
- 301 Malachite Green-Based Detection of SARS-CoV-2 by One-Step Reverse Transcription Loop-Mediated Isothermal Amplification. **2023**, 47, 359-367 o
- 300 Enhanced electron heating in the magnetic nozzle of a radio-frequency plasma via electron cyclotron resonance. **2023**, 141, 44002 o
- 299 Prohexadione calcium enhances rice growth and tillering under NaCl stress. 11, e14804 o
- 298 An EMG-Based Biomimetic Variable Stiffness Modulation Strategy for Bilateral Motor Skills Relearning of Upper Limb Elbow Joint Rehabilitation. 1
- 297 Human cochlear microstructures at risk of electrode insertion trauma, elucidated in 3D with contrast-enhanced microCT. **2023**, 13, o
- 296 Effect of optimal antenatal care on maternal and perinatal health in Ethiopia. 11, o
- 295 A specific molecular signature in SARS-CoV-2Infected kidney biopsies. **2023**, 8, o
- 294 A review on influence of biochar amendment on soil processes and environmental remediation. 1-35 1
- 293 Scenarios of land use and land cover change in the Colombian Amazon to evaluate alternative post-conflict pathways. **2023**, 13, o
- 292 New highly efficient psyllium and sodium vinyl sulfonate-based adsorbent for Hg2+ ions. **2023**, 32, 585-598 o
- 291 Solution-Processed Synthesis of Nano-Sized Argyrodite Solid Electrolytes with Cavitation Effect for High Performance All-Solid-State Lithium-Ion Batteries. **2023**, 6, o
- 290 Fluorescence Spectral Imaging Based on Computational Spectral Sensing. **2023**, 19, o
- 289 Particulate matter resuspension from simulated urban green floors using a wind tunnel-mounted closed chamber. 11, e14674 o
- 288 Study of anthrax disease dynamics in multi-compartment with Grass and herbivores population. o
- 287 Strategy and Core Cognitive Training Effects on Working Memory Performance: A Systematic Review and Meta-Analysis. 1-28 o
- 286 Comprehensive analysis of the complete mitochondrial genome of *Melanoplus differentialis* (Acrididae: Melanoplinae) captured in Korea. **2023**, 53, 66-81 o
- 285 Amino acid and Dicyclohexylurea Linked Pyrazole Analogues: Synthesis, In Silico and In Vitro Studies. **2023**, 8, o

- 284 Assessment of the water quality of the Niger River in Bamako, Mali, based on the Water Quality Index. **2023**, 23, 671-687 ○
- 283 Effects of continuous straw returning on bacterial community structure and enzyme activities in rape-rice soil aggregates. **2023**, 13, ○
- 282 Image Turing test and its applications on synthetic chest radiographs by using the progressive growing generative adversarial network. **2023**, 13, ○
- 281 High growth temperature for AlN by jet stream gas flow metalorganic vapor phase epitaxy. **2023**, 13, ○
- 280 Dual solutions of radiative Ag-MoS₂/water hybrid nanofluid flow with variable viscosity and variable thermal conductivity along an exponentially shrinking permeable Riga surface: Stability and entropy generation analysis. 1-26 1
- 279 Heterotrophic nitrification of organic nitrogen in soils: process, regulation, and ecological significance. **2023**, 59, 261-274 ○
- 278 Adsorption of nitrophenol onto a novel Fe₃O₄- χ -carrageenan/MIL-125(Ti) composite: process optimization, isotherms, kinetics, and mechanism. **2023**, 30, 49301-49313 ○
- 277 Using a promising biomass-based biochar in photocatalytic degradation: highly impressive performance of RHB/SnO₂/Fe₃O₄ for elimination of AO7. ○
- 276 Machine Learning Advances in Predicting Peptide/Protein-Protein Interactions Based on Sequence Information for Lead Peptides Discovery. 2200232 ○
- 275 Effects of Climate change on temperature and precipitation in the Lake Toba region, Indonesia, based on ERA5-land data with quantile mapping bias correction. **2023**, 13, ○
- 274 Triassic nursery? Evidence of gregarious behavior in juvenile pseudosuchian archosaurs as inferred by humeral histology of Aetosaurus ferratus (Norian; southern Germany). **2022**, 42, ○
- 273 Design of multi-epitope based vaccine against Mycobacterium tuberculosis: a subtractive proteomics and reverse vaccinology based immunoinformatics approach. 1-19 ○
- 272 Prophylactic treatment with oral azithromycin in cancer patients during the COVID-19 pandemic (OnCoVID): a randomized, single-blinded, placebo-controlled phase 2 trial. **2023**, 18, ○
- 271 Investigation of Wet-Preparation Methods of Nickel Foam For Alkaline Water Electrolysis. **2023**, 2430, 012002 1
- 270 A pH-responsive Zr-based metal organic framework PCN-777 as a potential oral drug carrier. **2023**, 649, ○
- 269 Nudging to Change, the Role of Digital Health. **2023**, 137-154 ○
- 268 Graphene family in cancer therapy: recent progress in cancer gene/drug delivery applications. **2023**, 11, 2568-2613 ○
- 267 Integrating thermodynamics towards bulk level synthesis of nano Ni catalysts: a green mediated sol-gel auto combustion method. **2023**, 47, 4790-4800 ○

- 266 Virtual biopsy in abdominal pathology: where do we stand?. **2023**, 5, ○
- 265 Hygroscopic growth of single atmospheric sea salt aerosol particles from mass measurement in an optical trap. **2023**, 3, 695-707 ○
- 264 Automatic diagnosis of retention pseudocyst in the maxillary sinus on panoramic radiographs using a convolutional neural network algorithm. **2023**, 13, ○
- 263 Clinical Diagnostics Ex-Vivo Based on Fluorescence. **2023**, 493-528 ○
- 262 Fluorescent Imaging In Vivo. **2023**, 597-647 ○
- 261 Constitutive and Material: An Empirical Analysis of the Two Dimensions of the Communication on Microplastics in Japanese Journals. 1-22 ○
- 260 Photodegradation of Amido Black 10b Dye Under Visible Light Using Ni and Zn Ferrite Catalysts Prepared by a Simple Modified Sol-Gel Method. ○
- 259 UAV-based NDVI estimation of sugarbeet yield and quality under varied nitrogen and water rates. **2023**, 6, ○
- 258 Dynamics of stochastic-constrained particles. **2023**, 13, ○
- 257 Polyphenolic Extract Recovery from Azadirachta indica Leaves via Green Microwave-Assisted Extraction Technology: GA-ANFIS Prediction, Cuckoo Search Algorithm Optimization and ASPEN-Based Scale-Up Techno-economics. ○
- 256 SARS-CoV-2 Diagnosis Using Transcriptome Data: A Machine Learning Approach. **2023**, 4, ○
- 255 A comprehensive review on plant-based natural fiber reinforced polymer composites: Fabrication, properties, and applications. 1
- 254 Tracking the evolution of esophageal squamous cell carcinoma under dynamic immune selection by multi-omics sequencing. **2023**, 14, ○
- 253 Fundamentals of Bowel Cancer for Biomedical Engineers. **2023**, 51, 679-701 ○
- 252 Stress responses in high-fidelity simulation and standard simulation training among medical students. **2023**, 23, ○
- 251 Investigation of inflammation, oxidative stress, and DNA damage in COVID-19 patients. **2023**, 28, 191-199 1
- 250 Improving performance of medical image alignment through super-resolution. ○
- 249 Isovists compactness and stairs as predictors of evacuation route choice. **2023**, 13, ○

- 248 In silico assessment on TdP risks of drug combinations under CiPA paradigm. **2023**, 13, ○
- 247 Programming synthetic DNA molecules for building and breaking heterostructures between TiO₂ nanomaterials for photoelectrochemical bacterial detection. **2023**, 49, 101783 ○
- 246 Facile green synthesis of SnS₂ nanoparticles using Tulsi extract: insight into the optical and photocatalytic properties. 1-18 ○
- 245 The potential role of serum extracellular vesicle derived small RNAs in AML research as non-invasive biomarker. **2023**, 5, 1691-1705 ○
- 244 Unsupervised anomaly detection with generative adversarial networks in mammography. **2023**, 13, ○
- 243 Artificial intelligence in dentistry: A review. 4, ○
- 242 MicroRNA-122 in human cancers: from mechanistic to clinical perspectives. **2023**, 23, ○
- 241 Multi-phase synthetic contrast enhancement in interventional computed tomography for guiding renal cryotherapy. ○
- 240 Microwave-assisted reduction of graphene oxide using Artemisia vulgaris extract for supercapacitor application. **2023**, 34, ○
- 239 Classification of apple images using support vector machines and deep residual networks. ○
- 238 Pyrite (FeS₂)-decorated 1D TiO₂ nanotubes in a bilayer as a sustainable photoanode for photoelectrochemical water splitting activity. ○
- 237 The Effect of Alkali Treatment on the Crystallinity, Thermal Stability, and Surface Roughness of Bamboo Fibers. **2023**, 24, 505-514 ○
- 236 A general expression for the statistical error in a diffusion coefficient obtained from a solid-state molecular-dynamics simulation. ○
- 235 Self-powered visible transparent $\text{Cu}/\text{Zn}_{\left(1-x\right)}\text{Sn}_{\left(x\right)}\text{O}$ Schottky-based ultraviolet photosensors fabricated via DC magnetron sputtering. **2023**, 129, ○
- 234 A Self-attention Guided Multi-scale Gradient GAN for Diversified X-ray Image Synthesis. **2023**, 18-31 ○
- 233 The biological and biochemical composition of wheat (*Triticum aestivum*) as affected by the bio and organic fertilizers. **2023**, 23, ○
- 232 Modeling present and future distribution of plankton populations in a coastal upwelling zone: the copepod *Calanus chilensis* as a study case. **2023**, 13, ○
- 231 Nuclear envelope budding and its cellular functions. **2023**, 14, ○

- 230 Concepts, electrode configuration, characterization, and data analytics of electric and electrochemical microfluidic platforms: a review. ○
- 229 Pre-treatment of lignocellulosic biomass: review of various physico-chemical and biological methods influencing the extent of biomass depolymerization. ○
- 228 Designing multi-epitope vaccine against important colorectal cancer (CRC) associated pathogens based on immunoinformatics approach. **2023**, 24, ○
- 227 Multiparametric MR imaging with diffusion-weighted, intravoxel incoherent motion, diffusion tensor, and dynamic contrast-enhanced perfusion sequences to assess gallbladder wall thickening: a prospective study based on surgical histopathology. ○
- 226 Immunoinformatics design of multi-epitope vaccine using OmpA, OmpD and enterotoxin against non-typhoidal salmonellosis. **2023**, 24, ○
- 225 Impact of human contact patterns on epidemic spreading in time-varying networks. **2023**, 107, ○
- 224 Chemometers: an integrative tool for chemical assessment in multimedia environments. **2023**, 59, 3193-3205 ○
- 223 Compositional variation of the Zechstein Group in the Norwegian North sea: Implications for underground storage in salt caverns. ○
- 222 A comparison of experience sampled hay fever symptom severity across rural and urban areas of the UK. **2023**, 13, ○
- 221 Cross-calibration method based on an automated observation site. **2023**, 31, 12756 ○
- 220 Influence of junction resistance on spatiotemporal dynamics and reservoir computing performance arising from an SWNT/POM 3D network formed via a scaffold template technique. ○
- 219 Changes in the economic value of ecosystem services in rapidly growing urban areas: the case of Dhaka, Bangladesh. **2023**, 30, 52321-52339 ○
- 218 Carbon-fibre-reinforced-PEEK and silicon doped amorphous carbon as a potential tribopair for implant application. 1-19 ○
- 217 Krein support vector machine classification of antimicrobial peptides. **2023**, 2, 502-511 ○
- 216 Automation and deep (machine) learning in temporomandibular joint disorder radiomics: A systematic review. 2
- 215 Optical Coherence Tomography Angiography Demonstrates Strain and Volume Effects on Optic Disk and Peripapillary Vasculature Caused by Horizontal Duction. **2023**, 48, 518-527 ○
- 214 Design and Full-Wave Analysis of Ultra-Broadband Metamaterial Absorbers Based on Ring Resonators for Solar Energy Harvesting. ○
- 213 Advanced metal oxide-based nanocatalysts for the oxidative synthesis of fine chemicals. ○

- 212 Efficiency and selectivity of cost-effective Zn-MOF for dye removal, kinetic and thermodynamic approach. ○
- 211 Applying machine learning methods to enable automatic customisation of knee replacement implants from CT data. **2023**, 13, ○
- 210 Distinct responses and range shifts of lizard populations across an elevational gradient under climate change. **2023**, 29, 2669-2680 ○
- 209 Long-term use of metformin and Alzheimer's disease: beneficial or detrimental effects. ○
- 208 Turning down PI3K/AKT/mTOR signalling pathway by natural products: an in silico multi-target approach. **2023**, 34, 163-182 ○
- 207 A biopolymer functionalized two-dimensional WS₂@TiO₂ nanocomposite for in vitro biomedical and photocatalytic applications: facile synthesis and characterization. **2023**, 11, 3089-3096 ○
- 206 A robust discretization method of factor screening for landslide susceptibility mapping using convolution neural network, random forest, and logistic regression models. **2023**, 16, 408-429 ○
- 205 Effects of different planting distances and fertilizer use on the remediation of farmland contaminated with Cd by intercropping Cucurbita moschata and Amaranthus hypochondriacus L.. **2023**, 30, 53037-53049 ○
- 204 Identifying activity level related movement features of children with ASD based on ADOS videos. **2023**, 13, ○
- 203 Recommendations for the use of metagenomics for routine monitoring of antibiotic resistance in wastewater and impacted aquatic environments. 1-26 ○
- 202 Preoperative Predictors of Early Recurrence After Liver Resection for Multifocal Hepatocellular Carcinoma. ○
- 201 Changes in Ocular Biomarkers from Normal Cognitive Aging to Alzheimer's Disease: A Pilot Study. Volume 15, 15-23 ○
- 200 Predicting survival after radiosurgery in patients with lung cancer brain metastases using deep learning of radiomics and EGFR status. ○
- 199 Antenna Design Considerations for Satellite Communication: A Review. **2023**, 139-150 ○
- 198 The positive impact of the Omicron pandemic lockdown on air quality and human health in cities around Shanghai. ○
- 197 Identification of retinal diseases based on retinal blood vessel segmentation using Dagum PDF and feature-based machine learning. 1-21 ○
- 196 Entomopathogenic fungi and their relevance in sustainable agriculture: A review. **2023**, 9, ○
- 195 A Numerical Analysis of Radio Frequency Heating of Coal With Different Ranks. **2023**, 145, ○

- 194 Interfacial electronic properties and tunable band offset in graphyne/MoSe₂ heterostructure with high carrier mobility. **2023**, 47, 7084-7092 o
- 193 IAA-decorated CuO nanocarriers significantly improve Chickpea growth by increasing antioxidative activities. **2023**, 13, o
- 192 Theta band brainwaves in human resting EEG modulated by mobile phone radiofrequency. 1-9 o
- 191 Activation of hypermethylated P2RY1 mitigates gastric cancer by promoting apoptosis and inhibiting proliferation. **2023**, 18, o
- 190 Tissue-growth-based synthetic tree generation and perfusion simulation. o
- 189 Recycled Polypropylene Waste as Abundant Source for Antimicrobial, Superhydrophobic and Electroconductive Nonwoven Fabrics Comprising Polyaniline/Silver Nanoparticles. o
- 188 Cloning, improved expression and purification of invasion plasmid antigen D (IpaD): an effector protein of enteroinvasive Escherichia coli (EIEC). 1-27 o
- 187 A supervised method to enhance distance-based neural network clustering performance by discovering perfect representative neurons. o
- 186 Ultra-Low-Frequency Broadband Sound Absorption Characteristics of an Acoustic Metasurface with Pie-Sliced Unit Cells. o
- 185 Quantum Energy Storage in 2D Heterointerfaces. **2023**, 10, o
- 184 Scoring for Hemorrhage Severity in Traumatic Injury. **2022**, 1-18 o
- 183 Recent advances in microwave-absorbing materials fabricated using organic conductive polymers. 10, o
- 182 Data driven contagion risk management in low-income countries using machine learning applications with COVID-19 in South Asia. **2023**, 13, o
- 181 Cu-poor chalcostibite CuSbS₂ thin films for inverted photovoltaic applications. **2023**, 129, o
- 180 A NOVEL DESIGN OF MEYER WAVELET NEURAL NETWORKS TO STUDY THE EPIDEMIOLOGICAL SMOKING MODEL. **2023**, 31, o
- 179 Weibull distribution under indeterminacy with applications. **2023**, 8, 10745-10757 o
- 178 Predicting the AC Conductivity of Nanocomposite Films using the Bagging Model. **2022**, 64, 662-672 o
- 177 The dynamics of novel corona virus disease via stochastic epidemiological model with vaccination. **2023**, 13, o

- 176 Design and analysis of management platform based on financial big data. 9, e1231 o
- 175 Hazard Assessment of Drought Using PNPI and GIS in Fars Province, Iran. **2023**, 25, o
- 174 Numerical simulation of condensation from isobutane vapour /air mixture. 1-11 o
- 173 High-throughput microfluidic droplets in biomolecular analytical system: A review. **2023**, 228, 115213 o
- 172 Improvement of mechanical energy using thermal efficiency of hybrid nanofluid on solar aircraft wings: an application of renewable, sustainable energy. 1-30 o
- 171 Determinants of adoption of land management practices among farmers in Western Lake Tana and Beles River watersheds (Ethiopia) as a climate change adaptation strategy. **2023**, 9, o
- 170 Theoretical framework for achieving high Voc in non-fused non-fullerene terthiophene-based end-capped modified derivatives for potential applications in organic photovoltaics. **2023**, 13, 7535-7553 o
- 169 Penrose tiling-inspired graphene-covered multiband terahertz metamaterial absorbers. **2023**, 31, 12653 o
- 168 Effective detection of COVID-19 outbreak in chest X-Rays using fusionnet model. 1-21 o
- 167 An agent-based approach for modelling and simulation of glycoprotein VI receptor diffusion, localisation and dimerisation in platelet lipid rafts. **2023**, 13, 1
- 166 Diverse wave structures to the modified BenjaminBonaMahony equation in the optical illusions field. **2023**, 37, 2
- 165 Development of a patient-specific chest computed tomography imaging phantom with realistic lung lesions using silicone casting and three-dimensional printing. **2023**, 13, o
- 164 High-efficiency oil/water separation of hydrophobic stainless steel Mesh filter through carbon and fluorine surface treatment. o
- 163 Stimuli-sensitive nano-drug delivery with programmable size changes to enhance accumulation of therapeutic agents in tumors. **2023**, 30, o
- 162 Molecular mechanisms of anthracycline induced cardiotoxicity: Zebrafish come into play. 10, o
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- 159 Dispersion characteristics of seabed Scholte waves with variable velocity seawater in deep water. o

- 158 High performance single mode plasmonic filter and efficient wavelength demultiplexing based on nanodisk resonators. **2023**, 55, ○
- 157 Numerical study of eco-friendly Sn-based Perovskite solar cell with 25.48% efficiency using SCAPS-1D. **2023**, 34, ○
- 156 Microfluidic-based technologies for diagnosis, prevention, and treatment of COVID-19: recent advances and future directions. **2023**, 25, ○
- 155 Comorbidity-stratified estimates of 30-day mortality risk by age for unvaccinated men and women with COVID-19: a population-based cohort study. **2023**, 23, ○
- 154 Aminobenzofuran-containing analogues of proximicins exhibit higher antiproliferative activity against human UG-87 glioblastoma cells compared to temozolomide. **2023**, 13, 8420-8426 ○
- 153 Enhanced adsorption of cationic and anionic dyes using cigarette butt-based adsorbents: Insights into mechanism, kinetics, isotherms, and thermodynamics. ○
- 152 The effects of nano-edible coating on shelf life, physicochemical, microbial and sensory properties in food preservation and horticulture: A mini review. **2023**, 373, 04006 ○
- 151 Pharmacoinformatics-based strategy in designing and profiling of some Pyrazole analogues as novel hepatitis C virus inhibitors with pharmacokinetic analysis. **2023**, 10, 240-254 ○
- 150 Bamboo Biomass: A Strategy for Climate Change Mitigation and Adaptation, and Forest Landscape Restoration (FLR) in Cameroon. **2023**, 397-428 ○
- 149 Sorting microplastics from other materials in water samples by ultra-high-definition imaging. **2023**, 19, 14 ○
- 148 Arsenic causing gallbladder cancer disease in Bihar. **2023**, 13, ○
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- 144 Pathology and molecular characterization of chicken infectious anemia virus and in silico antigen prediction. 1-8 ○
- 143 Thermodynamic analysis of the interaction between metal vacancies and hydrogen in bulk Cu. **2023**, 25, 9168-9175 ○
- 142 An optimal internal model proportional integral controller to improve pressure tracking profile of artificial ventilator. ○
- 141 Intrinsic disorder in the open reading frame 2 of hepatitis E virus: a protein with multiple functions beyond viral capsid. **2023**, 21, ○

- 140 Statistics and Machine Learning in Mass Spectrometry-Based Metabolomics Analysis. **2023**, 247-269 ○
- 139 Artificial intelligence-based optimization for chitosan nanoparticles biosynthesis, characterization and in-vitro assessment of its anti-biofilm potentiality. **2023**, 13, ○
- 138 The effect of Sichuan pepper on gut microbiota in mice fed a high-sucrose and low-dietary fibre diet. **2023**, 107, 2627-2638 ○
- 137 A Systematic Literature Review and Future Perspectives for Handling Big Data Analytics in COVID-19 Diagnosis. ○
- 136 Approaching the free-ion limit in magnetically isotropic gadolinium(iii) via borohydride ligands. **2023**, 25, 10689-10696 ○
- 135 A Headphone-Based Heart Rate and Heart Rate Variability Monitoring Unit. **2023**, 209-226 ○
- 134 Antioxidants: an approach for restricting oxidative stress induced neurodegeneration in Alzheimer's disease. ○
- 133 Improving clinical documentation: automatic inference of ICD-10 codes from patient notes using BERT model. ○
- 132 Comparative proteome profiles of *Polygonatum cyrtonema* Hua rhizomes (*Rhizoma Ploygonati*) in response to different levels of cadmium stress. **2023**, 23, ○
- 131 Insights Into Targeting the SARS-CoV-2: Design, Synthesis, In Silico Studies and Antiviral Evaluation of New Dimethylxanthine Derivatives. ○
- 130 Mitochondrial Dysfunction and Parkinson's Disease: Pathogenesis and Therapeutic Strategies. ○
- 129 A mini review on green nanotechnology and its development in biological effects. **2023**, 205, ○
- 128 Green Synthesized Silver Nanoparticles Incorporated Graphene Oxide: Investigation of Its Catalytic Activity, Antioxidant and Potential Activity Against Colorectal Cancer Cells. ○
- 127 Scoring for Hemorrhage Severity in Traumatic Injury. **2023**, 1135-1152 ○
- 126 A charge analysis of non-invasive electrical brain stimulation. **2023**, 91, 264-277 ○
- 125 Combination of data-driven models and best subset regression for predicting the standardized precipitation index (SPI) at the Upper Godavari Basin in India. **2023**, 152, 535-558 ○
- 124 Mutation prediction and phylogenetic analysis of SARS-CoV2 protein sequences using LSTM based encoder-decoder model. **2023**, 30, 103-121 ○
- 123 Projected Atlantic overturning slow-down is to be compensated by a strengthened South Atlantic subtropical gyre. **2023**, 4, ○

122	NON-DIFFERENTIABLE EXACT SOLUTIONS OF THE LOCAL FRACTIONAL ZAKHAROV-KUZNETSOV EQUATION ON THE CANTOR SETS.	1
121	Single test-based diagnosis of multiple cancer types using Exosome-SERS-AI for early stage cancers. 2023 , 14,	0
120	Quartz-H ₂ Brine Bacterium Wettability under Realistic Geo-Conditions: Towards Geological Hydrogen Storage. 2023 , 37, 5623-5631	0
119	No skin off your back: the sampling and extraction of sebum for metabolomics. 2023 , 19,	0
118	Supervised deep learning-based paradigm to screen the enhanced oil recovery scenarios. 2023 , 13,	3
117	Microplastics in freshwater wild and farmed fish species of Bangladesh.	0
116	Nigella sativa seeds mitigate the hepatic histo-architectural and ultrastructural changes induced by 4-nonylphenol in <i>Clarias gariepinus</i> . 2023 , 13,	0
115	Does type 2 diabetes affect the efficacy of therapeutic exercises for degenerative lumbar spinal stenosis?. 2023 , 24,	0
114	The role of position in consensus dynamics of polarizable networks. 2023 , 13,	0
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112	Irreversibility analysis of electromagnetic hybrid nanofluid for Cattaneo-Christov heat flux model using finite element approach. 2023 , 13,	0
111	Possible species discrimination of a blotched nerite <i>Nerita albicilla</i> with their distribution pattern and demographic history in the Indo-Pacific. 2023 , 13,	0
110	Study of Freeze-thaw Induced Damage Characteristic for Himalayan Schist. 2023 , 99, 390-396	0
109	Predicting metastasis in gastric cancer patients: machine learning-based approaches. 2023 , 13,	0
108	Petrography, mineralogy, and geochemistry of nitrogenous shale in the Western Desert of Egypt: implications for paleoenvironment. 2023 , 16,	0
107	The use of Turkish coffee waste as a polymeric adsorbent for methyl orange adsorption from aqueous solutions. 2023 , 49, 2155-2174	0
106	Feynman-Vernon influence functional approach for the damped driven oscillator in RLC circuit. 2023 , 138,	0
105	Crosstalk Between miRNA and Protein Expression Profiles in Nitrate-Exposed Brain Cells.	0

- 104 Ce-Doped MoO₃ Photocatalyst as an Environmental Purifier for Removal of Noxious Rhodamine B Organic Pollutant in Wastewater. ○
- 103 From a one-mode to a multi-mode understanding of conical intersection mediated ultrafast organic photochemical reactions. ○
- 102 Comparative metabolomics of root-tips reveals distinct metabolic pathways conferring drought tolerance in contrasting genotypes of rice. **2023**, 24, ○
- 101 Natural polymers used in the dressing materials for wound healing: Past, present and future. ○
- 100 Plasmonic random lasing and amplified spontaneous emission from donor-acceptor-donor dyes covered biocompatible silk fibroin film. **2023**, 11, 4595-4602 ○
- 99 Parameterized multi-observable sum uncertainty relations. **2023**, 138, ○
- 98 In silico modeling revealed phytomolecules derived from *Cymbopogon citratus* (DC.) leaf extract as promising candidates for malaria therapy. 1-18 ○
- 97 Localised strain and doping of 2D materials. ○
- 96 An ancient testis-specific IQ motif-containing H gene regulates specific transcript isoform expression during spermatogenesis. **2023**, 150, ○
- 95 Monitoring Groundwater Storage Based on Satellite Gravimetry and Deep Learning. ○
- 94 Effective DC Conductivity of Polymer Composites Containing Graphene Nanosheets. ○
- 93 Systematic review of the methodological quality of patient-reported outcome measure for patients with chronic ankle instability. 026921552311662 ○
- 92 Isolation of biofluids from tissues using a vacuum-assisted filtration biomedical device. ○
- 91 Bioinformatics screening of colorectal-cancer causing molecular signatures through gene expression profiles to discover therapeutic targets and candidate agents. **2023**, 16, ○
- 90 Cancer Research Line (CAREL): Development of Expanded Distributed Research Networks for Prostate Cancer and Lung Cancer. **2023**, 22, 153303382211492 ○
- 89 Assessment of anti-arthritic activity of lipid matrix encased berberine in rheumatic animal model. 1-16 ○
- 88 Synchronized electrochemical detection of hydroquinone and catechol in real water samples using a Co@SnO₂/polyaniline composite. **2023**, 13, 10017-10028 ○
- 87 Effects of climate anomaly on rainfall, groundwater depth, and soil moisture on peatlands in South Sumatra, Indonesia. **2023**, 11, 81-88 ○

- 86 Dental image enhancement network for early diagnosis of oral dental disease. **2023**, 13, [View](#)
- 85 Zeolite GIS Polymorphs Derived from Clay Fraction $> 2 \mu\text{m}$: The Ability of Clay Fraction $> 2 \mu\text{m}$ for Crystallization of High-Purity Na-P1 Zeolite. [View](#)
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- 79 Association of tropical daily precipitation extremes with physical covariates in a changing climate. [View](#)
- 78 Approaches for the Detection of Escherichia coli in Wastewater: A Short Review. **2023**, 8, [View](#)
- 77 The spatial distribution of infectious agents in wild Pacific salmon along the British Columbia coast. **2023**, 13, [View](#)
- 76 Design of double acceptance sampling plan for Weibull distribution under indeterminacy. **2023**, 8, 13294-13305 [View](#)
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- 66 Analysis of Precision Vectors for L1-Based Linear Regression. **2023**, 251-261 ○
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- 62 Extrinsic stabilization of antiviral ACE2-Fc fusion proteins targeting SARS-CoV-2. **2023**, 6, ○
- 61 New non-ureolytic heterotrophic microbial induced carbonate precipitation for suppression of sand dune wind erosion. **2023**, 13, ○
- 60 Soil Properties as Indicators of Soil Water Regime: A Review. **2023**, 56, 306-320 ○
- 59 Removing artefacts and periodically retraining improve performance of neural network-based seizure prediction models. **2023**, 13, ○
- 58 Campus outdoor environment, learning engagement, and the mental health of college students during the COVID-19 pandemic: From the perspective of students in different grades. 11, ○
- 57 Theoretical insights into the amplified optical gain of hexagonal germanium by strain engineering. **2023**, 13, 11324-11336 ○
- 56 A comparative study between the soft computing MPPT techniques and traditional incremental conductance under arbitrary environmental conditions. **2023**, ○
- 55 3D Lagrangian tracking of polydispersed bubbles at high image densities. **2023**, 64, ○
- 54 Comments on A Prospective Observational Study on Changes in Intraocular Pressure and Iridocorneal Angle Following the Use of Escitalopram and Amitriptyline 025371762311647 ○
- 53 Assessment of macular microvascular changes in children following treatment of anisometropic myopic amblyopia using optical coherence tomography angiography. ○
- 52 Real-time gas mass spectroscopy by multivariate analysis. **2023**, 13, ○
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- 50 A Near-Perfect Wideband Metamaterial Absorber Using Conductive Ink with Wide Angular Stability and Polarization Insensitive Behaviour. 1-11 o
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- 48 MIL-101-NH₂-CC/Melamine@Co₂+ as a novel heterogeneous catalyst for the synthesis of 2,4,5-trisubstituted imidazoles and reduction of methylene blue. o
- 47 Food nutrition and toxicology in the era of single-cell sequencing. **2023**, 1-31 o
- 46 Minerals in edible insects: review of content and potential for sustainable sourcing. **2023**, 1-18 o
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- 43 Deciphering the Impact of Acinetobacter sp. SG-5 Strain on Two Contrasting Zea mays L. Cultivars for Root Exudations and Distinct Physio-Biochemical Attributes Under Cadmium Stress. o
- 42 Prediction of the Facial Growth Direction: Regression Perspective. **2023**, 395-407 o
- 41 Influence of hydrodynamic and functional nonlinearities of blood flow in the cerebral vasculature on cerebral perfusion and autoregulation pressure reserve. **2023**, 13, o
- 40 Effect of Bamboo biochar on strength and water retention properties of low plastic clay and silty sand. **2023**, 13, o
- 39 The application of machine learning in nanoparticle treated water: A review. **2023**, 377, 01009 o
- 38 Rapid drop in ductility of the bimodal-structured Mg₁₅Gd binary alloy during early aging. **2023**, o
- 37 Methylcellulose/agarose hydrogel loaded with short electrospun PLLA/laminin fibers as an injectable scaffold for tissue engineering/3D cell culture model for tumour therapies. **2023**, 13, 11889-11902 o
- 36 Fast In-Situ Triaxial Remanent Magnetic Field Measurement for Single-Beam SERF Atomic Magnetometer Based on Trisection Algorithm. **2023**, 13, o
- 35 Volumetric thermo-convective cassin fluid flow over a nonlinear inclined extended surface. **2023**, 13, o
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- 33 Anxiety in Early Adolescents During the Covid-19 Pandemic. o

- 32 A low cost neuromorphic learning engine based on a high performance supervised SNN learning algorithm. **2023**, 13, ○
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- 30 Endophyte-Mediated Crop Improvement: Manipulation of Abiotic Stress-Specific Traits. **2023**, 355-370 ○
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- 21 Topology-based radiomic features for prediction of parotid gland cancer malignancy grade in magnetic resonance images. ○
- 20 Relations between personal exposure to elevated concentrations of arsenic in water and soil and blood arsenic levels amongst people living in rural areas in Limpopo, South Africa. ○
- 19 Advances in Organometallic Perovskites Enabled Radiation Detection Technologies. **2023**, 111-140 ○
- 18 Caloric vestibular stimulation induces vestibular circular vection even with a conflicting visual display presented in a virtual reality headset. **2023**, 14, 204166952311680 ○
- 17 Spatio-temporal variation in phytoplankton community structure in backwaters of the Ketar River, central Ethiopia. 1-12 ○
- 16 Discrepancy between peripapillary retinal and choroidal microvasculature and the rate of localized retinal nerve fiber layer thinning in glaucoma. **2023**, 13, ○
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