

CITATION REPORT

List of articles citing

Ultrastructural Characterization of the Lower Motor System in a Mouse Model of Krabbe Disease

DOI: 10.1038/s41598-016-0001-8
Scientific Reports, 2016, 6, 1.

Source: <https://exaly.com/paper-pdf/63740279/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2270	Isolation and selection of plant growth-promoting bacteria associated with sugarcane. 2016 , 46, 149-158		33
2269	Demonstration of 20-Gbit/s high-speed Bessel beam encoding/decoding link with adaptive turbulence compensation. 2016 , 41, 4680-4683		48
2268	Groundwater and Surface Water Availability via a Joint Simulation with a Double Control of Water Quantity and Ecologically Ideal Shallow Groundwater Depth: A Case Study on the Sanjiang Plain, Northeast China. 2016 , 8, 396		5
2267	Visual Enhancement of Illusory Phenomenal Accents in Non-Isochronous Auditory Rhythms. 2016 , 11, e0166880		3
2266	Dispersion dynamics of quantum cascade lasers. 2016 , 3, 1362		18
2265	Hydrothermally synthesized Copper Oxide (CuO) superstructures for ammonia sensing. 2016 , 480, 76-84		54
2264	Hierarchically structured layered-double-hydroxide@zeolitic-imidazolate-framework derivatives for high-performance electrochemical energy storage. 2016 , 4, 12526-12534		65
2263	UniCon3D: de novo protein structure prediction using united-residue conformational search via stepwise, probabilistic sampling. 2016 , 32, 2791-9		29
2262	Photoexcitation Dynamics of Thymine in Acetonitrile and an Ionic Liquid Probed by Time-resolved Infrared Spectroscopy. 2016 , 37, 1064-1070		2
2261	Optimal Design and Manufacture of Active Rod Structures with Spatially Variable Materials. 2016 , 3, 204-215		18
2260	Orbital Angular Momentum-based Space Division Multiplexing for High-capacity Underwater Optical Communications. <i>Scientific Reports</i> , 2016 , 6, 33306	4.9	99
2259	Castable Bulk Metallic Glass Strain Wave Gears: Towards Decreasing the Cost of High-Performance Robotics. <i>Scientific Reports</i> , 2016 , 6, 37773	4.9	34
2258	The immobilisation of proteases produced by SSF onto functionalized magnetic nanoparticles: Application in the hydrolysis of different protein sources. 2016 , 133, S230-S242		18
2257	Moxifloxacin: Clinically compatible contrast agent for multiphoton imaging. <i>Scientific Reports</i> , 2016 , 6, 27142	4.9	17
2256	Coupling template nanocasting and self-activation for fabrication of nanoporous carbon. <i>Scientific Reports</i> , 2016 , 6, 38176	4.9	7
2255	Broadband and wide-angle RCS reduction using a 2-bit coding ultrathin metasurface at terahertz frequencies. <i>Scientific Reports</i> , 2016 , 6, 39252	4.9	47
2254	The influence of the El Niño Southern Oscillation on heat waves in India. 2016 , 23, 705-713		20

2253	Weighing Scale-Based Pulse Transit Time is a Superior Marker of Blood Pressure than Conventional Pulse Arrival Time. <i>Scientific Reports</i> , 2016 , 6, 39273	4.9	77
2252	Drought rapidly diminishes the large net CO uptake in 2011 over semi-arid Australia. <i>Scientific Reports</i> , 2016 , 6, 37747	4.9	58
2251	mTOR and MAPK: from localized translation control to epilepsy. 2016 , 17, 73		43
2250	Unicast Routing Protocol Based on Attractor Selection Model for Vehicular Ad-Hoc Networks. 2016 , 138-148		2
2249	Optimal graft stiffness and pre-strain restore normal joint motion and cartilage responses in ACL reconstructed knee. 2016 , 49, 2566-2576		27
2248	Selenium inhibits sulfate-mediated methylmercury production in rice paddy soil. 2016 , 213, 232-239		39
2247	Cause and consequences of the activated type I interferon system in SLE. 2016 , 94, 1103-1110		43
2246	Gas Chromatographic Enantiomer Separation of Polychlorinated Biphenyls (PCBs): Methods, Metabolisms, Enantiomeric Composition in Environmental Samples and their Interpretation. 2016 , 56, 940-957		7
2245	Genetic variation and population structure of the mushroom <i>Pleurotus ferulae</i> in China inferred from nuclear DNA analysis. 2016 , 15, 2237-2246		4
2244	Design and Synthesis of 4-Anilinothieno[2,3-d]pyrimidine-Based Compounds as Dual EGFR/HER-2 Inhibitors. 2016 , 349, 827-847		4
2243	Preparation and enhanced oxidation performance of a Hf-doped single-phase Pt-modified aluminide coating. 2016 , 113, 17-25		44
2242	Phosphorus partitioning in sediments from a tropical reservoir during a strong period of drought. 2016 , 23, 24237-24247		3
2241	CRISPRi engineering <i>E. coli</i> for morphology diversification. 2016 , 38, 358-369		77
2240	Transcriptomic profiles of the upper olfactory rosette in cultured and wild Senegalese sole (<i>Solea senegalensis</i>) males. 2016 , 20, 125-135		19
2239	Activation of lignocellulosic biomass for higher sugar yields using aqueous ionic liquid at low severity process conditions. 2016 , 9, 160		39
2238	Brief Report: Seeing the Man in the Moon: Do Children with Autism Perceive Pareidolic Faces? A Pilot Study. 2016 , 46, 3838-3843		9
2237	Photocatalytic WO ₃ /TiO ₂ nanowires: WO ₃ polymorphs influencing the atomic layer deposition of TiO ₂ . 2016 , 6, 95369-95377		32
2236	Template-free hydrothermal synthesis of amphibious fluorescent carbon nanorice towards anti-counterfeiting applications and unleashing its nonlinear optical properties. 2016 , 6, 99060-99071		7

2235	Cholinergic inhibitors replace thioflavin-T from acetylcholinesterase binding pocket: A potential fluorescence based molecular switch. 2016 , 664, 63-69	3
2234	Mass spectrometry as a quantitative tool in plant metabolomics. 2016 , 374,	68
2233	Identifying P-phase arrivals with noise: An improved Kurtosis method based on DWT and STA/LTA. 2016 , 133, 50-61	36
2232	Disease types discovery from a large database of inpatient records: A sepsis study. 2016 , 111, 45-55	7
2231	Influence of Ca ²⁺ or Na ⁺ extraframework cations on the thermal dehydration and related kinetic performance of LSX zeolite. 2016 , 99, 1-10	11
2230	Characterization and investigation of the deformation behavior of porous magnesium scaffolds with entangled architected pore channels. 2016 , 64, 139-50	19
2229	Carbon-cryogel hierarchical composites as effective and scalable filters for removal of trace organic pollutants from water. 2016 , 182, 141-148	14
2228	Insoluble/immobilized redox mediators for catalyzing anaerobic bio-reduction of contaminants. 2016 , 15, 379-409	25
2227	Catalytic and antibacterial activities of novel colored zinc borophosphate glasses. 2016 , 6, 79602-79611	9
2226	A study of the transition between the non-polar and bipolar resistance switching mechanisms in the TiN/TiO ₂ /Al memory. 2016 , 8, 16455-66	18
2225	Effects of plate electrode materials on hydrogen production by pulsed discharge in ethanol solution. 2016 , 181, 75-82	15
2224	Facile fabrication of silk protein sericin-mediated hierarchical hydroxyapatite-based bio-hybrid architectures: excellent adsorption of toxic heavy metals and hazardous dye from wastewater. 2016 , 6, 86607-86616	25
2223	High efficiency shear exfoliation for producing high-quality, few-layered MoS ₂ nanosheets in a green ethanol/water system. 2016 , 6, 82763-82773	27
2222	Recreating composition, structure, functionalities of tissues at nanoscale for regenerative medicine. 2016 , 11, 849-858	15
2221	Immune signatures of protective spleen memory CD8 T cells. <i>Scientific Reports</i> , 2016 , 6, 37651	4.9 10
2220	Molecular dynamics studies of sticking and reflection of low-energy deuterium on single crystal tungsten. 2016 , 480, 411-419	11
2219	Winter wheat grain yield and summer nitrate leaching: Long-term effects of nitrogen and phosphorus rates on the Loess Plateau of China. 2016 , 196, 180-190	56
2218	In vivo biodistribution studies and ex vivo lymph node imaging using heavy metal-free quantum dots. 2016 , 104, 182-91	42

2217	Pinning effect of reactive elements on adhesion energy and adhesive strength of incoherent Al ₂ O ₃ /NiAl interface. 2016 , 18, 22864-73		12
2216	Self-assembly of synthetic liposome-like curcumin nanoparticles. 2016 , 6, 73677-73682		4
2215	The influence of porosity and structural parameters on different kinds of gas hydrate dissociation. <i>Scientific Reports</i> , 2016 , 6, 30324	4.9	60
2214	Early bioelectric activities mediate redox-modulated regeneration. 2016 , 143, 4582-4594		35
2213	Spark Plasma Sintering of Ultrafine YSZ Reinforced Cu Matrix Functionally Graded Composite. 2016 , 29, 1169-1176		11
2212	Nitrogen doped graphene supported MnO ₂ nanorods for efficient ORR in a microbial fuel cell. 2016 , 6, 110091-110101		67
2211	High protein flexibility and reduced hydration water dynamics are key pressure adaptive strategies in prokaryotes. <i>Scientific Reports</i> , 2016 , 6, 32816	4.9	32
2210	Enhanced electrochemical capacitive performance of "sandwich-like" MWCNTs/PANI/PSS-GR electrode materials. 2016 , 6, 100954-100961		3
2209	A Fully Integrated and Miniaturized Heavy-metal-detection Sensor Based on Micro-patterned Reduced Graphene Oxide. <i>Scientific Reports</i> , 2016 , 6, 33125	4.9	65
2208	4D printing shape memory polymers for dynamic jewellery and fashionwear. 2016 , 11, 263-270		72
2207	Nanoporous gold-copper oxide based all-solid-state micro-supercapacitors. 2016 , 6, 100467-100475		21
2206	Synthesis of Co-doped MoS ₂ /graphene hybrids as enhanced electrocatalysts for the hydrogen evolution reaction. 2016 , 6, 104925-104932		36
2205	Novel Poly(3-hydroxybutyrate-g-vinyl alcohol) Polyurethane Scaffold for Tissue Engineering. <i>Scientific Reports</i> , 2016 , 6, 31140	4.9	14
2204	High Efficient Photo-Fenton Catalyst of Fe ₂ O ₃ /MoS ₂ Hierarchical Nanoheterostructures: Reutilization for Supercapacitors. <i>Scientific Reports</i> , 2016 , 6, 31591	4.9	55
2203	The unity, diversity and conformity of bugs (Hemiptera) through time. 2016 , 107, 109-128		47
2202	Projected asymmetric response of Adelie penguins to Antarctic climate change. <i>Scientific Reports</i> , 2016 , 6, 28785	4.9	38
2201	Understanding the dynamics of physiological impacts of environmental stressors on Australian marsupials, focus on the koala (<i>Phascolarctos cinereus</i>). 2016 , 1,		13
2200	Multi-scale responses of scattering layers to environmental variability in Monterey Bay, California. 2016 , 113, 22-32		10

2199	Analytical method to study multiple scattering characteristics in participating media. 2016 , 101, 1053-1062	11
2198	Behaviour mechanisms and correlation between lead (Pb) and its isotope (210)Pb in industrial residue as an indicator for waste characterization. 2016 , 37, 3208-18	5
2197	Plastid-Nuclear Interaction and Accelerated Coevolution in Plastid Ribosomal Genes in Geraniaceae. 2016 , 8, 1824-38	51
2196	Pan-European management of coastal lagoons: A science-policy-stakeholder interface perspective. 2017 , 198, 648-656	6
2195	Effects of applied strain and electric field on small-molecule sensing by stanene monolayers. 2017 , 52, 5083-5096	24
2194	Generation of LIF-independent induced pluripotent stem cells from canine fetal fibroblasts. 2017 , 92, 75-82	24
2193	Novel anti-cancer agents based on germacrone: design, synthesis, biological activity, docking studies and MD simulations. 2017 , 7, 3760-3767	11
2192	Imaging techniques in the study of fossil spiders. 2017 , 166, 111-131	7
2191	Analytical modeling of highly tunable giant lateral shift in total reflection of light beams from a graphene containing structure. 2017 , 391, 68-76	49
2190	P-Sulfocalix[6]arene as Nanocarrier for Controlled Delivery of Doxorubicin. 2017 , 12, 679-689	22
2189	Nutrient removal and energy production from aqueous phase of bio-oil generated via hydrothermal liquefaction of algae. 2017 , 230, 43-48	43
2188	Fabrication of TiO ₂ /ZnO nanocomposites for solar energy driven photocatalysis. 2017 , 61, 114-124	61
2187	Cross-cultural validity of Morningness-Eveningness Stability Scale improved (MESSi) in Iran, Spain and Germany. 2017 , 34, 273-279	25
2186	Community Weight Loss to Combat Obesity and Disability in At-Risk Older Adults. 2017 , 72, 1547-1553	33
2185	Al conductive hybrid solid polymer electrolyte. 2017 , 300, 165-168	19
2184	Rotation of hard particles in a soft matrix. 2017 , 101, 285-310	19
2183	Nuclei graph local features for basal cell carcinoma classification in whole slide images. 2017 ,	1
2182	Production of the renewable extremophile lipase: Valuable biocatalyst with potential usage in food industry. 2017 , 102, 153-166	23

2181	Shell-ferromagnetic precipitation in martensitic off-stoichiometric Ni-Mn-In Heusler alloys produced by temper-annealing under magnetic field. 2017 , 127, 117-123	36
2180	Early Minocycline and Late FK506 Treatment Improves Survival and Alleviates Neuroinflammation, Neurodegeneration, and Behavioral Deficits in Prion-Infected Hamsters. 2017 , 14, 463-483	15
2179	Microstrip dual-band bandpass filter with independently tunable passbands using varactor-tuned stub loaded resonators. 2017 , 73, 105-109	15
2178	A high-strength, ductile Al-0.35Sc-0.2Zr alloy with good electrical conductivity strengthened by coherent nanosized-precipitates. 2017 , 33, 215-223	66
2177	Fast heading-rotation-based high-accuracy misalignment angle estimation method for INS and GNSS. 2017 , 102, 208-213	9
2176	A tendril perversion in a helical oligomer: trapping and characterizing a mobile screw-sense reversal. 2017 , 8, 3007-3018	27
2175	Ruthenium(II) bipyridine complexes: from synthesis and crystal structures to electrochemical and cytotoxicity investigation. 2017 , 70, 831-847	12
2174	Rapid synthesis of ethyl cellulose supported platinum nanoparticles for the non-enzymatic determination of HO. 2017 , 164, 102-108	20
2173	Fabrication and assembly of two-dimensional TiO ₂ /WO ₃ ·H ₂ O heterostructures with type II band alignment for enhanced photocatalytic performance. 2017 , 403, 564-571	23
2172	In situ fabrication of copper electrodes on carbon-fiber-reinforced polymer (CFRP) for damage monitoring by printing and flash light sintering. 2017 , 142, 189-197	13
2171	Targetable N-annulated perylene-based colorimetric and ratiometric near-infrared fluorescent probes for the selective detection of hydrogen sulfide in mitochondria, lysosomes, and serum. 2017 , 5, 2172-2180	31
2170	Rapid degradation of azo-dye using Mn-Al powders produced by ball-milling. 2017 , 7, 12620-12628	24
2169	Aquaculture genomics, genetics and breeding in the United States: current status, challenges, and priorities for future research. 2017 , 18, 191	99
2168	Dissection of Regulatory Elements During Direct Conversion of Somatic Cells Into Neurons. 2017 , 118, 3158-3170	5
2167	Community delivery of semiautomated fractal analysis tool in cardiac mr for trabecular phenotyping. 2017 , 46, 1082-1088	12
2166	Occurrence, Characterization, and Antimicrobial Susceptibility of Salmonella enterica in Slaughtered Pigs in Sardinia. 2017 , 82, 969-976	18
2165	Symbiotic performance, nitrogen flux and growth of lima bean (Phaseolus lunatus L.) varieties inoculated with different indigenous strains of rhizobia. 2017 , 73, 117-124	7
2164	A hybrid polymer/oxide/ionic-liquid solid electrolyte for Na-metal batteries. 2017 , 5, 6424-6431	74

2163	CommunicationâA Composite Polymer Electrolyte for Safer Mg Batteries. 2017 , 164, A741-A743	12
2162	Solitons in One-Dimensional Lattices with a Flat Band. 2017 , 529, 1600262	7
2161	Controlled synthesis of TiO 2 nanorod arrays immobilized on ceramic membranes with enhanced photocatalytic performance. 2017 , 43, 7261-7270	25
2160	Cellular and cell-free studies of catalytic DNA cleavage by ruthenium polypyridyl complexes containing redox-active intercalating ligands. 2017 , 8, 3726-3740	26
2159	Pan evaporation paradox and evaporative demand from the past to the future over China: a review. 2017 , 4, e1207	27
2158	Nuclear genetic diversity and population structure of a vulnerable and endemic orchid (<i>Cymbidium tortisepalum</i>) in Northwestern Yunnan, China. 2017 , 219, 22-30	7
2157	Qualitative and quantitative characterization of secondary metabolites and carbohydrates in Bai-Hu-Tang using ultraperformance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry and ultraperformance liquid chromatography coupled with photodiode array detector. 2017 , 25, 946-959	12
2156	Effects of pyrene exposure on immune response and oxidative stress in the pearl oyster, <i>Pinctada martensii</i> . 2017 , 63, 237-244	16
2155	A highly efficient pn junction nanocomposite solar-energy-material [nano-photovoltaic] for direct conversion of water molecules to hydrogen solar fuel. 2017 , 165, 9-16	17
2154	Facile sonochemical synthesis of water-soluble gold nanodots as fluorescent probes for superoxide radical anion detection and cell imaging. 2017 , 9, 1920-1927	7
2153	Mechanism study of biopolymer hair as a coupled thermo-water responsive smart material. 2017 , 26, 035023	13
2152	Extracellular renalase protects cells and organs by outside-in signalling. 2017 , 21, 1260-1265	24
2151	Periodic Potential Oscillation during Oxygen Evolution Catalyzed by Manganese Oxide at Constant Current. 2017 , 164, E78-E83	11
2150	FuGePrior: A novel gene fusion prioritization algorithm based on accurate fusion structure analysis in cancer RNA-seq samples. 2017 , 18, 58	5
2149	Ionic liquids as green and sustainable corrosion inhibitors for metals and alloys: An overview. 2017 , 233, 403-414	294
2148	Direct aqueous measurement of 25-hydroxyvitamin D levels in a cellular environment by LC-MS/MS using the novel chemical derivatization reagent MDBP. 2017 , 409, 2705-2714	2
2147	Buoyancy Effect on the Flow Pattern and the Thermal Performance of an Array of Circular Cylinders. 2017 , 139,	11
2146	Comparison of machine learning methods for classifying mediastinal lymph node metastasis of non-small cell lung cancer from F-FDG PET/CT images. 2017 , 7, 11	136

2145	Piezoelectric BaTiO ₃ /alginate spherical composite beads for energy harvesting and self-powered wearable flexion sensor. 2017 , 142, 65-78	59
2144	Comprehensive utilization of activated sludge for the preparation of hydrolytic enzymes, polyhydroxyalkanoates, and water-retaining organic fertilizer. 2017 , 47, 611-618	12
2143	Investigation of diethylstilbestrol residue level in human urine samples by a specific monoclonal antibody. 2017 , 24, 7042-7050	8
2142	Effects of sodium salts on the sulfidation of lead smelting slag. 2017 , 108, 1-11	20
2141	Large-scale patterns of distribution and diversity of terrestrial nematodes. 2017 , 114, 161-169	48
2140	Optimising nitrogen fertilisation: A key to improving nitrogen-use efficiency and minimising nitrate leaching losses in an intensive wheat/maize rotation (2008-2014). 2017 , 206, 1-10	103
2139	Facile synthesis and characterization of core-shell structured Ag ₃ PO ₄ @Hal nanocomposites for enhanced photocatalytic properties. 2017 , 141, 132-137	13
2138	Molecular characterization and expression analysis of toll-like receptors 5 and 22 from natural triploid <i>Carassius auratus</i> . 2017 , 64, 1-13	12
2137	An overview of recent developments in metabolomics and proteomics in phytotherapeutic research perspectives. 2017 , 10, 1-37	10
2136	Interaction of femtosecond laser pulses with plants: towards distinguishing weeds and crops using plasma temperature. 2017 , 64, 942-947	4
2135	Carbon dot as a unique reinforcing filler for polymer with special reference to physico-mechanical properties. 2017 , 112, 189-200	23
2134	The hybrid wireless and fiber optic sensor system. 2017 ,	
2133	Effect of carbonate substitution on physicochemical and biological properties of silver containing hydroxyapatites. 2017 , 74, 124-130	22
2132	Micro-Raman spectroscopy and complementary techniques (hXRF, VP-SEM-EDS, FTIR and Py-GC/MS) applied to the study of beads from the Kongo Kingdom (Democratic Republic of the Congo). 2017 , 48, 1468-1478	30
2131	Brain fingerprints of olfaction: a novel structural method for assessing olfactory cortical networks in health and disease. <i>Scientific Reports</i> , 2017 , 7, 42534	4-9 39
2130	Changes in the thermal and structural properties of maize starch during nixtamalization and tortilla-making processes as affected by grain hardness. 2017 , 74, 72-78	26
2129	Caesium-rich micro-particles: A window into the meltdown events at the Fukushima Daiichi Nuclear Power Plant. <i>Scientific Reports</i> , 2017 , 7, 42731	4-9 66
2128	The Efficacy of Immediate Implant Placement in Extraction Sockets for Alveolar Bone Preservation: A Clinical Evaluation Using Three-Dimensional Cone Beam Computerized Tomography and Resonance Frequency Analysis Value. 2017 , 28, e318-e325	7

2127	Raman Spectroscopy of Blood and Blood Components. 2017 , 71, 767-793		121
2126	Ultra-wideband RCS reduction of microstrip antenna array by optimised multi-element metasurface. 2017 , 53, 520-522		11
2125	3D printed polymer dielectric substrates with enhanced permittivity by nanoclay inclusion. 2017 , 12, 107-115		15
2124	Aromatic cage-like B46: existence of the largest decagonal holes in stable atomic clusters. 2017 , 7, 22243-22247		18
2123	Shh...babies growing: A clinical practice guideline for reducing noise level in the neonatal intensive care unit. 2017 , 23, 199-203		1
2122	Concentration dependent switch in the kinetic pathway of lysozyme fibrillation: Spectroscopic and microscopic analysis. 2017 , 183, 187-194		11
2121	Constructed wetland integrated microbial fuel cell system: looking back, moving forward. 2017 , 76, 471-477		26
2120	From Nano to Micro: using nanotechnology to combat microorganisms and their multidrug resistance. 2017 , 41, 302-322		116
2119	Tryptophan end-tagging for promoted lipopolysaccharide interactions and anti-inflammatory effects. <i>Scientific Reports</i> , 2017 , 7, 212	4-9	8
2118	Two decades of antifilarial drug discovery: a review. 2017 , 7, 20628-20666		9
2117	SERS detection of the biomarker hydrogen cyanide from <i>Pseudomonas aeruginosa</i> cultures isolated from cystic fibrosis patients. <i>Scientific Reports</i> , 2017 , 7, 45264	4-9	21
2116	Effect of surface topography and wettability on the Leidenfrost effect. 2017 , 9, 6219-6236		31
2115	Persistent Radicals of Self-assembled Benzophenone bis-Urea Macrocycles: Characterization and Application as a Polarizing Agent for Solid-state DNP MAS Spectroscopy. 2017 , 23, 8315-8319		8
2114	Endocrine Imbalance Associated With Proteome Changes in Diabetes. 2017 , 118, 3569-3576		
2113	Biochemicals. 2017 , 141-183		
2112	A strategy to identify and quantify closely related adulterant herbal materials by mass spectrometry-based partial least squares regression. 2017 , 977, 28-35		27
2111	An experimentally validated method for temperature prediction during cyclic operation of a Li-ion cell. 2017 , 112, 89-96		16
2110	Dynamic focusing of acoustic wave utilizing a randomly scattering lens and a single fixed transducer. 2017 , 121, 174901		4

2109	MicroRNAs in injury and repair. 2017 , 91, 2781-2797	21
2108	Pure and Co doped CeO ₂ nanostructure electrodes with enhanced electrochemical performance for energy storage applications. 2017 , 43, 10494-10501	26
2107	Functional diversity and composition of bryophyte water-related traits in Azorean native vegetation. 2017 , 10, 127-137	6
2106	Triboluminescence of Lanthanide Coordination Polymers with Face-to-Face Arranged Substituents. 2017 , 56, 7171-7175	39
2105	Spectra and magneto optical behavior of CeO ₂ doped heavy metal diamagnetic glass. 2017 , 470, 70-77	21
2104	Vinylidene fluoride- and trifluoroethylene-containing fluorinated electroactive copolymers. How does chemistry impact properties?. 2017 , 72, 16-60	114
2103	Characterization of silver/carbon nanocomposite synthesized by non-electrolytic technique using surface plasma. 2017 , 196, 288-294	
2102	Green synthesis with incorporated hydrothermal approaches for silver nanoparticles formation and enhanced antimicrobial activity against bacterial and fungal pathogens. 2017 , 238, 263-269	59
2101	The role of ceramic and glass science research in meeting societal challenges: Report from an NSF-sponsored workshop. 2017 , 100, 1777-1803	17
2100	Microbial processes driving coral reef organic carbon flow. 2017 , 41, 575-595	39
2099	Timing, Displacement and Growth Pattern of the Altyn Tagh Fault: A Review. 2017 , 91, 669-687	5
2098	Significant photoinduced increment of reflectivity coefficient in LiNa ₅ Mo ₉ O ₃₀ . 2017 , 17, 1100-1107	2
2097	Spatial patterns and correlations of lead concentrations in soil, leaf vegetables and human hair in the Pearl River Delta region, South China. 2017 , 179, 1-8	6
2096	Reinforcing nanomedicine using graphene family nanomaterials. 2017 , 255, 218-230	34
2095	Characterization of OXA-48-like-producing Enterobacteriaceae isolated from river water in Algeria. 2017 , 120, 185-189	43
2094	Layer-engineered I-V characteristics of p-Si/WS ₂ Van der Waals Heterostructure diode. 2017 , 132, 1	15
2093	Dehydration of Glucose to 5-Hydroxymethylfurfural Using LaOCl/Nb ₂ O ₅ Catalysts in Hot Compressed Water Conditions. 2017 , 147, 1765-1774	15
2092	Tape casting fabrication and properties of planar waveguide YAG/Yb:YAG/YAG transparent ceramics. 2017 , 69, 169-174	10

2091	Synthesis, growth mechanism, optical properties and catalytic activity of ZnO microcrystals obtained via hydrothermal processing. 2017 , 7, 24263-24281	38
2090	Limits on the use of cobalt sulfide as anode of p-type dye-sensitized solar cells. 2017 , 50, 215501	7
2089	The current state of knowledge on the neuroactive compounds that affect the development, mating and reproduction of spiders (Araneae) compared to insects. 2017 , 17, 4	6
2088	Primary cortical neurons on PMCS TiO films towards bio-hybrid memristive device: A morpho-functional study. 2017 , 229, 115-122	8
2087	New Synthetic Methods for Phosphate Labeling. 2017 , 375, 51	6
2086	Do microRNAs play a role in the activity of plant-based vaccines?. 2017 , 16, 529-533	
2085	First record of the goblin shark, Mitsukurina owstoni, (Mitsukurinidae) with notes on its distribution. 2017 , 57, 329-332	0
2084	In vitro and in vivo anti-uvéal melanoma activity of JSL-1, a novel HDAC inhibitor. 2017 , 400, 47-60	27
2083	Potential dependent tuning of magnetic and structural properties of electrodeposited NiZn nanowires in Al ₂ O ₃ templates. 2017 , 441, 696-701	6
2082	Pt electrocatalyst supported on metal ion-templated hierarchical porous nitrogen-doped carbon from chitosan for methanol electrooxidation. 2017 , 248, 99-107	14
2081	Magnetic mapping of iron in rodent spleen. 2017 , 13, 977-986	9
2080	Review: Fullerene based acceptors for efficient bulk heterojunction organic solar cell applications. 2017 , 161, 102-148	191
2079	Mercury exposure and source tracking in distinct marine-caged fish farm in southern China. 2017 , 220, 1138-1146	23
2078	Biodegradation of organic matter and anodic microbial communities analysis in sediment microbial fuel cells with/without Fe(III) oxide addition. 2017 , 225, 402-408	57
2077	Evaluation of the Electrochemical Characterizations of Lithium-Ion Battery (LIB) Slurry with 10-Parameter Electrical Equivalent Circuit (EEC). 2017 , 164, A8-A17	10
2076	Electrospun manganese (III) oxide nanofiber based electrochemical DNA-nanobiosensor for zeptomolar detection of dengue consensus primer. 2017 , 90, 378-387	81
2075	Supramolecular Structures Formation of Polyoxometalates in Solution Driven by Counterion-Macroion Interaction. 2017 , 29-65	5
2074	Mesenchymal Stem Cell-based Therapy as a New Horizon for Kidney Injuries. 2017 , 48, 133-146	31

- 2073 Enhanced lithium ionic intercalation and conduction performance of flexible iron oxide films using an atmospheric pressure plasma jet. **2017**, 21, 2185-2200
- 2072 Milk miRNAs encapsulated in exosomes are stable to human digestion and permeable to intestinal barrier in vitro. **2017**, 34, 431-439 49
- 2071 Structure identification and IO space partitioning in a nonlinear fuzzy system for prediction of patient survival after surgery. **2017**, 10, 166-182 2
- 2070 miRNAs: The hidden bioactive component of milk. **2017**, 65, 94-102 7
- 2069 Thermal Properties of Graphene Filled Polymer Composite Thermal Interface Materials. **2017**, 302, 1700068 48
- 2068 Differential growth promotion of poplar and birch inoculated with three dark septate endophytes in two trace element-contaminated soils. **2017**, 19, 1118-1125 26
- 2067 Optimization of poly(vinylidene fluoride) membranes for enhanced power density of thermally driven electrochemical cells. **2017**, 52, 10353-10363 4
- 2066 Pattern formation in diffusive excitable systems under magnetic flow effects. **2017**, 381, 2264-2271 37
- 2065 Spectra-structure correlations of saturated and unsaturated medium-chain fatty acids. Near-infrared and anharmonic DFT study of hexanoic acid and sorbic acid. **2017**, 185, 35-44 36
- 2064 Thymoquinone exerts neuroprotective effect in animal model of Parkinson's disease. **2017**, 276, 108-114 41
- 2063 Optical Properties of Gold Nanoparticle Assemblies on a Glass Surface. **2017**, 12, 348 26
- 2062 Multi-scale Factors and Processes Controlling Selenium Distributions in Soils. **2017**, 3-20 2
- 2061 Finite element analysis of the Poisson-Boltzmann equation coupled with chemical equilibriums: redistribution and transport of protons in nanophase separated polymeric acid-base proton exchange membranes. **2017**, 43, 1307-1314 2
- 2060 Numerical model of the sorting of biological cells based on gravity-driven optoelectronic tweezers. **2017**, 31, 2451-2457
- 2059 Experimental evaluation of CO₂ enhanced recovery of adsorbed-gas from shale. **2017**, 179, 211-218 69
- 2058 Acute hypoxic stress: Effect on blood parameters, antioxidant enzymes, and expression of HIF-1 α and GLUT-1 genes in largemouth bass (*Micropterus salmoides*). **2017**, 67, 449-458 50
- 2057 Ultrathin hollow-structured NiCo₂O₄ nanorod supported on improved N-doped graphene for superior supercapacitor applications. **2017**, 722, 903-912 19
- 2056 Preparation, spectroscopic and structural study of copper(II) complexes derived from bulky pyridine ligands. **2017**, 134, 107-113 9

2055	Sensitive detection of sulfide based on the self-assembly of fluorescent silver nanoclusters on the surface of silica nanospheres. 2017 , 174, 387-393	52
2054	A Review of Silver Nanoparticles: Research Trends, Global Consumption, Synthesis, Properties, and Future Challenges. 2017 , 64, 732-756	179
2053	A purely green synthesis of silver nanoparticles using <i>Carica papaya</i> , <i>Manihot esculenta</i> , and <i>Morinda citrifolia</i> : synthesis and antibacterial evaluations. 2017 , 40, 1349-1361	26
2052	In situ fabrication of Bi ₂ O ₂ CO ₃ /MoS ₂ on carbon nanofibers for efficient photocatalytic removal of NO under visible-light irradiation. 2017 , 217, 224-231	67
2051	Current trends in electrochemical sensing and biosensing of DNA methylation. 2017 , 97, 384-399	36
2050	Influence of surface chemistry of carbon materials on their interactions with inorganic nitrogen contaminants in soil and water. 2017 , 184, 532-547	31
2049	Enhanced biocompatibility and long-term durability in vivo of Mg-Nd-Zn-Zr alloy for vascular stent application. 2017 , 720, 245-253	23
2048	Preferred orientation and interfacial structure in extruded nano-Al ₃ BC/6061 Al. 2017 , 131, 23-31	24
2047	Synthesis of cationically charged photoluminescent coinage metal nanoclusters by sputtering over a liquid polymer matrix. 2017 , 41, 6828-6833	10
2046	Health care utilization among young Australian women with severe tiredness: Results from the Australian Longitudinal Study on Women's Health (ALSWH). 2017 , 38, 983-995	1
2045	Theoretical study on the mechanism and selectivity of asymmetric cycloaddition reactions of 3-vinylindole catalyzed by chiral N,N'-dioxide-Ni(II) complex. 2017 , 298, 130-137	7
2044	Three-dimensional ordered macroporous Cu/Fe ₃ O ₄ composite as binder-free anode for lithium-ion batteries. 2017 , 719, 203-209	15
2043	Independent contributions of fMRI familiarity and novelty effects to recognition memory and their stability across the adult lifespan. 2017 , 156, 340-351	18
2042	Theoretical and experimental investigation of magnetic resonance on the Cs hyperfine structure. 2017 , 381, 2344-2349	9
2041	Thermo-electrochemical cells for waste heat harvesting - progress and perspectives. 2017 , 53, 6288-6302	136
2040	Synthesis and insecticidal activities of 1,8-naphthyridine derivatives. 2017 , 28, 1723-1726	10
2039	Synthesis and characterization of sulfophenyl-functionalized reduced graphene oxide sheets. 2017 , 7, 27224-27234	215
2038	Review of Flexible Temperature Sensing Networks for Wearable Physiological Monitoring. 2017 , 6, 1601371	124

2037	Triboluminescence of Lanthanide Coordination Polymers with Face-to-Face Arranged Substituents. 2017 , 129, 7277-7281	8
2036	3D Printing of Polymer Nanocomposites via Stereolithography. 2017 , 302, 1600553	207
2035	Remediation of heavy metal contaminated soils by using <i>Solanum nigrum</i> : A review. 2017 , 143, 236-248	85
2034	Poly(l-lactide) melt spun fiber-aligned scaffolds coated with collagen or chitosan for guiding the directional migration of osteoblasts in vitro. 2017 , 5, 5176-5188	20
2033	Easy synthesis of TiO ₂ /g-C ₃ N ₄ heterostructure photocatalyst with large surface area and excellent photocatalytic activity. 2017 , 43, S664-S670	27
2032	Experimental, quantum chemical and molecular dynamic simulations studies on the corrosion inhibition of mild steel by some carbazole derivatives. <i>Scientific Reports</i> , 2017 , 7, 2436	4-9 51
2031	Aflatoxins contamination of maize in Serbia: the impact of weather conditions in 2015. 2017 , 34, 1999-2010	39
2030	Interactive effects of seasonal drought and elevated atmospheric carbon dioxide concentration on prokaryotic rhizosphere communities. 2017 , 19, 3175-3185	9
2029	A dielectric anomaly observed for doubly reduced mixed-valence polyoxometalate. 2017 , 53, 6824-6827	9
2028	Adaptive Patterns of Mitogenome Evolution Are Associated with the Loss of Shell Scutes in Turtles. 2017 , 34, 2522-2536	11
2027	Improvement of efficiency in graphene/gallium nitride nanowire on Silicon photoelectrode for overall water splitting. 2017 , 422, 354-358	21
2026	Nanosensor Technology Applied to Living Plant Systems. 2017 , 10, 113-140	102
2025	Structural analysis and enhanced photoluminescence via host sensitization from a lanthanide doped BiVO ₄ nano-phosphor. 2017 , 110, 211-217	21
2024	Seeing the wood for the trees: a forest of methods for optimization and omic-network integration in metabolic modelling. 2018 , 19, 1218-1235	23
2023	Regulatory effects of autophagy on spermatogenesis. 2017 , 96, 525-530	36
2022	Tracking the β martensite decomposition during continuous heating of a Ti-6Al-6V-2Sn alloy. 2017 , 135, 132-143	35
2021	Synthesis and photocatalytic performance of reduced graphene oxide-TiO ₂ nanocomposites for orange II degradation under UV light irradiation. 2017 , 24, 12416-12425	22
2020	The Inhibitory Effect of C-phycoyanin Containing Protein Extract (C-PC Extract) on Human Matrix Metalloproteinases (MMP-2 and MMP-9) in Hepatocellular Cancer Cell Line (HepG2). 2017 , 36, 186-195	14

2019	Enhanced electroactive phase of the sonication-process-derived PVDF-activated carbon composite film for efficient energy conversion and a battery-free acceleration sensor. 2017 , 5, 4833-4844	48
2018	Quantitative targeted metabolomics for 15d-deoxy- β -2, 14-PGJ2 (15d-PGJ2) by MALDI-MS. 2017 , 22, 100-106	2
2017	100 years public-private partnership in metallurgical and materials science research. 2017 , 20, 335-337	
2016	CDK12 regulates alternative last exon mRNA splicing and promotes breast cancer cell invasion. 2017 , 45, 6698-6716	75
2015	NMR-based metabolomic analysis of wild, greenhouse, and in vitro regenerated shoots of subsp. with GC-MS assessment of proximadiol. 2017 , 23, 369-383	9
2014	Identification of penetration path and deposition distribution of radionuclides in houses by experiments and numerical model. 2017 , 140, 127-131	2
2013	Homeostasis Back and Forth: An Ecoevolutionary Perspective of Cancer. 2017 , 7,	31
2012	Linking magnetite in the abdomen of honey bees to a magnetoreceptive function. 2017 , 284,	16
2011	Microbiome effects on immunity, health and disease in the lung. 2017 , 6, e133	151
2010	Monolithic polydimethylsiloxane-modified silica composites prepared by a low-temperature sol-gel micromolding technique for controlled drug release. 2017 , 114, 136-145	5
2009	Effects of atmospheric-pressure non-thermal bio-compatible plasma and plasma activated nitric oxide water on cervical cancer cells. <i>Scientific Reports</i> , 2017 , 7, 45781	4-9 73
2008	EBG-inspired reconfigurable patch antenna for frequency diversity application. 2017 , 76, 52-59	11
2007	Effects of carbon nanotube reinforcement and grain size refinement mechanical properties and wear behaviors of carbon nanotube/copper composites. 2017 , 74, 197-204	28
2006	Recycling of rare earths from lamp phosphor waste: Enhanced dissolution of LaPO ₄ :Ce ³⁺ , Tb ³⁺ by mechanical activation. 2017 , 156, 226-234	37
2005	Potential of angiotensin II receptor blockers in the treatment of diabetic retinopathy. 2017 , 176, 1-9	11
2004	Photosensitization of TiO ₂ nanofibers by Ag ₂ S with the synergistic effect of excess surface Ti states for enhanced photocatalytic activity under simulated sunlight. <i>Scientific Reports</i> , 2017 , 7, 255	4-9 39
2003	Cycloartane triterpenoid saponins from the herbs of <i>Thalictrum fortunei</i> . 2017 , 445, 1-6	3
2002	Tuning the electro-chemical properties by selectively substituting transition metals on carbon in Ni/Co oxide-carbon composite electrodes for supercapacitor devices. 2017 , 41, 3562-3573	17

2001	The future of evapotranspiration: Global requirements for ecosystem functioning, carbon and climate feedbacks, agricultural management, and water resources. 2017 , 53, 2618-2626		344
2000	PLA2 Polymorphism in Glycoprotein IIb/IIIa Modulates the Morphology and Nanomechanics of Platelets. 2017 , 23, 951-960		4
1999	Synthesis of multifunctional upconversion NMOFs for targeted antitumor drug delivery and imaging in triple negative breast cancer cells. 2017 , 319, 200-211		52
1998	Spinal cord grey matter segmentation challenge. 2017 , 152, 312-329		64
1997	Negative regulators of the RIG-I-like receptor signaling pathway. 2017 , 47, 615-628		54
1996	Hydrothermal karst and associated breccias in Neoproterozoic limestone from the Barker-Villa Caciue area (Tandilia belt), Argentina. 2017 , 76, 182-197		7
1995	A cybernetic eye for rare disease. 2017 , 1,		5
1994	Biogenic silver nanoparticles based on trichoderma harzianum: synthesis, characterization, toxicity evaluation and biological activity. <i>Scientific Reports</i> , 2017 , 7, 44421	4-9	107
1993	Neuronal entry and high neurotoxicity of botulinum neurotoxin A require its N-terminal binding sub-domain. <i>Scientific Reports</i> , 2017 , 7, 44474	4-9	5
1992	Pharmacological inhibition of the spliceosome subunit SF3b triggers exon junction complex-independent nonsense-mediated decay. 2017 , 130, 1519-1531		15
1991	Nanoemulgel using a bicephalous heterolipid as a novel approach to enhance transdermal permeation of tenofovir. 2017 , 154, 221-227		9
1990	(Photo) Electrochemical studies of chemically deposited h-CdS thin films. 2017 , 138, 192-199		4
1989	Strengthening mechanisms of nano-grained commercial pure titanium processed by accumulative roll bonding. 2017 , 693, 164-169		31
1988	Simultaneous determination of nickel and iron in vegetables of Solanaceae family using high-resolution continuum source graphite furnace atomic absorption spectrometry and direct solid sample analysis. 2017 , 133, 162-167		22
1987	Paleo-climatic and paleo-environmental evolution of the Neoproterozoic basal sedimentary cover on the R ^o de La Plata Craton, Argentina: Insights from the $\delta^{13}C$ chemostratigraphy. 2017 , 353, 139-157		15
1986	What are cultural attractors?. 2017 , 32, 377-394		23
1985	SERS substrates fabricated using ceramic filters for the detection of bacteria: Eliminating the citrate interference. 2017 , 180, 161-167		12
1984	Influence of anisotropic grains (platelets) on the microstructure and uniaxial compressive response of ice-templated sintered alumina scaffolds. 2017 , 125, 1-14		32

1983	A multi-aromatic hydrocarbon unit induced hydrophobic metal-organic framework for efficient C2/C1 hydrocarbon and oil/water separation. 2017 , 5, 1168-1175	83
1982	Effects of functionality and textural characteristics on the removal of Cd(II) by ammoniated and chlorinated nanoporous activated carbon. 2017 , 19, 1022-1035	14
1981	Photocatalytic degradation of levofloxacin in aqueous phase using Ag/AgBr/BiOBr microplates under visible light. 2017 , 88, 148-155	63
1980	Assessing correlations between monomethylmercury accumulation in fish and trophic states of artificial temperate reservoirs. 2017 , 580, 912-919	5
1979	Spatial investigation of plasma emission from laminar diffusion methanol, ethanol, and n-propanol alcohol flames using LIBS method. 2017 , 123, 1	4
1978	Facile synthesis of NiCo2S4 spheres with granular core used as supercapacitor electrode materials. 2017 , 28, 5686-5695	12
1977	Click chemistry synthesis, stereocomplex formation, and enhanced thermal properties of well-defined poly(L-lactic acid)-b-poly(D-lactic acid) stereo diblock copolymers. 2017 , 8, 1006-1016	43
1976	Biological and related applications of pillar[n]arenes. 2017 , 53, 677-696	127
1975	Factors affecting the mechanical behavior of collagen hydrogels for skin tissue engineering. 2017 , 69, 85-97	18
1974	Myocardial Tissue Engineering: A 5 Year Update. 2017 , 197-209	
1973	Cellular engineering for therapeutic protein production: product quality, host modification, and process improvement. 2017 , 12, 1600105	50
1972	Two-dimensional transition metal diseleniums for energy storage application: a review of recent developments. 2017 , 19, 404-418	108
1971	Distinct Fragmentation Pathways of Anticancer Drugs Induced by Charge-Carrying Cations in the Gas Phase. 2017 , 28, 628-637	3
1970	A theoretical study of molecular structure, optical properties and bond activation of energetic compound FOX-7 under intense electric fields. 2017 , 483-484, 122-131	9
1969	A new correlation of Triassic-Jurassic boundary successions in NW Europe, Nevada and Peru, and the Central Atlantic Magmatic Province: A time-line for the end-Triassic mass extinction. 2017 , 478, 80-102	73
1968	Discoidin domain receptor 1 kinase activity is required for regulating collagen IV synthesis. 2017 , 57-58, 258-271	29
1967	Generalized spatial Talbot effect based on all-dielectric metasurfaces. 2017 , 384, 25-29	
1966	Single-source PPG-based local pulse wave velocity measurement: a potential cuffless blood pressure estimation technique. 2017 , 38, 2122-2140	34

1965	SUSTAINABILITY NARROWNESS. 2017 , 20, 1750013		5
1964	Optimization of Agrobacterium-mediated transient expression of heterologous genes in spinach. 2017 , 11, 397-405		4
1963	Chemotherapeutic efficacies of a clofazimine and diminazene aceturate combination against piroplasm parasites and their AT-rich DNA-binding activity on Babesia bovis. <i>Scientific Reports</i> , 2017 , 7, 13888	4.9	21
1962	All-solid-state flexible asymmetric supercapacitors with high energy and power densities based on NiCo2S4@MnS and active carbon. 2017 , 26, 1260-1266		40
1961	Improved immunomodulatory and antioxidant properties of unrefined fucoidans from by hydrolysis. 2017 , 54, 4016-4025		12
1960	Novel visible-light-driven BiFeO3-Bi2WO6 nanocomposites toward degradation of dyes. 2017 , 349, 183-192		29
1959	Synthesis and application of sulfonated polystyrene/ferrosferric oxide/diazoresin nanocomposite microspheres for highly selective removal of dyes. 2017 , 135, 333-342		29
1958	Determining molecular orientation via single molecule SERS in a plasmonic nano-gap. 2017 , 9, 17415-17421		28
1957	Variability of lightning activity over India on ENSO time scales. 2017 , 60, 2379-2388		8
1956	The Wheat Microbiome Under Four Management Strategies, and Potential for Endophytes in Disease Protection. 2017 , 1, 158-168		73
1955	Facile synthesis route of graphene-like structures from multiwall carbon nanotubes. 2017 , 25, 540-544		6
1954	Sampling of temporal networks: Methods and biases. 2017 , 96, 052302		18
1953	Nivolumab in patients with advanced gastric or gastro-oesophageal junction cancer refractory to, or intolerant of, at least two previous chemotherapy regimens (ONO-4538-12, ATTRACTION-2): a randomised, double-blind, placebo-controlled, phase 3 trial. 2017 , 390, 2461-2471		1123
1952	Systematic Moiety Variations of Ultrashort Peptides Produce Profound Effects on Self-Assembly, Nanostructure Formation, Hydrogelation, and Phase Transition. <i>Scientific Reports</i> , 2017 , 7, 12897	4.9	21
1951	Beneath the hairy look: the hidden reproductive diversity of the Gibsmithia hawaiiensis complex (Dumontiaceae, Rhodophyta). 2017 , 53, 1171-1192		7
1950	Modeling the Dynamics of Heterogeneity of Solid Tumors in Response to Chemotherapy. 2017 , 79, 2986-3012		11
1949	Metastability for discontinuous dynamical systems under L ² by noise: Case study on Amazonian Vegetation. <i>Scientific Reports</i> , 2017 , 7, 9336	4.9	12
1948	Frequency conversion induced by time-space modulated media. 2017 , 96,		17

1947	Toxicity of nanomaterials found in human environment: A literature review. 2017 , 1, 239784731772635	41
1946	MEG Insight into the Spectral Dynamics Underlying Steady Isometric Muscle Contraction. 2017 , 37, 10421-10433	30
1945	Taxonomy of Korean Bactrocera (Diptera: Tephritidae: Dacinae) with review of their biology. 2017 , 20, 1321-1332	6
1944	Effect of CNTs blending on the structural, dielectric and magnetic properties of nanosized cobalt ferrite. 2017 , 226, 199-205	11
1943	Controlled synthesis of one-dimensional BiOBr with exposed (110) facets and enhanced photocatalytic activity. 2017 , 19, 6473-6480	41
1942	Green synthesis of mesoporous anatase TiO ₂ nanoparticles and their photocatalytic activities. 2017 , 7, 48083-48094	74
1941	Anab initiostudy on the investigation of structural, electronic, mechanical and lattice dynamical properties of theM2AXtypeMAXphases Sc ₂ AlB _{0.5} Co _{0.5} , Sc ₂ AlB _{0.5} N _{0.5} and Sc ₂ AlCo _{0.5} N _{0.5} compounds. 2017 , 4, 106520	9
1940	A functional analysis of TOEFAZ1 uncovers protein domains essential for cytokinesis in. 2017 , 130, 3918-3932	12
1939	Coveting the successful neighbor promotes the cooperation for the spatial public goods game on two-layered lattices. 2017 , 105, 29-37	3
1938	Curious Catalytic Characteristics of Al ₁₀ Fe Quasicrystal for De/Rehydrogenation of MgH ₂ . 2017 , 121, 24936-24944	21
1937	Ultrafast charge transfer dynamics pathways in two-dimensional MoS ₂ -graphene heterostructures: a core-hole clock approach. 2017 , 19, 29954-29962	23
1936	Bioformulation of silver nanoparticles as berberine carrier cum anticancer agent against breast cancer. 2017 , 41, 14466-14477	23
1935	Basins of attraction of the bistable region of time-delayed cutting dynamics. 2017 , 96, 032205	14
1934	Effect of Minor Yttrium on Microstructure and Mechanical Properties of Bioimplant Mg-5Zn Alloy. 2017 , 26, 5590-5598	4
1933	Firefly-mimicking intensive and long-lasting chemiluminescence hydrogels. 2017 , 8, 1003	62
1932	The effect of salicylic and jasmonic acids on tomato physiology and tolerance to Cucumber mosaic virus (CMV). 2017 , 151, 101	1
1931	Long-term passive acoustic recordings track the changing distribution of North Atlantic right whales (<i>Eubalaena glacialis</i>) from 2004 to 2014. <i>Scientific Reports</i> , 2017 , 7, 13460	4-9 75
1930	Effect of Hydraulic Retention Time on the Performance of High-Rate Activated Sludge System: a Pilot-Scale Study. 2017 , 228, 1	15

1929	Dynamical response, information transition and energy dependence in a neuron model driven by autapse. 2017 , 90, 2893-2902	19
1928	Foldamer-Mediated Structural Rearrangement Attenuates A β Oligomerization and Cytotoxicity. 2017 , 139, 17098-17108	35
1927	Identification of the direct regulon of NtcA during early acclimation to nitrogen starvation in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. 2017 , 45, 11800-11820	51
1926	Transcription Factors Associated with Abiotic Stress and Fruit Development in Oil Palm. 2017 , 71-99	4
1925	The electrocatalytic performance of carbon ball supported RhCo alloy nanocrystals for the methanol oxidation reaction in alkaline media. 2017 , 371, 129-135	15
1924	Where Seaweed Forests Meet Animal Forests: The Examples of Macroalgae in Coral Reefs and the Mediterranean Coralligenous Ecosystem. 2017 , 369-396	3
1923	Efficient in situ growth of platinum nanoclusters on the surface of Fe ₃ O ₄ for the detection of latent fingerprints. 2017 , 52, 13455-13465	12
1922	Responses of different physiological parameter thresholds to soil water availability in four plant species during prolonged drought. 2017 , 247, 311-319	21
1921	Wearable thermoelectric generator for harvesting heat on the curved human wrist. 2017 , 205, 710-719	45
1920	Enhanced intervalley scattering of aluminum oxide-deposited graphene. 2017 , 124, 188-192	7
1919	TGF- β presenting enzymatically cross-linked injectable hydrogels for improved chondrogenesis. 2017 , 159, 838-848	27
1918	Ferroelectric Behavior of Organic Terahertz Radiating DAST Crystal. 2017 , 27, 1870-1877	5
1917	<i>Lactococcus lactis</i> as a safe and inexpensive source of bioactive silver composites. 2017 , 101, 7141-7153	33
1916	Self-assembly of polyelectrolyte complexes microcapsules with natural polysaccharides for sustained drug release. 2017 , 24, 4949-4962	12
1915	Nutritional status, brain network organization, and general intelligence. 2017 , 161, 241-250	17
1914	Controlled, synchronized actuation of microdroplets by gravity in a superhydrophobic, 3D-printed device. 2017 , 988, 50-57	8
1913	Investigation on polyethylene supported poly(butyl methacrylate-acrylonitrile-styrene) terpolymer based gel electrolyte reinforced by doping nano-SiO ₂ for high voltage lithium ion battery. 2017 , 251, 145-154	19
1912	Dance expertise modulates visual sensitivity to complex biological movements. 2017 , 104, 168-181	15

1911	LDH(Mg/Al:2)@montmorillonite nanocomposite as a novel anion-exchanger to adsorb uranyl ion from carbonate-containing solutions. 2017 , 314, 415-427			9
1910	Macro/mesoporous SiOC ceramics of anisotropic structure for cryogenic engineering. 2017 , 134, 207-217			16
1909	Optimization of fermentation conditions for the production of curcumin by engineered. 2017 , 14,			26
1908	Synthesis, structural and spectroscopic features, and investigation of bioactive nature of a novel organic-inorganic hybrid material 1H-1,2,4-triazole-4-ium trioxonitrate. 2017 , 1150, 242-257			34
1907	The potential role of in silico approaches to identify novel bioactive molecules from natural resources. 2017 , 9, 1665-1686			20
1906	Anti-inflammatory (M2) macrophage media reduce transmission of oligomeric amyloid beta in differentiated SH-SY5Y cells. 2017 , 60, 173-182			15
1905	Improving sensing sensitivity of Er/Yb co-doped NaYF ₄ nanorods via selecting non-thermally-coupled levels. 2017 , 28, 18551-18557			7
1904	Structural modifications in sub-T _g annealed CuZr-based metallic glass. 2017 , 707, 245-252			13
1903	On the chemistry of 1-pyrroline in solution and in the gas phase. <i>Scientific Reports</i> , 2017 , 7, 7675	4-9		1
1902	Structural studies of advanced functional materials by synchrotron-based x-ray absorption spectroscopy: BL5.2 at SLRI, Thailand. 2017 , 8, 035007			24
1901	Improved electrode materials for Li-ion batteries using microscale and sub-micrometer scale porous materials - A review. 2017 , 729, 463-474			13
1900	Correlating tephtras and cryptotephtras using glass compositional analyses and numerical and statistical methods: Review and evaluation. 2017 , 175, 1-44			57
1899	Physical and Pharmacokinetic Characterizations of trans-Resveratrol (t-Rev) Encapsulated with Self-Assembling Lecithin-based Mixed Polymeric Micelles (saLMPMs). <i>Scientific Reports</i> , 2017 , 7, 10674	4-9		11
1898	Connected Gene Communities Underlie Transcriptional Changes in Cornelia de Lange Syndrome. 2017 , 207, 139-151			16
1897	The homothallic mating-type locus of the conifer needle endophyte <i>Phialocephala scopiformis</i> DAOMC 229536 (order Helotiales). 2017 , 121, 1011-1024			3
1896	Fast charging self-powered wearable and flexible asymmetric supercapacitor power cell with fish swim bladder as an efficient natural bio-piezoelectric separator. 2017 , 40, 633-645			65
1895	Photothermal enhancement of chemotherapy in breast cancer by visible irradiation of Gold Nanoparticles. <i>Scientific Reports</i> , 2017 , 7, 10872	4-9		97
1894	Molecular determinants of proton selectivity and gating in the red-light activated channelrhodopsin Chrimson. <i>Scientific Reports</i> , 2017 , 7, 9928	4-9		20

1893	Impulsivity influences betting under stress in laboratory gambling. <i>Scientific Reports</i> , 2017 , 7, 10668	4.9	15
1892	Efficient Bioimaging with Diaminodicyanoquinodimethanes: Selective Imaging of Epidermal and Stomatal Cells and Insight into the Molecular Level Interactions. <i>Scientific Reports</i> , 2017 , 7, 10583	4.9	9
1891	Scalable cross-point resistive switching memory and mechanism through an understanding of HO/glucose sensing using an IrO/AlO/W structure. 2017 , 19, 25938-25948		18
1890	Five new therapies or just one new treatment? A critical look at immune checkpoint inhibition in urothelial cancer. 2017 , 9, 781-784		2
1889	Drought Alleviated the Negative Effects of Elevated O on <i>Lonicera maackii</i> in Urban Area. 2017 , 99, 648-653		8
1888	Role of the AMPK pathway in promoting autophagic flux via modulating mitochondrial dynamics in neurodegenerative diseases: Insight into prion diseases. 2017 , 40, 51-63		27
1887	The Use of Hunting and Herding Spaces: Stable Isotope Analysis of Late Archaic and Early Formative Camelids in the Tulan Transect (Puna de Atacama, Chile). 2017 , 27, 1059-1069		8
1886	Not so secret agents: Event-related potentials to semantic roles in visual event comprehension. 2017 , 119, 1-9		14
1885	Bridging the Gap: Rewritable Electronics Using Real-Time Light-Induced Dielectrophoresis on Lithium Niobate. <i>Scientific Reports</i> , 2017 , 7, 9660	4.9	3
1884	Enhanced hydrogen production from ammonia borane using controlled plasmonic performance of Au nanoparticles deposited on TiO ₂ . 2017 , 5, 21883-21892		52
1883	Machine learning to analyze images of shocked materials for precise and accurate measurements. 2017 , 122, 104902		3
1882	Detection of <i>Bacillus anthracis</i> spores from environmental water using bioluminescent reporter phage. 2017 , 123, 1184-1193		9
1881	Structural and Thermal Stability of Polycarbonate Decorated Fumed Silica Nanocomposite via Thermomechanical Analysis and In-situ Temperature Assisted SAXS. <i>Scientific Reports</i> , 2017 , 7, 7706	4.9	28
1880	Transcriptional transitions in Alphonso mango (<i>Mangifera indica</i> L.) during fruit development and ripening explain its distinct aroma and shelf life characteristics. <i>Scientific Reports</i> , 2017 , 7, 8711	4.9	27
1879	Biomechanical properties of predator-induced body armour in the freshwater crustacean <i>Daphnia</i> . <i>Scientific Reports</i> , 2017 , 7, 9750	4.9	15
1878	Microscale Liquid Transport in Polycrystalline Inverse Opals across Grain Boundaries. <i>Scientific Reports</i> , 2017 , 7, 10465	4.9	29
1877	Rapid determination of flavonoids in green tea by synchronous fluorescence spectra coupled with chemometrics. 2017 , 50, 501-506		6
1876	Single-Step qPCR and dPCR Detection of Diverse CRISPR-Cas9 Gene Editing Events. 2017 , 7, 3533-3542		12

1875	Hardening mechanisms in irradiated CuâW alloys. 2017 , 32, 3156-3164	6
1874	A Crystal Plasticity Approach for Shear Banding in Hot Rolled High-Strength Steels. 2017 , 48, 5608-5615	3
1873	Use of hydrogel scaffolds to develop an in vitro 3D culture model of human intestinal epithelium. 2017 , 62, 128-143	29
1872	Vitamin B as a carrier of peptide nucleic acid (PNA) into bacterial cells. <i>Scientific Reports</i> , 2017 , 7, 7644 4.9	41
1871	Improve microwave quantum illumination via optical parametric amplifier. 2017 , 385, 757-768	23
1870	Novel approach to image hydrogen distribution and related phase transformation in duplex stainless steels at the sub-micron scale. 2017 , 42, 25114-25120	15
1869	Multi-criteria analysis of a biorefinery for co-production of lactic acid and ethanol from sugarcane lignocellulose. 2017 , 11, 971-990	54
1868	Weak bones in diabetes mellitus - an update on pharmaceutical treatment options. 2018 , 70, 1-17	9
1867	The high photocatalytic activity and reduced band gap energy of La and Mn co-doped BiFeO ₃ /graphene nanoplatelet (GNP) nanohybrids. 2017 , 7, 35928-35937	48
1866	Cooperation of HIF- and NCAM-mediated mechanisms in cell viability of hippocampal cultures after oxygen-glucose deprivation. 2017 , 41, 1119-1126	
1865	Synthesis of molecularly imprinted polymers by photo-iniferter polymerization under visible light. 2017 , 8, 4830-4834	16
1864	Recording characteristics of electrical impedance myography needle electrodes. 2017 , 38, 1748-1765	16
1863	Bacterial invertases: Occurrence, production, biochemical characterization, and significance of transfructosylation. 2017 , 57, 803-813	25
1862	Linking tephrochronology and soil characteristics in the Sila and Nebrodi mountains, Italy. 2017 , 158, 266-285	10
1861	Paper chip-based colorimetric sensing assay for ultra-sensitive detection of residual kanamycin. 2017 , 62, 161-168	33
1860	Functional Validation of Apoptosis Genes IAP1 and DRONC in Midgut Tissue of the Biting Midge <i>Culicoides sonorensis</i> (Diptera: Ceratopogonidae) by RNAi. 2017 , 54, 559-567	2
1859	Molecular Communication over Gas Stream Channels using Portable Mass Spectrometry. 2017 , 28, 2371-2383	28
1858	Strengthening and toughening behaviors of a Mg-9Al alloy containing oxygen atoms. 2017 , 725, 441-448	7

1857	Investigation of the physical, optical, and photocatalytic properties of CeO ₂ /Fe-doped InVO ₄ composite. 2017 , 111, 95-103	13
1856	Electrochemical growth of Co(OH) ₂ nanoflakes on Ni foam for methanol electro-oxidation. 2017 , 41, 9546-9553	37
1855	Fe ₃ O ₄ nanoparticles coated with a guanidinium-functionalized polyelectrolyte extend the pH range for phosphate binding. 2017 , 5, 18476-18485	21
1854	Guarana (<i>Paullinia cupana</i>): Cytoprotective effects on age-related eye dysfunction. 2017 , 36, 375-386	12
1853	Effect of pH and ionic strength on the binding strength of anti-PF4/polyanion antibodies. 2017 , 46, 795-801	7
1852	The contribution of microbial biotechnology to mitigating coral reef degradation. 2017 , 10, 1236-1243	60
1851	Alternative products for <i>Pratylenchus brachyurus</i> and <i>Meloidogyne javanica</i> management in soya bean plants. 2017 , 165, 635-640	14
1850	Prokaryotic cytochromes P450 (Review). 2017 , 53, 401-409	8
1849	P-29: Flexible Gate Driver for Bendable AMOLED Display with Homojunction Oxide TFTs. 2017 , 48, 1335-1338	0
1848	Synthesis, characterization and electrochemical applications of Ir@SiO ₂ composite microspheres. 2017 , 529, 979-984	4
1847	The potential value of microRNA-4463 in the prognosis evaluation in hepatocellular carcinoma. 2017 , 4, 116-122	6
1846	Assessment of divergent functional properties of seed-like strontium molybdate for the photocatalysis and electrocatalysis of the postharvest scald inhibitor diphenylamine. 2017 , 352, 606-616	36
1845	Corrosion wear characteristics of TC4, 316 stainless steel, and Monel K500 in artificial seawater. 2017 , 7, 23835-23845	9
1844	First Report of Root-knot Nematode, <i>Meloidogyne graminicola</i> , on Rice in Zhejiang, Eastern China. 2017 , 101, 2152	8
1843	A 3D Printed Implantable Device for Voiding the Bladder Using Shape Memory Alloy (SMA) Actuators. 2017 , 4, 1700143	26
1842	Strategies for Biofilm Inhibition and Virulence Attenuation of Foodborne Pathogen- <i>Escherichia coli</i> O157:H7. 2017 , 74, 1477-1489	22
1841	Synthetic studies en route to the first total synthesis of a naturally occurring quinone from <i>Acorus gramineus</i> , iso-merrilliaquinone, iso-magnoshinin and 2-epi-3,4-dihydro magnoshinin. 2017 , 7, 36844-36851	3
1840	Soluble fluorene- β -benzothiadiazole polymer-grafted graphene for photovoltaic devices. 2017 , 7, 35950-35956	5

1839	Functionalized acetoacetylated poly(vinyl alcohol) monoliths for enzyme immobilization: a phase separation method. 2017 , 295, 1827-1833		5
1838	Strain relaxation in epitaxial GaAs/Si (0 0 1) nanostructures. 2017 , 97, 2845-2857		7
1837	Metagenomic Analysis of Dairy Bacteriophages: Extraction Method and Pilot Study on Whey Samples Derived from Using Undefined and Defined Mesophilic Starter Cultures. 2017 , 83,		13
1836	Hybrid Organic Tandem Solar Cell Comprising Small-Molecule Bottom and Polymer:Fullerene Top Subcells Fabricated by Thin-Film Transfer. <i>Scientific Reports</i> , 2017 , 7, 1942	4.9	12
1835	Reverse Anti-solvent Crystallization Process for the Facile Synthesis of Zinc Tetra(4-pyridyl)porphyrin Single Crystalline Cubes. <i>Scientific Reports</i> , 2017 , 7, 2582	4.9	3
1834	Size and specimen-dependent strategy for x-ray micro-ct and tem correlative analysis of nervous system samples. <i>Scientific Reports</i> , 2017 , 7, 2858	4.9	20
1833	Industrial water resources management based on violation risk analysis of the total allowable target on wastewater discharge. <i>Scientific Reports</i> , 2017 , 7, 5055	4.9	5
1832	Subcortical volume and white matter integrity abnormalities in major depressive disorder: findings from UK Biobank imaging data. <i>Scientific Reports</i> , 2017 , 7, 5547	4.9	55
1831	Nanocapsules Containing Neem (<i>Azadirachta Indica</i>) Oil: Development, Characterization, And Toxicity Evaluation. <i>Scientific Reports</i> , 2017 , 7, 5929	4.9	33
1830	Fish oil diet may reduce inflammatory levels in the liver of middle-aged rats. <i>Scientific Reports</i> , 2017 , 7, 6241	4.9	11
1829	Photoluminescence associated with the site occupations of Ho ions in BaTiO. <i>Scientific Reports</i> , 2017 , 7, 6125	4.9	11
1828	Gyrocardiography: A New Non-invasive Monitoring Method for the Assessment of Cardiac Mechanics and the Estimation of Hemodynamic Variables. <i>Scientific Reports</i> , 2017 , 7, 6823	4.9	61
1827	A selective electrochemical sensor for caffeic acid and photocatalyst for metronidazole drug pollutant - A dual role by rod-like SrVO. <i>Scientific Reports</i> , 2017 , 7, 7254	4.9	27
1826	Prediction of soil cadmium distribution across a typical area of Chengdu Plain, China. <i>Scientific Reports</i> , 2017 , 7, 7115	4.9	10
1825	Hybrid organic-inorganic coatings via electron transfer behaviour. <i>Scientific Reports</i> , 2017 , 7, 7063	4.9	22
1824	Within-crown acclimation of leaf-level physiological and morphological parameters in young loblolly pine stands. 2017 , 31, 1849-1857		3
1823	Topological characterization of plasma-etched polymer surface using discontinuous percolation transition. 2017 , 200, 322-330		
1822	Au-Pt alloy nanoparticles obtained by nanosecond laser irradiation of gold and platinum bulk targets in an ethylene glycol solution. 2017 , 132, 1		6

1821	Long-term growth of temperate broadleaved forests no longer benefits soil C accumulation. <i>Scientific Reports</i> , 2017 , 7, 42328	4.9	1
1820	Inhibition of NLRP3 inflammasome: a new protective mechanism of cinnamaldehyde in endotoxin poisoning of mice. 2017 , 39, 296-304		12
1819	Antifungal mechanism of the combination of Cinnamomum verum and Pelargonium graveolens essential oils with fluconazole against pathogenic Candida strains. 2017 , 101, 6993-7006		38
1818	Impact of H.I. Schlesinger's discoveries upon the course of modern chemistry on B ₂ H ₆ hydrogen carriers. 2017 , 42, 21048-21062		17
1817	Tight focusing of a quasi-cylindrical optical vortex. 2017 , 403, 277-282		5
1816	Upstream trophic structure modulates downstream community dynamics via resource subsidies. 2017 , 7, 5724-5731		7
1815	Novel therapeutic targets for epilepsy intervention. 2017 , 51, 27-34		15
1814	Demographic and genetic consequences of disturbed sex determination. 2017 , 372,		31
1813	High opto-electronic quality n-type single-crystalline-like GaAs thin films on flexible metal substrates. 2017 , 5, 7919-7926		14
1812	Effect of heat treatment on ultrasonic synthesized bismuth ferrites: an effective visible light-driven photocatalyst. 2017 , 43, 5113-5122		2
1811	Resistance to root-knot nematodes on passion fruit genotypes in Brazil. 2017 , 45, 325-331		3
1810	A hydrothermal reaction combined with a post anion-exchange reaction of hierarchically nanostructured NiCo ₂ S ₄ for high-performance QDSSCs and supercapacitors. 2017 , 41, 10037-10047		23
1809	Polymer-spray mass spectrometric detection and quantitation of hydrophilic compounds and some narcotics. 2017 , 31, 1651-1658		20
1808	Efficacy of ionic liquids on the growth and simultaneous xylanase production by Sporotrichum thermophile: membrane integrity, composition and morphological investigation. 2017 , 7, 21114-21123		7
1807	Tectonic evolution of the Neoproterozoic Tandilia sedimentary cover, Argentina: New evidence of contraction and extensional events in the southwest Gondwana margin. 2017 , 79, 230-238		7
1806	Hybrid materials based on cotton fabric-Cu ₂ O nanoparticles with antibacterial properties against S. aureus. 2017 , 201, 339-343		12
1805	Genuine antiplasticizing effect of water on a glass-former drug. <i>Scientific Reports</i> , 2017 , 7, 7470	4.9	7
1804	Understanding trends in hydrodeoxygenation reactivity of metal and bimetallic alloy catalysts from ethanol reaction on stepped surface. 2017 , 353, 265-273		35

1803	Highly transparent and conducting ITO/Ag/ITO multilayer thin films on FEP substrates for flexible electronics applications. 2017 , 172, 277-284		30
1802	Growth and bioactive peptides production potential of <i>Lactobacillus plantarum</i> strain C2 in soy milk: A LC-MS/MS based revelation for peptides biofunctionality. 2017 , 86, 293-301		40
1801	A thermally stable and strong Mg-MgF ₂ nanocomposite. 2017 , 209, 476-478		4
1800	Applying modern psychometric techniques to melodic discrimination testing: Item response theory, computerised adaptive testing, and automatic item generation. <i>Scientific Reports</i> , 2017 , 7, 3618	4.9	14
1799	Achieving improved dielectric, mechanical, and thermal properties of additive manufactured parts via filament modification using OMMT-based nanocomposite. 2017 , 2, 109-115		5
1798	Effect of Qianghuo Erhuang Decoction on T Regulatory and T Helper 17 Cells in Treatment of Adjuvant-induced Arthritis in Rats. <i>Scientific Reports</i> , 2017 , 7, 17198	4.9	7
1797	Thermal recovery process of a backfilled open-pit in permafrost area at the Gulian strip coal mine in Northeast China. 2017 , 14, 2212-2229		5
1796	Building Elements of the Adaptive and Pathological Pain Neural Networks. 2017 , 417-445		
1795	Roller-Induced Bundling of Long Silver Nanowire Networks for Strong Interfacial Adhesion, Highly Flexible, Transparent Conductive Electrodes. <i>Scientific Reports</i> , 2017 , 7, 16662	4.9	9
1794	Bioactive and multifunctional textile using plant-based madder dye: Characterization of UV protection ability and antibacterial activity. 2017 , 18, 2170-2175		15
1793	A Stable Fe ₂ O ₃ /Expanded Perlite Composite Catalyst for Degradation of Rhodamine B in Heterogeneous Photo-Fenton System. 2017 , 228, 1		19
1792	Characterization of uranium in the extracellular polymeric substances of anaerobic granular sludge used to treat uranium-contaminated groundwater. 2017 , 7, 54188-54195		6
1791	Mosquito Gap Junctions: Molecular Biology, Physiology, and Potential for Insecticide Development. 2017 , 91-110		0
1790	Mapping QTLs conferring salt tolerance and micronutrient concentrations at seedling stage in wheat. <i>Scientific Reports</i> , 2017 , 7, 15662	4.9	50
1789	History of Histamine-Releasing Factor (HRF)/Translationally Controlled Tumor Protein (TCTP) Including a Potential Therapeutic Target in Asthma and Allergy. 2017 , 64, 291-308		5
1788	A Review of Preparation Methods for Supported Metal Catalysts. 2017 , 61, 1-35		32
1787	Quantifying the Pathway and Predicting Spontaneous Emulsification during Material Exchange in a Two Phase Liquid System. <i>Scientific Reports</i> , 2017 , 7, 14384	4.9	8
1786	Lipids grease the wheels of the immune system. 2017 , 28, 516-517		

1785	Allele specific LAMP- gold nanoparticle for characterization of single nucleotide polymorphisms. 2017 , 16, 21-25		12
1784	Transcriptional profile and differential fitness in a specialist milkweed insect across host plants varying in toxicity. 2017 , 26, 6742-6761		24
1783	Design, Synthesis, Molecular Docking, and Anticancer Activity of Phthalazine Derivatives as VEGFR-2 Inhibitors. 2017 , 350, 1700240		42
1782	In x Ga 1-x N nucleation by In ⁺ ion implantation into GaN. 2017 , 413, 62-67		5
1781	Influences of environmental factors on biomass of phytoplankton in the northern part of Tai Lake, China, from 2000 to 2012. 2017 , 189, 608		6
1780	OCT Amplitude and Speckle Statistics of Discrete Random Media. <i>Scientific Reports</i> , 2017 , 7, 14873	4.9	24
1779	Silkworm model for Francisella novicida infection. 2017 , 113, 94-101		5
1778	Theory and Numerical Modelling of Parity-Time Symmetric Structures in Photonics: Boundary Integral Equation for Coupled Microresonator Structures. 2017 , 207-233		
1777	Revascularization of Immature Necrotic Teeth. 2017 , 4, 319-329		1
1776	Effect of quench-induced precipitation on microstructure and mechanical properties of 7085 aluminum alloy. 2017 , 132, 119-128		48
1775	Fabrication of PLA/Ag nanofibers by green synthesis method using Momordica charantia fruit extract for wound dressing applications. 2017 , 529, 771-782		64
1774	A review: Aptamer-based analytical strategies using the nanomaterials for environmental and human monitoring of toxic heavy metals. 2017 , 174, 619-627		119
1773	Evaluation of red and near infrared fluorescent silver nanoclusters as potential in vivo indicators of tight junction opening. 2017 , 7, 32536-32542		2
1772	A series of terpyridine-based zinc(ii) complexes assembled for third-order nonlinear optical responses in the near-infrared region and recognizing lipid membranes. 2017 , 5, 6348-6355		19
1771	Haplotype-based interaction of the PPARGC1A and UCP1 genes is associated with impaired fasting glucose or type 2 diabetes mellitus. 2017 , 96, e6941		5
1770	Histidine substitution in the most flexible fragments of firefly luciferase modifies its thermal stability. 2017 , 629, 8-18		4
1769	Cloning and characterization of the first serine carboxypeptidase from a plant parasitic nematode, Radopholus similis. <i>Scientific Reports</i> , 2017 , 7, 4815	4.9	10
1768	Ultra-broadband, wide angle absorber utilizing metal insulator multilayers stack with a multi-thickness metal surface texture. <i>Scientific Reports</i> , 2017 , 7, 4755	4.9	45

1767	Morphology Control of Energy-Gap-Engineered NbO Nanowires and the Regioselective Growth of CdS for Efficient Carrier Transfer Across an Oxide-Sulphide Nanointerface. <i>Scientific Reports</i> , 2017 , 7, 4913	4.9	2
1766	An optimized 3D carbon matrix for high rate silicon anodes. 2017 , 7, 33521-33525		1
1765	Microfluidic technologies for anticancer drug studies. 2017 , 22, 1654-1670		48
1764	Anti-biofilm efficacy of 100 MeV gold ion irradiated polycarbonate against <i>Salmonella typhi</i> . 2017 , 141, 149-154		4
1763	Dopant-free oxygen-rich titanium dioxide: LED light-induced photocatalysis and mechanism insight. 2017 , 52, 11630-11642		13
1762	Bulk growth of organic 4-hydroxy l-proline (HLP) single crystals grown by conventional slow evaporation and Sankaranarayananâ&Bmasamy (SR) method. 2017 , 28, 15354-15369		3
1761	Valorization of biomass to hydroxymethylfurfural, levulinic acid, and fatty acid methyl ester by heterogeneous catalysts. 2017 , 328, 246-273		156
1760	Host age and expression of genes involved in red blood cell invasion in <i>Plasmodium falciparum</i> field isolates. <i>Scientific Reports</i> , 2017 , 7, 4717	4.9	3
1759	Synthesis and characterization of chitosan-PVP-nanocellulose composites for in-vitro wound dressing application. 2017 , 105, 111-120		100
1758	Massive Ti3+ self-doped by the injected electrons from external Pt and the efficient photocatalytic hydrogen production under visible-Light. 2017 , 218, 751-757		37
1757	Characterization of Al-Mg Alloy Aged at Low Temperatures. 2017 , 48, 2040-2050		19
1756	Iron layer-dependent surface-enhanced raman scattering of hierarchical nanocap arrays. 2017 , 423, 1124-1133		13
1755	Red-emitting SrGe4O9:Eu3+ phosphors obtained by combustion synthesis. 2017 , 43, 12876-12881		8
1754	Atomistic simulation of calcite interaction with ionic species and oil components in water-flooding. 2017 , 529, 760-764		15
1753	Experimental clarification of the cyclic deformation mechanisms of E-type Tiâ&Nbaâ&Zr-alloy single crystals developed for the single-crystalline implant. 2017 , 98, 27-44		19
1752	Investigation on a smart nanocarrier with a mesoporous magnetic core and thermo-responsive shell for co-delivery of doxorubicin and curcumin: a new approach towards combination therapy of cancer. 2017 , 7, 28802-28818		29
1751	Maternal exposure to selenium and cadmium, fetal growth, and placental expression of steroidogenic and apoptotic genes. 2017 , 158, 233-244		28
1750	Phylogenetic analysis of H9N2 avian influenza viruses in Afghanistan (2016-2017). 2017 , 162, 3161-3165		10

1749	Development of an enzymatic synthesis approach to produce phloridzin using <i>Malus x domestica</i> glycosyltransferase in engineered <i>Pichia pastoris</i> GS115. 2017 , 59, 187-193		6
1748	Formation, physiology, ecology, evolution and clinical importance of bacterial persisters. 2017 , 41, 219-251		179
1747	Mathematical modeling the formation of a histone octamer. 2017 , 62, 684-690		2
1746	Ploidy elicits a whole-genome dosage effect: growth of triploid Atlantic salmon is linked to the genetic origin of the second maternal chromosome set. 2017 , 18, 34		12
1745	Partial HIV C2V3 envelope sequence analysis reveals association of coreceptor tropism, envelope glycosylation and viral genotypic variability among Kenyan patients on HAART. 2017 , 14, 29		3
1744	No measurable adverse effects of Lassa, Morogoro and Gairo arenaviruses on their rodent reservoir host in natural conditions. 2017 , 10, 210		16
1743	Heat and Bleach: A Cost-Efficient Method for Extracting Microplastics from Return Activated Sludge. 2017 , 73, 641-648		64
1742	Columnar structure and electrochemical anisotropy of a nickel-based superalloy fabricated via laser solid forming. 2017 , 47, 1083-1090		7
1741	New 2D diffraction model and its applications to terahertz parallel-plate waveguide power splitters. <i>Scientific Reports</i> , 2017 , 7, 41726	4-9	3
1740	Relative contribution of climate change and human activities to vegetation degradation and restoration in North Xinjiang, China. 2017 , 39, 289		11
1739	Tongxinluo Inhibits Renal Fibrosis in Diabetic Nephropathy: Involvement of the Suppression of Intercellular Transfer of TGF- β 1-Containing Exosomes from GECs to GMCs. 2017 , 45, 1075-1092		17
1738	Multi-axial wavy top-emission organic light-emitting diodes on thermally prestrained elastomeric substrates. 2017 , 48, 314-322		10
1737	ESBL/AmpC-producing Enterobacteriaceae in households with children of preschool age: prevalence, risk factors and co-carriage. 2017 , 72, 589-595		21
1736	Comparative study on toxicity of extracellularly biosynthesized and laboratory synthesized CdTe quantum dots. 2017 , 241, 193-200		29
1735	Heat-induced conformation transition of the comb-branched Eglucan in dimethyl sulfoxide/water mixture. 2017 , 157, 1404-1412		6
1734	Multi-Length Scale Tribology of Electrophoretically Deposited Nickel-Diamond Coatings. 2017 , 69, 227-235		8
1733	Nano-mineralogy and -geochemistry of high-grade diasporic karst-type bauxite from Parnassos-Ghiona mines, Greece. 2017 , 84, 228-244		27
1732	Spatial and temporal dynamics of nitrogen fixing, nitrifying and denitrifying microbes in an unfertilized grassland soil. 2017 , 109, 214-226		57

1731	Immunopathogenesis of Dengue Virus-Induced Redundant Cell Death: Apoptosis and Pyroptosis. 2017 , 30, 13-19	11
1730	Optimizing structural and mechanical properties of cryogel scaffolds for use in prostate cancer cell culturing. 2017 , 71, 465-472	20
1729	Rheology, curing temperature and mechanical performance of oil well cement: Combined effect of cellulose nanofibers and graphene nano-platelets. 2017 , 114, 92-101	56
1728	Towards benthic ecosystem functioning maps: Quantifying bioturbation potential in the German part of the Baltic Sea. 2017 , 73, 574-588	33
1727	A facile solvothermal approach of novel Bi ₂ S ₃ /TiO ₂ /RGO composites with excellent visible light degradation activity for methylene blue. 2017 , 396, 58-66	66
1726	Biomimetic and bioinspired approaches for wiring enzymes to electrode interfaces. 2017 , 10, 14-42	58
1725	Magnetically recoverable nano-zirconium(IV) complex: enhancement of antibacterial activity. 2017 , 43, 755-765	1
1724	Neuroglia as targets for drug delivery systems: A review. 2017 , 13, 667-679	14
1723	Study on Structural, Multiferroic, Optical and Photocatalytic Properties of Ferroelectromagnetic Nanoparticles: Bi _{0.9} Ba _{0.1} Fe _{0.8} Ti _{0.2} O ₃ . 2017 , 30, 431-439	3
1722	Best of pancreaticobiliary endoscopy: 2015-2016. 2017 , 85, 55-58	
1721	Cofactor engineering in cyanobacteria to overcome imbalance between NADPH and NADH: A mini review. 2017 , 11, 66-71	21
1720	Resistance maximization principle for defending networks against virus attack. 2017 , 466, 211-223	3
1719	Simple assay for screening phytoestrogenic compounds using the oestrogen receptor immobilised magnetite nanoparticles. 2017 , 11, 395-402	
1718	Liquid-phase based separation systems for depletion, prefractionation, and enrichment of proteins in biological fluids and matrices for in-depth proteomics analysis-An update covering the period 2014-2016. 2017 , 38, 150-161	11
1717	The fractal heart - embracing mathematics in the cardiology clinic. 2017 , 14, 56-64	36
1716	Absorbing formation mechanism of ALP on TiB ₂ substrate and their application as high-efficiency nucleating agent in Al-45Si alloy. 2017 , 693, 853-858	13
1715	Effect of ZrO ₂ on dielectric, optical and structural properties of yttrium calcium borosilicate glasses. 2017 , 43, 722-727	54
1714	Multi-modal and multi-layout discriminative learning for placental maturity staging. 2017 , 63, 719-730	6

1713	Fabrication and characterization of poly (bisphenol A borate) with high thermal stability. 2017 , 392, 481-491	13
1712	Metabolic relationship between diabetes and Alzheimer's Disease affected by Cyclo(His-Pro) plus zinc treatment. 2017 , 7, 41-54	25
1711	Quality by design (QbD) approach of pharmacogenomics in drug designing and formulation development for optimization of drug delivery systems. 2017 , 245, 15-26	15
1710	Three-Ply Al/Mg/Al Clad Sheets Fabricated by Twin-Roll Casting and Post-treatments (Homogenization, Warm Rolling, and Annealing). 2017 , 48, 57-62	8
1709	Identification of chlorophyll molecules with peroxy radical scavenger capacity in microalgae <i>Phormidium autumnale</i> using ultrasound-assisted extraction. 2017 , 99, 1036-1041	21
1708	Nanostructural and electrical properties of LA0.5SR0.5CoO3. 2017 , 31, 1750015	1
1707	An appraisal on commercial farming of <i>Kappaphycus alvarezii</i> in India: success in diversification of livelihood and prospects. 2017 , 29, 335-357	40
1706	The nuclear mitotic apparatus protein NuMA controls rDNA transcription and mediates the nucleolar stress response in a p53-independent manner. 2017 , 45, 11725-11742	19
1705	Measuring rhythmic complexity: A primer to quantify and compare temporal structure in speech, movement, and animal vocalizations. 2017 , 2, 4-19	23
1704	Selective excitation of spin-polarized alkali atoms in different ground-state hyperfine levels. <i>Scientific Reports</i> , 2017 , 7, 15866	4-9 3
1703	Agricultural Nanotechnologies: Current Applications and Future Prospects. 2017 , 3-28	4
1702	The impact of extreme climatic events on pasture-based dairy systems: a review. 2017 , 68, 1158	25
1701	Integration of chitosan and plant growth-promoting rhizobacteria to control Papaya ringspot virus and Tomato chlorotic spot virus. 2017 , 50, 997-1007	3
1700	Excellent Rectifying Properties of the n-3C-SiC/p-Si Heterojunction Subjected to High Temperature Annealing for Electronics, MEMS, and LED Applications. <i>Scientific Reports</i> , 2017 , 7, 17734	4-9 30
1699	Tailored release of triiodothyronine and retinoic acid from a spatio-temporally fabricated nanofiber composite instigating neuronal differentiation. 2017 , 9, 14565-14580	14
1698	Minocycline modulates microglia polarization in ischemia-reperfusion model of retinal degeneration and induces neuroprotection. <i>Scientific Reports</i> , 2017 , 7, 14065	4-9 27
1697	Neutral fitness outcomes contradict inferences of sexual 'coercion' derived from male's damaging mating tactic in a widow spider. <i>Scientific Reports</i> , 2017 , 7, 17322	4-9 7
1696	Antihyperglycemic effect of <i>Sesbania grandiflora</i> seed decoction on streptozotocin-induced diabetic mice: Inflammatory status and the role of interleukin-10. 2017 ,	2

1695	Bath correlation functions for logarithmic-like spectral densities. 2017 , 15, 1740022	4
1694	Estimation of Supercapacitor Energy Storage Based on Fractional Differential Equations. 2017 , 12, 636	10
1693	Conducting polymer-graphite binary and hybrid composites. 2017 , 1-34	3
1692	Stability and electronic properties of armchair boron nitride/carbon nanotubes. 2017 , 25, 716-725	48
1691	Differential effects on membrane permeability and viability of human keratinocyte cells undergoing very low intensity megasonic fields. <i>Scientific Reports</i> , 2017 , 7, 16536	4-9 6
1690	"What" and "where" was when? Memory for the temporal order of episodic events in children. 2017 , 59, 1039-1045	7
1689	Phase Transformations in Self-Organized System Based on Lecithin. 2017 , 90, 1789-1794	1
1688	Formidable challenges to the notion of biologically important roles for dietary small RNAs in ingesting mammals. 2017 , 12, 13	13
1687	Electrochemical and optical biosensors for early-stage cancer diagnosis by using graphene and graphene oxide. 2017 , 8, 10	25
1686	Geochemistry of μC , S, and Sr isotopes in the water and sediments of the Aral basin. 2017 , 55, 1033-1045	6
1685	Effect of forging on the low cycle fatigue behavior of cast AZ31B alloy. 2017 , 706, 342-356	42
1684	New chemistry of transition metal oxyhydrides. 2017 , 18, 905-918	24
1683	RCS reduction for grazing incidence based on coding metasurface. 2017 , 53, 1381-1383	8
1682	Deep Active Learning Through Cognitive Information Parcels. 2017 ,	2
1681	Review of recent research towards power cable life cycle management. 2017 , 2, 179-187	40
1680	Butterfly Mortality and Salvage Logging from the March 2016 Storm in the Monarch Butterfly Biosphere Reserve in Mexico. 2017 , 63, 151-164	15
1679	A comprehensive review of select smart polymeric and gel actuators for soft mechatronics and robotics applications: fundamentals, freeform fabrication, and motion control. 2017 , 8, 144-213	43
1678	The Regulation of Pathways of Inflammation and Resolution in Immune Cells and Cancer Stem Cells by Selenium. 2017 , 136, 153-172	16

1677	Prototheca zopfii isolated from bovine mastitis induced oxidative stress and apoptosis in bovine mammary epithelial cells. 2017 , 8, 31938-31947	13
1676	5G compatible front-haul transmission of OFDM-MIMO signal over multicore fibers. 2017 ,	
1675	Alginate in Bone Tissue Engineering. 2017 , 349-368	1
1674	Fast label-free microscopy technique for 3D dynamic quantitative imaging of living cells. 2017 , 8, 5507-5517	26
1673	Temperature-tunable one-dimensional plasmonic photonic crystals based on a single graphene layer and a semiconductor constituent. 2017 , 56, 7243-7248	2
1672	Mode-locked Ho-doped laser with subsequent diode-pumped amplifier in an all-fiber design operating at 2052 nm. 2017 , 25, 20522-20529	17
1671	Improvement in the high temperature thermal insulation performance of Y2O3 opacified silica aerogels. 2017 , 727, 871-878	26
1670	Fiber interferometer for hybrid optical and optoacoustic intravital microscopy. 2017 , 4, 1180	27
1669	Quasiperiodic one-dimensional photonic crystals with adjustable multiple photonic bandgaps. 2017 , 42, 3602-3605	25
1668	Self-Assembled Magnetic Materials. 2017 , 257-272	1
1667	Nanotechnology for the Development of Nanomedicine. 2017 , 3-61	25
1666	Graphene-Based Materials for Biosensors: A Review. 2017 , 17,	249
1665	3D printers for surgical practice. 2017 , 139-154	5
1664	Structural insights into RapZ-mediated regulation of bacterial amino-sugar metabolism. 2017 , 45, 10845-10860	24
1663	Effects of Antioxidant Supplements on the Survival and Differentiation of Stem Cells. 2017 , 2017, 5032102	57
1662	Motor Imagery Impairment in Postacute Stroke Patients. 2017 , 2017, 4653256	21
1661	Analyses of methylomes of upland and lowland switchgrass (Panicum virgatum) ecotypes using MeDIP-seq and BS-seq. 2017 , 18, 851	5
1660	T-2 mycotoxin: toxicological effects and decontamination strategies. 2017 , 8, 33933-33952	98

1659	Artificial virus particles. 2017 , 427-450	3
1658	Potential roles of DNA methylation in the initiation and establishment of replicative senescence revealed by array-based methylome and transcriptome analyses. 2017 , 12, e0171431	21
1657	The evolving cobweb of relations among partially rational investors. 2017 , 12, e0171891	14
1656	Multidimensional pooled shRNA screens in human THP-1 cells identify candidate modulators of macrophage polarization. 2017 , 12, e0183679	22
1655	Transcriptional profiling of sugarcane leaves and roots under progressive osmotic stress reveals a regulated coordination of gene expression in a spatiotemporal manner. 2017 , 12, e0189271	16
1654	Characterization of Radiocesium in Soil Sampled at the Koshinetsu and Kanto Regions. 2017 , 66, 175-180	3
1653	Nitrogen-Related Constraints of Carbon Uptake by Large-Scale Forest Expansion: Simulation Study for Climate Change and Management Scenarios. 2017 , 5, 1102-1118	3
1652	Altered cropping pattern and cultural continuation with declined prosperity following abrupt and extreme arid event at ~4,200 yrs BP: Evidence from an Indus archaeological site Khirsara, Gujarat, western India. 2017 , 12, e0185684	29
1651	Can machine-learning improve cardiovascular risk prediction using routine clinical data?. 2017 , 12, e0174944	487
1650	A thermodynamically consistent model of the post-translational Kai circadian clock. 2017 , 13, e1005415	26
1649	Plant-Insect Interactions. 2017 , 1-24	5
1648	Optimal Silicon Doping Layers of Quantum Barriers in the Growth Sequence Forming Soft Confinement Potential of Eight-Period InGaN/GaN Quantum Wells of Blue LEDs. 2017 , 12, 591	4
1647	Bioavailability of transgenic microRNAs in genetically modified plants. 2017 , 12, 17	17
1646	Diet-derived microRNAs: unicorn or silver bullet?. 2017 , 12, 15	35
1645	Redefining the extinct orders Miomoptera and Hypoperlida as stem acercarian insects. 2017 , 17, 205	9
1644	GWAS of agronomic traits in soybean collection included in breeding pool in Kazakhstan. 2017 , 17, 179	9
1643	Genotype-driven identification of a molecular network predictive of advanced coronary calcium in ClinSeq [®] and Framingham Heart Study cohorts. 2017 , 11, 99	13
1642	The complexity of TRIM28 contribution to cancer. 2017 , 24, 63	62

1641	Balancing the playing field: collaborative gaming for physical training. 2017 , 14, 116	31
1640	The DLGAP family: neuronal expression, function and role in brain disorders. 2017 , 10, 43	72
1639	Extracellular vesicles: how they interact with endothelium, potentially contributing to metastatic cancer cell implants. 2017 , 6, 33	13
1638	Stanene-hexagonal boron nitride heterobilayer: Structure and characterization of electronic property. <i>Scientific Reports</i> , 2017 , 7, 16347	4.9 22
1637	Actividad de enzimas del estr�s oxidativo en plantas de tomate cv. Amalia en respuesta al plomo. 2017 , 35, 216-223	0
1636	Influence of multiple brain metastases size and number on the quality of SRS �VMAT dose delivery. 2017 , 931, 012022	3
1635	The effect of Mastin� on expression of Nrf2 in the rat heart with subtotaly nephrectomy chronic Kidney disease model. 2017 , 884, 012124	1
1634	Green synthesized multifunctional Ag@Fe ₂ O ₃ nanocomposites for effective antibacterial, antifungal and anticancer properties. 2017 , 41, 9513-9520	26
1633	INTRODU�O AO MODELO ECOPATH: DESCRI�O DOS PAR�METROS DE ENTRADA E PRINCIPAIS ATRIBUTOS ECOSIST�MICOS Angelini, R. 2017. Introdu�o ao modelo Ecopath: descri�o dos par�metros de entrada e principais atributos ecossist�micos. In: Angelini, R., Ara�jo, J.N., Falc�o, A.P.C., editores. Modelagem Ecossist�mica para integra�o e manejo na Bacia de Campos (At�tico	
1632	Nanocrystalline Bi ₂ Te ₃ thin films synthesized by electrodeposition method for photoelectrochemical application. 2018 , 79, 119-126	11
1631	Adsorptive removal of cesium from aqueous solution using oxidized bamboo charcoal. 2018 , 19, 35-46	54
1630	Determination of Debye temperatures and Lamb-Mossbauer factors for LnFeO orthoferrite perovskites (Ln = La, Nd, Sm, Eu, Gd). 2018 , 30, 105704	10
1629	Implications of macrophage polarization in autoimmunity. 2018 , 154, 186-195	218
1628	Microstructure and mechanical properties of a die-cast Mg-9Al alloy containing oxygen atoms. 2018 , 219, 16-18	1
1627	Enhanced catalytic performance of reduced graphene oxide-TiO ₂ hybrids for efficient water treatment using microwave irradiation.. 2018 , 8, 7709-7715	22
1626	Changes of free-form volatile compounds in pre-treated raisins with different packaging materials during storage. 2018 , 107, 649-659	23
1625	Biomolecule based fiber supercapacitor for implantable device. 2018 , 47, 385-392	52
1624	Protective effects of total flavonoids from Clinopodium chinense (Benth.) O. Ktze on myocardial injury in vivo and in vitro via regulation of Akt/Nrf2/HO-1 pathway. 2018 , 40, 88-97	26

1623	Conserved spatio-temporal patterns of suction-feeding flows across aquatic vertebrates: a comparative flow visualization study. 2018 , 221,	14
1622	Sperm quality biomarkers complement reproductive and endocrine parameters in investigating environmental contaminants in common carp (<i>Cyprinus carpio</i>) from the Lake Mead National Recreation Area. 2018 , 163, 149-164	7
1621	Defense contracts: molecular protection in insect-microbe symbioses. 2018 , 47, 1638-1651	79
1620	Solid-State Route for the Synthesis of Scalable, Luminescent Silicon and Germanium Nanocrystals. 2018 , 4, 423-429	4
1619	Laser-based fabrication of 3D hydrogel constructs using bessel beams. 2018 , 9, 44-51	9
1618	Rh-Pd-alloy catalyzed electrochemical hydrodefluorination of 4-fluorophenol in aqueous solutions. 2018 , 270, 110-119	9
1617	Inhibition of interaction between epigallocatechin-3-gallate and myofibrillar protein by cyclodextrin derivatives improves gel quality under oxidative stress. 2018 , 108, 8-17	22
1616	The influence of manganese concentration on the sensitivity of bandshape and lifetime luminescent thermometers based on YAlO:Mn,Mn,Nd nanocrystals. 2018 , 20, 9574-9581	74
1615	Preparation and Characterization of Wood Plastic Composite Made Up of Durian Husk Fiber and Recycled Polystyrene Foam.. 2018 , 152, 02019	11
1614	Evaluation of anion chain length impact on aqueous two phase systems formed by carboxylate anion functionalized ionic liquids. 2018 , 120, 88-96	10
1613	Thermal properties of lauric acid filled in carbon nanotubes as shape-stabilized phase change materials. 2018 , 20, 7772-7780	37
1612	Effects of Silver Nanoparticles on Hematological Parameters and Hepatorenal Functions in Laying Japanese Quails. 2018 , 185, 475-485	4
1611	Effect of Li-LSX-zeolite on the in-situ catalytic deoxygenation and denitrogenation of <i>Isochrysis</i> sp. microalgae pyrolysis vapours. 2018 , 173, 253-261	26
1610	Influence of coupling of overcharge state and short-term cycle on the mechanical integrity behavior of 18650 Li-ion batteries subject to lateral compression. 2018 , 43, 5261-5271	17
1609	In vitro and in vivo activity of hydrolyzed <i>Saccharomyces cerevisiae</i> against goat nematodes. 2018 , 254, 6-9	2
1608	Novel fused oxazepino-indoles (FOIs) attenuate liver carcinogenesis via IL-6/JAK2/STAT3 signaling blockade as evidenced through data-based mathematical modeling. 2018 , 201, 161-172	3
1607	Salvage therapy outcomes for atypical meningioma. 2018 , 138, 425-433	19
1606	Regulation of <i>Escherichia coli</i> Biofilm Formation (Review). 2018 , 54, 1-11	9

1605	Martensitic transformation in polycrystalline substrate-constrained and freestanding Ni-Mn-Ga films with Ni and Ga excess. 2018 , 741, 1098-1104	6
1604	Chromosomally encoded and plasmid-mediated polymyxins resistance in <i>Acinetobacter baumannii</i> : a huge public health threat. 2018 , 37, 1009-1019	32
1603	Identification and characterization of <i>Colletotrichum</i> spp. associated with chili anthracnose in peninsular Malaysia. 2018 , 151, 961-973	12
1602	Presentation and Neurobiology of Anhedonia in Mood Disorders: Commonalities and Distinctions. 2018 , 20, 13	14
1601	Metal-organic frameworks (MOFs) in water filtration membranes for desalination and other applications. 2018 , 11, 219-230	120
1600	Studies on the physicochemical properties of synthesized tailor-made gemini surfactants for application in enhanced oil recovery. 2018 , 258, 211-224	74
1599	Postbiotics: An evolving term within the functional foods field. 2018 , 75, 105-114	321
1598	TiC: A stable T -symmetry hollow cage. <i>Scientific Reports</i> , 2018 , 8, 4167	4-9 5
1597	Silver Hexacyanoferrate (III) on a Hybrid Graphene Oxide/PAMAM Dendrimer Surface and Application as an Electrocatalyst in the Detection of Isoniazid. 2018 , 30, 1107-1116	8
1596	Silver Oxalate Ink with Low Sintering Temperature and Good Electrical Property. 2018 , 47, 2824-2835	12
1595	Electrochemical and Computational Studies of Some Carbazole Derivatives as Inhibitors of Mild Steel Corrosion in Abiotic and Biotic Environments. 2018 , 4, 1	6
1594	Stable isotope labeling - dispersive solid phase extraction - liquid chromatography - tandem mass spectrometry for quantitative analysis of transsulfuration pathway thiols in human serum. 2018 , 1083, 12-19	5
1593	Surface wave resonance and chirality in a tubular cavity with metasurface design. 2018 , 417, 42-45	3
1592	Co-inoculation of <i>Lolium perenne</i> with <i>Funneliformis mosseae</i> and the dark septate endophyte <i>Cadophora</i> sp. in a trace element-polluted soil. 2018 , 28, 301-314	23
1591	MoS ₂ and WS ₂ nanocone arrays: Impact of surface topography on the hydrogen evolution electrocatalytic activity and mass transport. 2018 , 11, 70-81	23
1590	Cathepsin D contributes to the accumulation of advanced glycation end products during photoaging. 2018 , 90, 263-275	5
1589	Review of reduction factors by buildings for gamma radiation from radiocaesium deposited on the ground due to fallout. 2018 , 187, 32-39	11
1588	A nanoscale communication network scheme and energy model for a human hand scenario. 2018 , 15, 17-27	41

1587	Characterising degradation of perovskite solar cells through in-situ and operando electron microscopy. 2018 , 47, 243-256	51
1586	Host cell cytosolic immune response during Plasmodium liver stage development. 2018 , 42, 324-334	30
1585	Sizing lipid droplets from adult and geriatric mouse liver tissue via nanoparticle tracking analysis. 2018 , 410, 3629-3638	3
1584	Highly hydrogen sensitive micromachined sensors based on aerosol-assisted chemical vapor deposited ZnO rods. 2018 , 268, 15-21	10
1583	Application and comparison of logistic regression model and neural network model in earthquake-induced landslides susceptibility mapping at mountainous region, China. 2018 , 9, 501-523	13
1582	Enhanced thermal conductivity and mechanical properties of hybrid MoS ₂ /h-BN polyurethane nanocomposites. 2018 , 135, 46560	19
1581	Effects of optical attenuation, heat diffusion, and acoustic coherence in photoacoustic signals produced by nanoparticles. 2018 , 112, 143101	6
1580	Shrub range expansion alters diversity and distribution of soil fungal communities across an alpine elevation gradient. 2018 , 27, 2461-2476	25
1579	Graphene Quantum Dots-based Electrochemical Biosensor for Catecholamine Neurotransmitters Detection. 2018 , 30, 1781-1790	47
1578	Efficient inactivation of <i>Pseudomonas aeruginosa</i> by Cu/Co-NiMoO ₄ in visible light. 2018 , 347, 366-378	23
1577	Spatial Variation in Body Size and Wing Dimorphism Correlates With Environmental Conditions in the Grasshopper <i>Dichroplus vittatus</i> (Orthoptera: Acrididae). 2018 , 47, 519-526	7
1576	Inter- and intra-observer variability of an anatomical landmark-based, manual segmentation method by MRI for the assessment of skeletal muscle fat content and area in subjects from the general population. 2018 , 91, 20180019	9
1575	Identifying Particle Correlations in Quantum Hall Regime. 2018 , 530, 1700221	4
1574	Dopamine signalling in locusts and other insects. 2018 , 97, 40-52	24
1573	Transport Properties of Calcium Doped YMnO ₃ Thin Film. 2018 , 5, 9804-9810	4
1572	Dominance of bacterial ammonium oxidizers and fungal denitrifiers in the complex nitrogen cycle pathways related to nitrous oxide emission. 2018 , 10, 645-660	24
1571	Obstructive Sleep Apnea and Metabolic Risk: an Update. 2018 , 4, 170-177	
1570	On the interactions of TEMPO radicals with gold nanostructures. 2018 , 42, 9764-9770	2

1569	Impact of Genetic Variation on CRISPR-Cas Targeting. 2018 , 1, 159-170		16
1568	Risk Factors Associated with Mortality of Age-0 Smallmouth Bass in the Susquehanna River Basin, Pennsylvania. 2018 , 30, 65-80		15
1567	Methods to measure performance of Grapholitha molesta on apples of five varieties. 2018 , 166, 162-170		8
1566	Size Matters: Metastatic Cluster Size and Stromal Recruitment in the Establishment of Successful Prostate Cancer to Bone Metastases. 2018 , 80, 1046-1058		6
1565	Circular dichroism studies of low molecular weight hydrogelators: The use of SRCD and addressing practical issues. 2018 , 30, 708-718		2
1564	Systemic and sex-biased regulation of OBP expression under semiochemical stimuli. <i>Scientific Reports</i> , 2018 , 8, 6035	4.9	8
1563	Effects of low-dimensional material channels on energy consumption of nano-devices. 2018 , 94, 77-84		7
1562	Decoration of 1-D nano bioactive glass on reduced graphene oxide sheets: Strategies and in vitro bioactivity studies. 2018 , 90, 85-94		13
1561	Rapid quantitation of atorvastatin in process pharmaceutical powder sample using Raman spectroscopy and evaluation of parameters related to accuracy of analysis. 2018 , 200, 26-32		4
1560	Improving radiative recombination efficiency of green light-emitting diodes. 2018 , 34, 1615-1630		11
1559	Metabolomic study of human tissue and urine in clear cell renal carcinoma by LC-HRMS and PLS-DA. 2018 , 410, 3859-3869		30
1558	Synergetic activation of H ₂ O ₂ by photo-generated electrons and cathodic Fenton reaction for enhanced self-driven photoelectrocatalytic degradation of organic pollutants. 2018 , 235, 1-8		36
1557	A slow atomic diffusion process in high-entropy glass-forming metallic melts. 2018 , 51, 145301		5
1556	The cerebellum after trauma: Resting-state functional connectivity of the cerebellum in posttraumatic stress disorder and its dissociative subtype. 2018 , 39, 3354-3374		45
1555	Geometric screening of core/shell hydrogel microcapsules using a tapered microchannel with interdigitated electrodes. 2018 , 112, 162-169		1
1554	Three-dimensional CBCT images registration method for TMJ based on reconstructed condyle and skull base. 2018 , 47, 20170421		2
1553	Monolithic photonic integration for visible and short near-infrared wavelengths: technologies and platforms for bio and life science applications. 2018 , 7, 57-65		2
1552	Dexas1 is a homeostatic regulator of exercise-dependent proliferation and cell survival in the hippocampal neurogenic niche. <i>Scientific Reports</i> , 2018 , 8, 5294	4.9	7

1551	An Ultralight Graphene Honeycomb Sandwich for Stretchable Light-Emitting Displays. 2018 , 28, 1707043	39
1550	Coatings and Thin Films for Spacecraft Thermo-Optical and Related Functional Applications. 2018 , 5, 1701644	24
1549	The role of enhancer of zeste homolog 2: From viral epigenetics to the carcinogenesis of hepatocellular carcinoma. 2018 , 233, 6508-6517	14
1548	Genotype-specific fitness cost of resistance to Bt toxin Cry1Ac in pink bollworm. 2018 , 74, 2496-2503	10
1547	In Vitro Anticancer Activity of Staphyloxanthin Pigment Extracted from KX912244, a Gut Microbe of. 2018 , 58, 146-158	5
1546	Recent Advances on Functionalized Upconversion Nanoparticles for Detection of Small Molecules and Ions in Biosystems. 2018 , 5, 1700609	182
1545	Probing Adsorption Behaviors of BSA onto Chiral Surfaces of Nanoparticles. 2018 , 14, e1703982	38
1544	Dual-templating approach to ordered mesoporous Pt nanowires with various morphologies. 2018 , 223, 97-101	5
1543	Intratumoral evaluation of 3D microvasculature and nanoparticle distribution using a gadolinium-dendron modified nano-liposomal contrast agent with magnetic resonance micro-imaging. 2018 , 14, 1315-1324	8
1542	Efficient Imaging: Examining the Value of Ultrasound in the Diagnosis of Traumatic Adult Brachial Plexus Injuries, A Systematic Review. 2018 , 83, 323-332	12
1541	Sensitive <i>Leptospira</i> DNA detection using tapered optical fiber sensor. 2018 , 11, e201700363	12
1540	Facile fabrication of superhydrophobic copper mesh for oil/water separation and theoretical principle for separation design. 2018 , 87, 150-157	24
1539	Versatile multicolor nanodiamond probes for intracellular imaging and targeted labeling. 2018 , 6, 3078-3084	11
1538	Optimization of Bulk Heterojunction Organic Photovoltaic Devices. 2018 , 1-36	1
1537	Response of Aquatic Bacterial Communities to Hydraulic Fracturing in Northwestern Pennsylvania: A Five-Year Study. <i>Scientific Reports</i> , 2018 , 8, 5683	4.9 16
1536	Hollow polymer nanocapsules: synthesis, properties, and applications. 2018 , 9, 2059-2081	45
1535	Chemotherapeutic Drug-Conjugated Microbeads Demonstrate Preferential Binding to Methylated Plasmid DNA. 2018 , 13, e1700701	2
1534	Microspring Fabrication by Anisotropic Gelation. 2018 , 1-20	

1533	Phase boundary sliding of a reticular-structured Mg-O-9Al alloy. 2018 , 750, 729-740		2
1532	Poly (triethoxyvinylsilane-co-quaternaryvinylbenzylchloride)/fGNR based anion exchange membrane and its application towards salt and acid recovery. 2018 , 556, 303-311		16
1531	Inactivated infectious bronchitis virus vaccine encapsulated in chitosan nanoparticles induces mucosal immune responses and effective protection against challenge. 2018 , 36, 2630-2636		41
1530	An explorative study on potent Gram-negative specific LpxC inhibitors: CoMFA, CoMSIA, HQSAR and molecular docking. 2018 , 38, 151-165		2
1529	Polypyrrole-Derived Fe ²⁺ /Ni ²⁺ Catalyst for the Oxygen Reduction Reaction: Performance in Alkaline Hydrogen and Ethanol Fuel Cells. 2018 , 5, 1954-1965		35
1528	DNA interaction analysis of fluorenylidene double bridged cyclotriphosphazene derivatives. 2018 , 477, 219-226		12
1527	Novel Indole-fused benzo-oxazepines (IFBOs) inhibit invasion of hepatocellular carcinoma by targeting IL-6 mediated JAK2/STAT3 oncogenic signals. <i>Scientific Reports</i> , 2018 , 8, 5932	4.9	12
1526	Hierarchical assembly and superior sodium storage properties of a sea-sponge structured C/SnS@C nanocomposite. 2018 , 6, 7631-7638		31
1525	The transformation of agriculture in China: Looking back and looking forward. 2018 , 17, 755-764		40
1524	Deciphering the dark proteome of Chikungunya virus. <i>Scientific Reports</i> , 2018 , 8, 5822	4.9	32
1523	From Tension to Compression: Asymmetric Mechanical Behaviour of Trabecular Bone's Organic Phase. 2018 , 46, 801-809		3
1522	Ex situ and in situ TEM investigations of carbide precipitation in a 10Cr martensitic steel. 2018 , 53, 7845-7856		8
1521	Combretastatins: Plant Anticancer Phenolics. 2018 , 53-67		3
1520	A New Theory for Acupuncture: Promoting Robust Regulation. 2018 , 11, 39-43		6
1519	Identification of branched-chain amino acid aminotransferases active towards (R)-(+)-1-phenylethylamine among PLP fold type IV transaminases. 2018 , 271, 26-28		11
1518	Photoautotrophic organisms control microbial abundance, diversity, and physiology in different types of biological soil crusts. 2018 , 12, 1032-1046		98
1517	A Longitudinal Investigation of Preferential Attention to Biological Motion in 2- to 24-Month-Old Infants. <i>Scientific Reports</i> , 2018 , 8, 2527	4.9	51
1516	Design and Application of Injectable Gels in Tissue Engineering and Drug Delivery. 2018 , 311-339		

1515	Proteomic and genomic responses of plants to nutritional stress. 2018 , 31, 161-187	6
1514	Reproductive biology and spaceâ€time modelling of spawning for sailfish <i>Istiophorus platypterus</i> in the western Atlantic Ocean. 2018 , 14, 269-286	1
1513	Efficient conversion of sand to nano-silicon and its energetic Si-C composite anode design for high volumetric capacity lithium-ion battery. 2018 , 382, 56-68	36
1512	Biochemical characterization of an isolated 50 kDa beta-glucosidase from the thermophilic fungus <i>Myceliophthora thermophila</i> M.7.7. 2018 , 13, 311-318	19
1511	Biomolecule-embedded metal-organic frameworks as an innovative sensing platform. 2018 , 36, 467-481	56
1510	The early Paleozoic development of bioturbationâ€evolutionary and geobiological consequences. 2018 , 178, 177-207	33
1509	Indoor air humidity, air quality, and health - An overview. 2018 , 221, 376-390	235
1508	Effective shuttling of photoexcitons on CdS/NiO core/shell photocatalysts for enhanced photocatalytic hydrogen production. 2018 , 101, 223-231	35
1507	Visualization of murine lymph vessels using photoacoustic imaging with contrast agents. 2018 , 9, 39-48	15
1506	Friction and abrasive wear behaviour of Al ₂ O ₃ -13TiO ₂ and Al ₂ O ₃ -13TiO ₂ +Ni Graphite coatings. 2018 , 121, 353-372	47
1505	Assessment of genetic and phenotypic diversity of the giant kelp, <i>Macrocystis pyrifera</i> , to support breeding programs. 2018 , 30, 101-112	20
1504	Pesticide use in Indonesian vegetable farming and its determinants. 2018 , 29, 305-323	22
1503	Microwave-assisted processing of graded structural tailing glass-ceramics. 2018 , 38, 2632-2638	12
1502	Direct effects of transcranial electric stimulation on brain circuits in rats and humans. 2018 , 9, 483	323
1501	Dispersal ecology of deadwood organisms and connectivity conservation. 2018 , 32, 535-545	47
1500	STUTTGART: The Zoological Collections of the Stuttgart State Museum of Natural History. 2018 , 621-645	2
1499	Sexual dimorphism in external scent efferent system of metathoracic scent glands in Aradidae: First evidence within Heteroptera. 2018 , 274, 115-122	3
1498	High-rate, flexible all-solid-state super-capacitor based on porous aerogel hybrids of MoS ₂ /reduced graphene oxide. 2018 , 811, 96-104	14

1497	Microstructure and crystallization mechanism of Ti-based bulk metallic glass by electron beam welding. 2018 , 32, 93-99		11
1496	Polysarcosine-containing copolymers: Synthesis, characterization, self-assembly, and applications. 2018 , 81, 163-208		96
1495	One-step sonochemical synthesis of 1D Bismuth tungstate nanorods: An efficient and excellent electrocatalyst for the selective electrochemical detection of antipsychotic drug chlorpromazine. 2018 , 44, 231-239		35
1494	Personalized medicine in inflammatory cardiomyopathy. 2018 , 15, 127-136		2
1493	Inactivation of Escherichia coli and Staphylococcus aureus on contaminated perilla leaves by Dielectric Barrier Discharge (DBD) plasma treatment. 2018 , 643, 32-41		31
1492	Toward an understanding of surface layer formation, growth, and transformation at the glassâfluid interface. 2018 , 229, 65-84		14
1491	Automatic generation control of two-area electrical power systems via optimal fuzzy classical controller. 2018 , 355, 2662-2688		61
1490	New insights into gelatinization mechanisms of cereal endosperm starches. <i>Scientific Reports</i> , 2018 , 8, 3011	4-9	25
1489	Can Vaccination Save a Zika Virus Epidemic?. 2018 , 80, 598-625		7
1488	Kinin-B1 Receptor Stimulation Promotes Invasion and is Involved in Cell-Cell Interaction of Co-Cultured Glioblastoma and Mesenchymal Stem Cells. <i>Scientific Reports</i> , 2018 , 8, 1299	4-9	25
1487	Multistep Cylindrical Structure Analysis at Normal Incidence Based on Water-Substrate Broadband Metamaterial Absorbers. 2018 , 73, 171-173		3
1486	High-speed optical coherence tomography by circular interferometric ranging. 2018 , 12, 111-116		50
1485	A new metamaterial-based wideband rectangular invisibility cloak. 2018 , 124, 1		18
1484	Transcriptome profiling of transgenic tobacco (Nicotiana tabacum cv. xanthi nc) expressing CchGLP gene from Capsicum chinense Jacq. reveals gene expression associated with stress tolerance. 2018 , 93, 595-604		3
1483	Effect of Origanum vulgare essential oil on biofilm formation and motility capacity of Pseudomonas fluorescens strains isolated from discoloured Mozzarella cheese. 2018 , 124, 1220-1231		16
1482	Detection of the ODMR signal of a nitrogen vacancy centre in nanodiamond in propagating surface plasmons. 2018 , 20, 035001		4
1481	WRKY1 acts as a key component improving resistance against Alternaria solani in wild tomato, Solanum arcanum Peralta. 2018 , 16, 1502-1513		19
1480	Effect of SiC and ZnO Nanoparticles on UV Absorbance and Heat Transfer of PET Composite Film. 2018 , 19, 188-194		6

1479	Detection of Age-Related Changes in Networks of B Cells by Multivariate Time-Series Analysis. 2018 , 586-597		1
1478	Engineering mechanical microenvironment of macrophage and its biomedical applications. 2018 , 13, 555-576		12
1477	Correlation between electron work functions of multiphase Cu-8Mn-8Al and de-alloying corrosion. 2018 , 439, 1040-1046		13
1476	Interactions of Biodegradable Ionic Liquids with a Model Naphthenic Acid. <i>Scientific Reports</i> , 2018 , 8, 176	4-9	9
1475	Broadband Asymmetric Light Transmission at Metal/Dielectric Composite Grating. <i>Scientific Reports</i> , 2018 , 8, 999	4-9	6
1474	Combination of a graphene SERS substrate and magnetic solid phase micro-extraction used for the rapid detection of trace illegal additives. 2018 , 143, 883-890		17
1473	PM collection performance of electret filters electrospun with different dielectric materials-a numerical modeling and experimental study. 2018 , 131, 210-219		31
1472	Electrodeposition of organicañhorganic tri-halide perovskites solar cell. 2018 , 378, 717-731		26
1471	Effective regeneration of LiCoO ₂ from spent lithium-ion batteries: a direct approach towards high-performance active particles. 2018 , 20, 851-862		178
1470	Pesticide exposure and health conditions among orange growers in Southern Brazil. 2018 , 53, 215-221		13
1469	Therapeutic biomaterials based on extracellular vesicles: classification of bio-engineering and mimetic preparation routes. 2018 , 7, 1422676		86
1468	Recent Advances in Electrochemical Performances of Graphene Composite (Graphene-Polyaniline/Polypyrrole/Activated Carbon/Carbon Nanotube) Electrode Materials for Supercapacitor: A Review. 2018 , 28, 559-584		68
1467	3D auxetic single material periodic structure with ultra-wide tunable bandgap. <i>Scientific Reports</i> , 2018 , 8, 2262	4-9	67
1466	Transport and accumulation of plasma generated species in aqueous solution. 2018 , 20, 6845-6859		81
1465	Mapping Monthly Water Scarcity in Global Transboundary Basins at Country-Basin Mesh Based Spatial Resolution. <i>Scientific Reports</i> , 2018 , 8, 2144	4-9	39
1464	Histone H5 is a potent Antimicrobial Agent and a template for novel Antimicrobial Peptides. <i>Scientific Reports</i> , 2018 , 8, 2411	4-9	16
1463	Nickel oxide (NiO) nanoparticles disturb physiology and induce cell death in the yeast <i>Saccharomyces cerevisiae</i> . 2018 , 102, 2827-2838		12
1462	Human Sensorimotor Cortex Control of Directly Measured Vocal Tract Movements during Vowel Production. 2018 , 38, 2955-2966		29

1461	Effect of Magnetic Nanohybrid on the StructureâProperty Relationship of Poly(Styrene) Based Copolymer. 2018 , 28, 854-862		
1460	Experimental study on structural, optoelectronic and room temperature sensing performance of Nickel doped ZnO based ethanol sensors. 2018 , 78, 30-39		23
1459	Homeolog expression analysis in an allotriploid non-model crop via integration of transcriptomics and proteomics. <i>Scientific Reports</i> , 2018 , 8, 1353	4.9	14
1458	Review of vibration-based energy harvesting technology: Mechanism and architectural approach. 2018 , 42, 1866-1893		86
1457	Multiple biological defects caused by calycosin-7-O- β -D-glucoside in the nematode <i>Caenorhabditis elegans</i> are associated with the activation of oxidative damage. 2018 , 38, 801-809		9
1456	The Plantain Proteome, a Focus on Allele Specific Proteins Obtained from Plantain Fruits. 2018 , 18, 1700227		7
1455	A micromechanical mass sensing method based on amplitude tracking within an ultra-wide broadband resonance. 2018 , 92, 287-304		22
1454	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. <i>Scientific Reports</i> , 2018 , 8, 1003	4.9	78
1453	Tunable Nanoscale Interlayer of Graphene with Symmetrical Polyelectrolyte Multilayer Architecture for Lithium Extraction. 2018 , 5, 1701449		41
1452	Phytoplankton defence mechanisms: traits and trade-offs. 2018 , 93, 1269-1303		70
1451	Transporters in Hepatotoxicity. 2018 , 145-174		
1450	Morphological and molecular identification of <i>Colletotrichum</i> species associated with cassava anthracnose in Thailand. 2018 , 166, 129-142		13
1449	Strain engineering of van der Waals heterostructures. 2018 , 10, 1474-1480		28
1448	Study of the structural and luminescent properties of Ce ³⁺ and Eu ³⁺ co-doped YAG synthesized by solid state reaction. 2018 , 158, 152-163		13
1447	Evaluation of non-covalent interactions of chlorambucil (monomer and dimer) and its interaction with biological targets: Vibrational frequency shift, electron density topological and automated docking analysis. 2018 , 11, 591-608		3
1446	Effects of ageing and successive slash-and-burn practice on the chemical composition of charcoal and yields of stable carbon. 2018 , 162, 141-147		10
1445	Multiplex Binding of Amyloid-like Protein Nanofilm to Different Material Surfaces. 2018 , 22, 42-48		44
1444	Asparagine and sugars are both required to sustain secondary axis elongation after bud outgrowth in <i>Rosa hybrida</i> . 2018 , 222, 17-27		12

1443	Global proteomic analysis of water buffalo (<i>Bubalus bubalis</i>) saliva at different stages of estrous cycle using high throughput mass spectrometry. 2018 , 110, 52-60	4
1442	Large bandgap narrowing in rutile TiO ₂ aimed towards visible light applications and its correlation with vacancy-type defects history and transformation. 2018 , 51, 045107	26
1441	Morphological and biomechanical response to eutrophication and hydrodynamic stresses. 2018 , 622-623, 421-435	13
1440	Structural and vibrational properties of gold-doped titanium clusters: A first-principles study. 2018 , 1124, 32-38	5
1439	Mechanisms of plastic deformation in ultrafine-grained aluminium – in-situ and ex-post studies. 2018 , 715, 320-331	7
1438	Electron Raman scattering in a strained ZnO/MgZnO double quantum well. 2018 , 531, 123-129	3
1437	The inositol pyrophosphate pathway in health and diseases. 2018 , 93, 1203-1227	39
1436	An overview of the possible therapeutic role of SUMOylation in the treatment of Alzheimer's disease. 2018 , 130, 420-437	11
1435	Late Pleistocene dust dynamics and pedogenesis in Southern Eurasia – Detailed insights from the loess profile Toshan (NE Iran). 2018 , 180, 75-95	27
1434	N-Acyl-homoserine lactones and autoinducer-2-mediated quorum sensing during wastewater treatment. 2018 , 102, 1119-1130	25
1433	Innovative spongy TiO ₂ layers for gas detection at low working temperature. 2018 , 259, 658-667	20
1432	Effects of polysaccharides from purple sweet potatoes on immune response and gut microbiota composition in normal and cyclophosphamide treated mice. 2018 , 9, 937-950	99
1431	Unequal termination impedance parallel-coupled lines band-pass filter with arbitrary image impedance. 2018 , 32, 984-996	6
1430	Aerobic Methanotrophs Grew Under Anoxic Conditions and Supported a Diverse Heterotrophic Bacterial Community. 2018 , 35, 804-814	10
1429	Elucidating Functional Dynamics by R1 and R2 Relaxation Dispersion NMR Spectroscopy. 2018 , 197-225	
1428	Thermal constraints on growth, stoichiometry and lipid content of different groups of microalgae with bioenergy potential. 2018 , 30, 1503-1512	7
1427	Reinforcement of natural fiber yarns by cellulose nanomaterials: A multi-scale study. 2018 , 111, 471-481	20
1426	Light-induced reactivity of gold and hybrid perovskite as a new possible degradation mechanism in perovskite solar cells. 2018 , 6, 1780-1786	91

1425	Resting-state functional connectivity of the bed nucleus of the stria terminalis in post-traumatic stress disorder and its dissociative subtype. 2018 , 39, 1367-1379	33
1424	pH-responsive polymer in a core-shell magnetic structure as an efficient carrier for delivery of doxorubicin to tumor cells. 2018 , 67, 967-977	13
1423	Efficient removal of aqueous Pb(II) using partially reduced graphene oxide-Fe ₃ O ₄ . 2018 , 36, 1031-1048	43
1422	Structural, magnetic and optical properties of sonochemically synthesized Zr-ferrite nanoparticles. 2018 , 328, 1-6	13
1421	Foldover effect and energy output from a nonlinear pseudo-maglev harvester. 2018 ,	2
1420	Cost effectiveness of phosphorus removal processes in municipal wastewater treatment. 2018 , 197, 280-290	88
1419	Mobile Magnetic Nanocatalysts for Bioorthogonal Targeted Cancer Therapy. 2018 , 28, 1705920	58
1418	Experimental investigation of particle migration in suspension flow through bifurcating microchannels. 2018 , 64, 2293-2307	5
1417	Microwave Vortex-Beam Emitter Based on Spoof Surface Plasmon Polaritons. 2018 , 12, 1600316	33
1416	DPF soot as an adsorbent for Cu(II), Cd(II), and Cr(VI) compared with commercial activated carbon. 2018 , 25, 8620-8635	9
1415	Overexpression of spoT gene in coccoid forms of clinical Helicobacter pylori isolates. 2018 , 63, 459-465	6
1414	Impact of regional haze towards air quality in Malaysia: A review. 2018 , 177, 28-44	90
1413	ZnO nanoparticle preparation route influences surface reactivity, dissolution and cytotoxicity. 2018 , 5, 572-588	18
1412	Root endophytic Chaetomium cupreum promotes plant growth and detoxifies aluminum in Miscanthus sinensis Andersson growing at the acidic mine site. 2018 , 33, 109-122	10
1411	Confocal microscopic dual-laser dual-polarization FRET (2polFRET) at the acceptor side for correlating rotations at different distances on the cell surface. 2018 , 1862, 1050-1068	1
1410	PtIr/Ti ₄ O ₇ as a bifunctional electrocatalyst for improved oxygen reduction and oxygen evolution reactions. 2018 , 358, 287-294	34
1409	A facile route for the syntheses of Ni(OH) ₂ and NiO nanostructures as potential candidates for non-enzymatic glucose sensor. 2018 , 516, 121-127	47
1408	A knot in a network: Residential mobility at the Late Iron Age proto-urban centre of Basel-Gasfabrik (Switzerland) revealed by isotope analyses. 2018 , 17, 735-753	4

1407	Fibre-optic temperature and pressure sensor based on a deformable concave micro-mirror. 2018 , 270, 205-213	9
1406	Soil bacterial community responses to altered precipitation and temperature regimes in an old field grassland are mediated by plants. 2018 , 94,	29
1405	The phosphorus-rich signature of fire in the soil-plant system: a global meta-analysis. 2018 , 21, 335-344	54
1404	The extent and predictability of the biodiversity-carbon correlation. 2018 , 21, 365-375	26
1403	Forming-free resistive switching characteristics in tantalum oxide and manganese oxide based crossbar array structure. 2018 , 190, 7-10	8
1402	Regulatory Roles of Histone Deacetylases 1 and 2 in Pb-induced Neurotoxicity. 2018 , 162, 688-701	12
1401	Exogenous application of gamma-aminobutyric acid (GABA) alleviates the effect of water deficit stress in black cumin (<i>Nigella sativa</i> L.). 2018 , 112, 741-748	42
1400	Fabricating ultrafine grain by advanced thermomechanical processing on low-carbon microalloyed steel. 2018 , 152, 132-136	8
1399	Strain hardening in gradient nano-grained Cu at 77 K. 2018 , 153, 6-9	17
1398	Modulation of plant chemistry by beneficial root microbiota. 2018 , 35, 398-409	53
1397	Authenticity analyses of <i>Rhizoma Paridis</i> using barcoding coupled with high resolution melting (Bar-HRM) analysis to control its quality for medicinal plant product. 2018 , 13, 8	15
1396	A modified method for genomic DNA extraction from the fish intestinal microflora. 2018 , 8, 52	4
1395	The occurrence of antibiotic resistance genes in tap water â a review. 2018 , 30, 01012	1
1394	Lipid profiles in French West Indies sickle cell disease cohorts, and their general population. 2018 , 17, 38	8
1393	Reference gene identification for reliable normalisation of quantitative RT-PCR data in. 2018 , 14, 24	22
1392	Anode performance of hydrothermally grown carbon nanostructures and their molybdenum chalcogenides for Li-ion batteries. 2018 , 8, 610-616	4
1391	FeO -Based Materials for Electrochemical Energy Storage. 2018 , 5, 1700986	101
1390	Molecular Chaperones: Structure-Function Relationship and their Role in Protein Folding. 2018 , 181-218	6

1389	Hydrogen evolution reaction and electronic structure calculation of two dimensional bismuth and its alloys. 2018 , 43, 21649-21654	14
1388	Molecular detection and identification of Rickettsia in psocids collected from herbs. 2018 , 77, 144-147	2
1387	Directly deposited porous two-dimensional MoS ₂ films as electrocatalysts for hydrogen evolution reactions. 2018 , 225, 65-68	14
1386	Quantitative comparison of different iron forms in the temporal cortex of Alzheimer patients and control subjects. <i>Scientific Reports</i> , 2018 , 8, 6898	4-9 24
1385	Improving light extraction of flexible OLEDs using a mechanically robust Ag mesh/ITO composite electrode and microlens array. 2018 , 6, 5444-5452	33
1384	Synthesis of cinnamyl benzoate over novel heteropoly acid encapsulated ZIF-8. 2018 , 560, 54-65	22
1383	Analysis of the grapevine moth <i>Lobesia botrana</i> antennal transcriptome and expression of odorant-binding and chemosensory proteins. 2018 , 27, 1-12	10
1382	Influence of Fe substitution on structure and Raman spectra of La _{0.67} Sr _{0.33} MnO ₃ : Experimental and density functional studies. 2018 , 541, 103-110	3
1381	Degradation trends based on MODIS-derived estimates of productivity and water use efficiency: A case study for the cultivated pastures in the Brazilian Cerrado. 2018 , 11, 30-40	2
1380	The wing base of the palaeodictyopteran genus <i>Dunbaria</i> Tillyard: Where are we now?. 2018 , 47, 339-351	8
1379	Non-toxic properties of TiO ₂ and STiO ₂ nanocomposite PES ultrafiltration membranes for application in membrane-based environmental biotechnology. 2018 , 158, 248-255	10
1378	Causes of reduced leaf-level photosynthesis during strong El Niño drought in a Central Amazon forest. 2018 , 24, 4266-4279	37
1377	Response of the wheat rhizosphere soil nematode community in wheat/walnut intercropping system in Xinjiang, Northwest China. 2018 , 53, 297-306	6
1376	The cysteine-reactive small molecule ebselen facilitates effective SOD1 maturation. 2018 , 9, 1693	43
1375	A guide to miRNAs in inflammation and innate immune responses. 2018 , 285, 3695-3716	68
1374	The impact of occupational exposure to traffic-related air pollution among professional motorcyclists from Porto Alegre, Brazil, and its association with genetic and oxidative damage. 2018 , 25, 18620-18631	13
1373	Based on ZnSe quantum dots labeling and single particle mode ICP-MS coupled with sandwich magnetic immunoassay for the detection of carcinoembryonic antigen in human serum. 2018 , 1028, 22-31	29
1372	Evaluation of synthetic promoters in <i>Physcomitrella patens</i> . 2018 , 500, 418-422	11

1371	A dynamic-pulse pseudo-pressure method to determine shale matrix permeability at representative reservoir conditions. 2018 , 193, 61-72	16
1370	Nature, Mind, and Medicine: A Model for Mind-Body Healing. 2018 , 14, 268-276	5
1369	GCMC simulations on the adsorption mechanisms of CH ₄ and CO ₂ in K-illite and their implications for shale gas exploration and development. 2018 , 224, 521-528	36
1368	Diet and mobility of fauna from Late Neolithic–Chalcolithic site of Perdigueiros, Portugal. 2018 , 19, 674-685	2
1367	Extracellular Matrix Remodeling and Modulation of Inflammation and Oxidative Stress by Sulforaphane in Experimental Diabetic Peripheral Neuropathy. 2018 , 41, 1460-1476	18
1366	Effect of coordinated water of hexahydrate on nickel platings from choline–urea ionic liquid. 2018 , 53, 10758-10771	12
1365	Role of probiotics and prebiotics in immunomodulation. 2018 , 20, 82-91	50
1364	A facile in-situ hydrothermal route to construct a well-aligned Ag ₂ MoO ₄ /g-C ₃ N ₄ heterojunction with enhanced visible light photodegradation: Mechanistic views. 2018 , 360, 231-241	23
1363	Marine sponge microbial association: Towards disclosing unique symbiotic interactions. 2018 , 140, 169-179	19
1362	Adsorption of CO ₂ by hierarchical structures of f-MWCNTs@Zn/Co-ZIF and N-MWCNTs@Zn/Co-ZIF prepared through in situ growth of ZIFs in CNTs. 2018 , 12, 20-25	7
1361	Large-scale fabrication of highly ordered sub-20 nm noble metal nanoparticles on silica substrates without metallic adhesion layers. 2018 , 4, 4	14
1360	Observations of the Kondo effect and its coexistence with ferromagnetism in a magnetically undoped metal oxide nanostructure. 2018 , 97,	6
1359	Guiding 3D cell migration in deformed synthetic hydrogel microstructures. 2018 , 14, 2816-2826	23
1358	Structural properties of graphene oxide fibers: from graphene oxide dispersion until continuous graphene oxide fiber. 2018 , 109, 1642-1652	1
1357	Understanding pore-level phenomena of n-alkanes at high pressures. 2018 , 165, 505-515	0
1356	Rapid synthesis of interconnected CuCrO ₂ nanostructures: A promising electrode material for photoelectrochemical fuel generation. 2018 , 272, 22-32	12
1355	Sustainable materials for electrochemical capacitors. 2018 , 21, 437-454	162
1354	Sex differences in self-regulatory executive functions are amplified by trait anxiety: The case of students at risk for academic failure. 2018 , 129, 131-137	9

1353	Virulence factors of <i>Moraxella catarrhalis</i> outer membrane vesicles are major targets for cross-reactive antibodies and have adapted during evolution. <i>Scientific Reports</i> , 2018 , 8, 4955	4-9	18
1352	Characterization of a fluorescent hydrogel synthesized using chitosan, polyvinyl alcohol and 9-anthraldehyde for the selective detection and discrimination of trace Fe and Fe in water for live-cell imaging. 2018 , 193, 119-128		34
1351	Liquid-phase solvent-less reactions for value addition of glycerol and phenols over nano porous aluminosilicates. 2018 , 15, 260-268		2
1350	Effect of double layer thickness on magnetoelectric coupling in multiferroic BaTiO ₃ -Bi _{0.95} Gd _{0.05} FeO ₃ multilayers. 2018 , 51, 184002		12
1349	Intestinal incomplete process on the osmoregulation system during <i>Salmo salar</i> smoltification in a productive conditions. 2018 , 491, 121-127		4
1348	The importance of Thermo-Hydro-Mechanical couplings and microstructure to strain localization in 3D continua with application to seismic faults. Part II: Numerical implementation and post-bifurcation analysis. 2018 , 115, 1-29		23
1347	Assembly of graphene oxide-formate dehydrogenase composites by nickel-coordination with enhanced stability and reusability. 2018 , 18, 326-333		5
1346	Effects of pH and aggregation in the human prion conversion into scrapie form: a study using molecular dynamics with excited normal modes. 2018 , 47, 583-590		5
1345	Amino acid-grafted and N-acylated chitosan thiomers: Construction of 3D bio-scaffolds for potential cartilage repair applications. 2018 , 114, 270-282		44
1344	Electromagnetic shielding effectiveness of carbon fabric/epoxy composite with continuous graphene oxide fiber and multiwalled carbon nanotube. 2018 , 52, 3341-3350		10
1343	p-Nitrophenol determination and remediation: an overview. 2018 , 37,		25
1342	How do environment-dependent switching rates between susceptible and persister cells affect the dynamics of biofilms faced with antibiotics?. 2018 , 4, 6		14
1341	Stabilized fabrication of anatase-TiO ₂ /FeS (pyrite) semiconductor composite nanocrystals for enhanced solar light-mediated photocatalytic degradation of methylene blue.. 2018 , 8, 11935-11945		23
1340	SAMHD1: Recurring roles in cell cycle, viral restriction, cancer, and innate immunity. 2018 , 51, 96-110		20
1339	Kinetics of perovskite-like oxygen carriers for chemical looping air separation. 2018 , 35, 626-636		5
1338	Heavy Metal Stress and Its Consequences on Exopolysaccharide (EPS)-Producing <i>Pantoea</i> agglomerans. 2018 , 186, 199-216		42
1337	Innovative aspects of protein stability in ionic liquid mixtures. 2018 , 10, 841-846		26
1336	The removal of radioactive strontium ions from aqueous solutions by isotopic exchange using strontium decavanadates and corresponding mixed oxides. 2018 , 344, 194-205		8

1335	A facile synthesis of a SnO ₂ /Graphene oxide nano-nano composite and its photoreactivity. 2018 , 212, 149-154	8
1334	Adolescent Tuning of Association Cortex in Human Structural Brain Networks. 2018 , 28, 281-294	84
1333	Graphene based hybrid/composite for electron field emission: A´ review. 2018 , 749, 60-84	19
1332	High-precision frequency measurement system based on different frequency quantization phase comparison. 2018 , 122, 220-223	4
1331	Reaching the limiting current regime by linear sweep voltammetry in ion-exchange membrane systems. 2018 , 555, 134-145	1
1330	Analysis of vertical upward oil-gas-water three-phase flow based on multi-scale time irreversibility. 2018 , 62, 9-18	5
1329	Extraordinary Bauschinger effect in gradient structured copper. 2018 , 150, 57-60	42
1328	Hidden Quantum Processes, Quantum Ion Channels, and 1/f-Type Noise. 2018 , 30, 1830-1929	
1327	Simple and low price of monodispersed rice-like Fe ₂ O ₃ supported by modified bamboo charcoal with enhanced lithium storage. 2018 , 816, 114-122	13
1326	Characterization of a β adrenergic receptor protein precursor in the European eel (<i>Anguilla anguilla</i>) and its tissue distribution across silvering. 2018 , 137, 158-168	1
1325	The quality of temporal ghost imaging over optical fiber. 2018 , 104, 197-200	3
1324	Application of wavelet transform in spectrum sensing for cognitive radio: A survey. 2018 , 28, 45-57	16
1323	Metabolomic analysis applied to chemosystematics and evolution of megadiverse Brazilian Vernoniaeae (Asteraceae). 2018 , 150, 93-105	12
1322	The influence of medium elasticity on the prediction of histotripsy-induced bubble expansion and erythrocyte viability. 2018 , 63, 095010	15
1321	Robust Measurement via A Fused Latent and Graphical Item Response Theory Model. 2018 , 83, 538-562	8
1320	Liraglutide ameliorated peripheral neuropathy in diabetic rats: Involvement of oxidative stress, inflammation and extracellular matrix remodeling. 2018 , 146, 173-185	25
1319	Cyclometalated iridium(III) complexes for life science. 2018 , 363, 71-91	115
1318	Hydrogen storage properties of various carbon supported NaBH ₄ prepared via metathesis. 2018 , 43, 7108-7116	27

1317	Indentation-Enabled In Situ Mechanical Characterization of Micro/Nanopillars in Electron Microscopes. 2018 , 70, 487-493		1
1316	Flexible, large-area, all-solid-state supercapacitors using spray deposited PEDOT:PSS/reduced-graphene oxide. 2018 , 270, 37-47		46
1315	Enzymatic degradation of poly-[(R)-3-hydroxybutyrate]: Mechanism, kinetics, consequences. 2018 , 112, 156-162		12
1314	I-AbACUS: a Reliable Software Tool for the Semi-Automatic Analysis of Invasion and Migration Transwell Assays. <i>Scientific Reports</i> , 2018 , 8, 3814	4-9	4
1313	Antimicrobial activity of nano-sized silver colloids stabilized by nitrogen-containing polymers: the key influence of the polymer capping.. 2018 , 8, 10873-10882		26
1312	GABA excitation and synaptogenesis after Status Epilepticus - A computational study. <i>Scientific Reports</i> , 2018 , 8, 4193	4-9	0
1311	Crystal structure, characterization and catalytic activities of Cu(II) coordination complexes with 8-hydroxyquinoline and pyrazine-2-carboxylic acid. 2018 , 32, e4213		8
1310	L-Arginine modified multi-walled carbon nanotube/sulfonated poly(ether ether ketone) nanocomposite films for biomedical applications. 2018 , 444, 168-176		17
1309	Facile one-pot electrosynthesis of zinc hydroxide for the adsorption of hazardous 2-(2-methyl-4-chlorophenoxy) propionic acid (MCP) from water and its modelling studies. 2018 , 6, 2017-2026		19
1308	Selective detections of nitroaromatic explosives by monomeric and polymeric Bi(III) complexes. 2018 , 264, 363-371		18
1307	The Molten Globule Concept: 45 Years Later. 2018 , 83, S33-S47		14
1306	Mass spectrometric strategies for the investigation of biomarkers of illicit drug use in wastewater. 2018 , 37, 258-280		57
1305	Interactions between phytochemicals from fruits and vegetables: Effects on bioactivities and bioavailability. 2018 , 58, 1310-1329		71
1304	Molecular elements of pheromone detection in the female moth, <i>Heliothis virescens</i> . 2018 , 25, 389-400		6
1303	Predictive mechanisms linking brain opioids to chronic pain vulnerability and resilience. 2018 , 175, 2778-2790		7
1302	Mechanism of ultra-low friction of multilayer graphene studied by all atom molecular dynamics. 2018 , 24, 757-764		8
1301	Pioneering topological methods for network-based drug-target prediction by exploiting a brain-network self-organization theory. 2018 , 19, 1183-1202		36
1300	Modelling audiovisual integration of affect from videos and music. 2018 , 32, 516-529		9

1299	Proliferative and antioxidant activity of <i>Symphytum officinale</i> root extract. 2018 , 32, 605-609	31
1298	Integration of graphene in poly(lactic) acid by 3D printing to develop creep and wear-resistant hierarchical nanocomposites. 2018 , 39, 3877-3888	54
1297	Breast cancer metabolic cross-talk: Fibroblasts are hubs and breast cancer cells are gatherers of lipids. 2018 , 462, 93-106	36
1296	Current evidence for AMPK activation involvement on resveratrol-induced neuroprotection in cerebral ischemia. 2018 , 21, 229-247	26
1295	Evaluation of direct membrane filtration and direct forward osmosis as concepts for compact and energy-positive municipal wastewater treatment. 2018 , 39, 264-276	21
1294	The maximum growth rate of life on Earth. 2018 , 17, 17-33	6
1293	Feline urine metabolomic signature: characterization of low-molecular-weight substances in urine from domestic cats. 2018 , 20, 155-163	7
1292	The energy expenditure benefits of reallocating sedentary time with physical activity: a systematic review and meta-analysis. 2018 , 40, 295-303	5
1291	A push&pull strategy to control aphids combines intercropping with semiochemical releases. 2018 , 91, 93-103	32
1290	Progress in CVD synthesis of layered hexagonal boron nitride with tunable properties and their applications. 2018 , 63, 162-203	25
1289	Vertically Aligned Silicon Nanowire Array Decorated by Ag or Au Nanoparticles as SERS Substrate for Bio-molecular Detection. 2018 , 13, 1057-1080	14
1288	Efficiency enhancement using voltage biasing for ferroelectric polarization in dye-sensitized solar cells. 2018 , 429, 37-41	4
1287	The BCD of response time analysis in experimental economics. 2018 , 21, 383-433	47
1286	Mass transfer kinetics of biosorption of nitrogenous matter from palm oil mill effluent by aerobic granules in sequencing batch reactor. 2018 , 39, 2151-2161	7
1285	Formation of an ionic PTCA-PBA-NH ₂ complex and its fluorescent changes triggered by cyclic boronate ester establishing and cleavage reaction. 2018 , 355, 425-430	
1284	Recent Developments on Epoxy-Based Thermally Conductive Adhesives (TCA): A Review. 2018 , 57, 903-934	19
1283	Neurobiological effect of selective brain cooling after concussive injury. 2018 , 12, 891-900	3
1282	No evidential correlation between veterinary antibiotic degradation ability and resistance genes in microorganisms during the biodegradation of doxycycline. 2018 , 147, 759-766	20

1281	âRacial realism II: Are folk races real?â 2018, 13, e12467	6
1280	Chemical hydrodynamics of a downward microbubble flow for intensification of gas-fed bioreactors. 2018, 64, 1399-1411	11
1279	Rice straw as a feedstock for biofuels: Availability, recalcitrance, and chemical properties. 2018, 12, 83-107	84
1278	Experimental demonstration of a broadband two-mode multi/demultiplexer based on asymmetric Y-junctions. 2018, 100, 7-11	21
1277	Estimation of incomplete values in heterogeneous attribute large datasets using discretized Bayesian maxâmin ant colony optimization. 2018, 56, 309-334	4
1276	Experimental Studies: Clay Swelling. 2018, 125-145	6
1275	Characterization of free and bound volatile compounds in six Ribes nigrum L. blackcurrant cultivars. 2018, 103, 301-315	12
1274	Investigation of cardiac fibroblasts using myocardial slices. 2018, 114, 77-89	34
1273	Surface functionalization and manipulation of mesoporous silica adsorbents for improved removal of pollutants: a review. 2018, 4, 110-128	101
1272	Enhanced refinement and modification via self-inoculation of Si phase in a hypereutectic aluminium alloy. 2018, 252, 294-303	12
1271	Pamoic acid esters and their xanthene derivatives: Fluorimetric detection of nitroaromatic compounds and non-linear optical properties. 2018, 255, 3344-3354	14
1270	Study of the modes of adsorption and electronic structure of hydrogen peroxide and ethanol over TiO2 rutile (110) surface within the context of water splitting. 2018, 669, 103-113	18
1269	Effect of soybean meal fermented with Bacillus subtilis BS12 on growth performance and small intestinal immune status of piglets. 2018, 29, 133-146	27
1268	On the limit cycles, period-doubling, and quasi-periodic solutions of the forced Van der Pol-Duffing oscillator. 2018, 78, 1217-1231	4
1267	Biological activities of farnesiferol C: a review. 2018, 20, 27-35	6
1266	Porous Chambers, Echoes of Valence and Stereotypes: A Network Analysis of Online News Coverage Interconnectedness Following a Nationally Polarizing Race-Related Event. 2018, 9, 163-175	6
1265	Using benzene carboxylic acids to prepare zirconium-based catalysts for the conversion of biomass-derived furfural. 2018, 5, 464-472	7
1264	In-situ synthesis of graphene nanosheets coated copper for preparing reinforced aluminum matrix composites. 2018, 709, 65-71	37

1263	Free-radical polymerizations of and in deep eutectic solvents: Green synthesis of functional materials. 2018 , 78, 139-153	123
1262	Use of silica fume and natural volcanic ash as a replacement to Portland cement: Micro and pore structural investigation using NMR, XRD, FTIR and X-ray microtomography. 2018 , 158, 574-590	74
1261	Modeling the chemotherapy-induced selection of drug-resistant traits during tumor growth. 2018 , 436, 120-134	17
1260	Silicon-containing block copolymers for lithographic applications. 2018 , 77, 19-68	48
1259	Biomethanization of solid wastes from the alcoholic beverage industry: Malt and sloe. Kinetic and microbiological analysis. 2018 , 334, 650-656	7
1258	Terminal deoxynucleotidyl transferase-induced DNAzyme nanowire sensor for colorimetric detection of lipopolysaccharides. 2018 , 256, 790-796	11
1257	Recent advancement in metal cathode and hole-conductor-free perovskite solar cells for low-cost and high stability: A route towards commercialization. 2018 , 82, 845-857	59
1256	Cobalt ferrite nanoparticles (CoFe ₂ O ₄ MNPs) as catalyst and support: magnetically recoverable nanocatalysts in organic synthesis. 2018 , 7, 43-68	73
1255	Neural processing of morphosyntactic tonal cues in second-language learners. 2018 , 45, 60-78	11
1254	Color temperature of light-emitting diode lighting matters for optimum growth and welfare of broiler chickens. 2018 , 12, 1015-1021	21
1253	Rational strain engineering interventions to enhance cellulase secretion by <i>Saccharomyces cerevisiae</i> . 2018 , 12, 108-124	18
1252	Catalytic performance of Ag, Au and Ag-Au nanoparticles synthesized by lichen extract. 2018 , 7, 433-440	12
1251	Preparation and properties of magnetic photoresponsive oil-absorption resins. 2018 , 135, 45756	3
1250	Characterization, genetic regulation and production of cyanobacterial exopolysaccharides and its applicability for heavy metal removal. 2018 , 179, 228-243	61
1249	Laser microdissection hyphenated with high performance gel permeation chromatography-charged aerosol detector and ultra performance liquid chromatography-triple quadrupole mass spectrometry for histochemical analysis of polysaccharides in herbal medicine: Ginseng, a case study. 2018 , 107, 332-342	10
1248	Phosphatidylserine: A cancer cell targeting biomarker. 2018 , 52, 17-25	88
1247	Intestinal <i>Lactobacillus</i> in health and disease, a driver or just along for the ride?. 2018 , 49, 140-147	145
1246	Synthesis of silver phosphate/graphene oxide composite and its enhanced visible light photocatalytic mechanism and degradation pathways of tetrabromobisphenol A. 2018 , 342, 353-363	44

1245	From field to food—Will pesticide-contaminated pollen diet lead to a contamination of royal jelly?. 2018 , 49, 112-119	32
1244	Cell-secreted vesicles containing microRNAs as regulators of gamete maturation. 2018 , 236, R15-R27	39
1243	De novo assembly and annotation of the whole transcriptome of <i>Oratosquilla oratoria</i> . 2018 , 38, 17-20	9
1242	Cascades of Ionic and Molecular Networks Involved in Expression of Genes Underpin Salinity Tolerance in Cotton. 2018 , 37, 668-679	13
1241	Printing Polymer Nanocomposites and Composites in Three Dimensions. 2018 , 20, 1700539	41
1240	Selective substrate uptake: The role of ATP-binding cassette (ABC) importers in pathogenesis. 2018 , 1860, 868-877	78
1239	Lens power in Iranian schoolchildren: a population-based study. 2018 , 102, 779-783	8
1238	Conserved and variable: Understanding mammary stem cells across species. 2018 , 93, 125-136	15
1237	Spin-up “pristine-like” Dirac cone in bridge-structure graphene on Ni(111). 2018 , 427, 949-952	
1236	Gut histology, immunology and the intestinal microbiota of rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum), fed process variants of soybean meal. 2018 , 49, 492-504	28
1235	Influence of rare-earth metal on the zinc oxide nanostructures: application in the photocatalytic degradation of methylene blue and p-nitro phenol. 2018 , 7, 360-371	24
1234	Tuning nano-nickel selectivity with tin in flow hydrogenation of 6-methyl-5-hepten-2-one by surface organometallic chemistry modification. 2018 , 308, 38-44	6
1233	Epigenetic regulation - contribution to herbicide resistance in weeds?. 2018 , 74, 275-281	28
1232	Preparation of Au-loaded TiO ₂ pecan-kernel-like and its enhanced toluene sensing performance. 2018 , 255, 2240-2247	30
1231	Design and Fabrication of Metamaterials and Metadevices. 2018 , 23-37	1
1230	Evidence for molecular antagonistic mechanism between mercury and selenium in rice (<i>Oryza sativa</i> L.): A combined study using 1, 2-dimensional electrophoresis and SR-XRF techniques. 2018 , 50, 435-440	12
1229	Cd isotope fractionation during sulfide mineral weathering in the Fule Zn-Pb-Cd deposit, Yunnan Province, Southwest China. 2018 , 616-617, 64-72	22
1228	Biomass-derived electrodes for flexible supercapacitors. 2018 , 9, 18-24	46

1227	Artful and multifaceted applications of carbon dot in biomedicine. 2018 , 269, 302-321	74
1226	Screening and identification of α -glucosidase inhibitors from Shenqi Jiangtang Granule by ultrafiltration liquid chromatography and mass spectrometry. 2018 , 41, 797-805	16
1225	Formability of a wrought Mg alloy evaluated by impression testing. 2018 , 712, 140-145	15
1224	A hydrogel-mediated scalable strategy toward core-shell polyaniline/poly(acrylic acid)-modified carbon nanotube hybrids as efficient electrodes for supercapacitor applications. 2018 , 436, 189-197	17
1223	Current advances in aptamer-assisted technologies for detecting bacterial and fungal toxins. 2018 , 124, 644-651	19
1222	Multilineage Constructs for Scaffold-Based Tissue Engineering: A Review of Tissue-Specific Challenges. 2018 , 7, 1700734	17
1221	Renewable energy powered membrane technology: Impact of pH and ionic strength on fluoride and natural organic matter removal. 2018 , 621, 138-147	14
1220	Ancient chromosomal rearrangement associated with local adaptation of a postglacially colonized population of Atlantic Cod in the northwest Atlantic. 2018 , 27, 339-351	37
1219	Image enhancement variational methods for enabling strong cost reduction in OLED-based point-of-care immunofluorescent diagnostic systems. 2018 , 34, e2932	6
1218	A review on metallic porous materials: pore formation, mechanical properties, and their applications. 2018 , 95, 2641-2659	60
1217	Design, synthesis, in silico and antiproliferative evaluation of novel pyrazole derivatives as VEGFR-2 inhibitors. 2018 , 351, 1700234	13
1216	A Q-switched, 1.89 μ m fiber laser using an Fe ₃ O ₄ -based saturable absorber. 2018 , 195, 181-186	18
1215	CoS ₂ @TiO ₂ hybrid nanostructures: efficient and durable bifunctional electrocatalysts for alkaline electrolyte membrane water electrolyzers. 2018 , 6, 1075-1085	30
1214	From hyperspectral imaging to multispectral imaging: Portability and stability of HIS-MIS algorithms for common defect detection. 2018 , 137, 95-105	26
1213	Impacts of climate change on rice production in Africa and causes of simulated yield changes. 2018 , 24, 1029-1045	93
1212	Polyethylene-supported ultra-thin polyvinylidene fluoride/hydroxyethyl cellulose blended polymer electrolyte for 5 V high voltage lithium ion batteries. 2018 , 6, 1496-1503	32
1211	The role of microzooplankton trophic interactions in modelling a suite of mesocosm ecosystems. 2018 , 368, 169-179	4
1210	Effect of multiwalled carbon nanotube alignment on the tensile fatigue behavior of nanocomposites. 2018 , 52, 2365-2374	11

1209	Temperature and ultrasound sensitive gatekeepers for the controlled release of chemotherapeutic drugs from mesoporous silica nanoparticles. 2018 , 6, 428-439	47
1208	Generalisability of an online randomised controlled trial: an empirical analysis. 2018 , 72, 173-178	15
1207	Growth and Characterization of 3D Flower-Like ENiS on Carbon Cloth: A Dexterous and Flexible Multifunctional Electrode for Supercapattery and Water-Splitting Applications. 2018 , 5, 1701056	37
1206	RAPTA complexes containing N-substituted Tetrazole scaffolds: Synthesis, characterization and Antiproliferative activity. 2018 , 32, e4179	7
1205	Haze and health impacts in ASEAN countries: a systematic review. 2018 , 25, 2096-2111	25
1204	Characterization of Trametes versicolor laccase-catalyzed degradation of estrogenic pollutants: Substrate limitation and product identification. 2018 , 127, 146-159	36
1203	Enhanced capillary electrophoretic screening of Alzheimer based on direct apolipoprotein E genotyping and one-step multiplex PCR. 2018 , 1072, 290-299	3
1202	Elastostatic reversibility in thermally formed bulk metallic glasses: nanobeam diffraction fluctuation electron microscopy. 2018 , 10, 1081-1089	7
1201	Impact of fuel selection on the environmental performance of post-combustion calcium looping applied to a cement plant. 2018 , 210, 75-87	21
1200	Water absorption and viscosity behaviour of thermally stable novel graft copolymer of carboxymethyl cellulose and poly(sodium 1-hydroxy acrylate). 2018 , 181, 862-870	11
1199	Characterization of poly(lactic acid) melt spun fiber aligned scaffolds prepared with hot pressing method. 2018 , 214, 178-181	7
1198	Current knowledge and potential applications of cavitation technologies for the petroleum industry. 2018 , 42, 493-507	50
1197	Design of two isorecticular Cd-biphenyltetracarboxylate frameworks for dye adsorption, separation and photocatalytic degradation. 2018 , 47, 700-707	34
1196	Calcitonin gene-related peptide (CGRP): role in peripheral nerve regeneration. 2018 , 29, 369-376	19
1195	Enhancement in NBE emission and optical band gap by Al doping in nanocrystalline ZnO thin films. 2018 , 26, 1-10	20
1194	Easy and fast extraction methods to determine organochlorine pesticides in sewage sludge, soil, and water samples based at low temperature. 2018 , 53, 199-206	4
1193	Versatile hyaluronic acid modified AQ4N-Cu(II)-gossypol infinite coordination polymer nanoparticles: Multiple tumor targeting, highly efficient synergistic chemotherapy, and real-time self-monitoring. 2018 , 154, 197-212	46
1192	Protective effect of the hydroalcoholic extract of Tripodanthus acutifolius in hypercholesterolemic Wistar rats. 2018 , 97, 300-309	2

1191	Biometric, physiological and anatomical responses of <i>Passiflora</i> spp. to controlled water deficit. 2018 , 229, 77-90	30
1190	Magnetic bead-based peptide extraction methodology for tissue imaging. 2017 , 143, 133-140	5
1189	Heavy metal remediation with <i>Ficus microcarpa</i> through transplantation and its environmental risks through field scale experiment. 2018 , 193, 244-250	3
1188	Stable and radioactive cesium: A review about distribution in the environment, uptake and translocation in plants, plant reactions and plants' potential for bioremediation. 2018 , 618, 1459-1485	83
1187	Design and Anchorage Dependence of Shape Memory Alloy Actuators on Enhanced Voiding of a Bladder. 2018 , 3, 1700184	9
1186	Removal of TiO nanoparticles from water by low pressure pilot plant filtration. 2018 , 618, 551-560	13
1185	An integrated approach for extraction of lithology information using the SPOT 6 imagery in a heavily Quaternary-covered regionâNorth Baoji District of China. 2018 , 53, 352-363	10
1184	Impact of nanoparticles on flow of a special non-Newtonian third-grade fluid over a porous heated shrinking sheet with nonlinear radiation. 2018 , 7, 103-111	3
1183	The evaluation of potent antitumor activities of shikonin coumarin-carboxylic acid, PMMB232 through HIF-1 β mediated apoptosis. 2018 , 97, 656-666	15
1182	The storage degradation of an 18650 commercial cell studied using neutron powder diffraction. 2018 , 374, 31-39	23
1181	Tuning the wettability and photoluminescence of graphene quantum dots via covalent modification. 2018 , 42, 355-362	21
1180	Pyridoxamine driven selective turn-off detection of picric acid using glutathione stabilized fluorescent copper nanoclusters and its applications with chemically modified cellulose strips. 2018 , 102, 196-203	54
1179	Atomistic modeling of graphene/hexagonal boron nitride polymer nanocomposites: a review. 2018 , 8, e1346	63
1178	Genetically Engineered Food Crops to Abiotic Stress Tolerance. 2018 , 247-279	2
1177	An organic silver complex conductive ink using both decomposition and self-reduction mechanisms in film formation. 2018 , 29, 2771-2783	14
1176	Illumina MiSeq sequencing investigation of Chanhua (<i>Cordyceps cicadae</i> Shing) fungal community structures in different regions. 2018 , 5, 206-212	1
1175	White matter microstructure predicts longitudinal social cognitive outcomes after paediatric traumatic brain injury: a diffusion tensor imaging study. 2018 , 48, 679-691	32
1174	A Review on Mycosynthesis, Mechanism, and Characterization of Silver and Gold Nanoparticles. 2018 , 8, 17-31	25

1173	Impact of the removal of N-terminal non-structured amino acids on activity and stability of xylanases from <i>Orpinomyces</i> sp. PC-2. 2018 , 106, 312-319	10
1172	A new method for extraction of alteration information using the Landsat 8 imagery in a heavily vegetated and sediments-covered region: A case study from Zhejiang Province, E. China. 2018 , 53, 33-43	3
1171	Biological consequences of weak acidification caused by elevated carbon dioxide in freshwater ecosystems. 2018 , 806, 1-12	35
1170	Chemical Functionalization of Polysaccharides-Towards Biocompatible Hydrogels for Biomedical Applications. 2018 , 24, 1231-1240	59
1169	EXPLAINING THE WATER-HOLDING CAPACITY OF BIOCHAR BY SCANNING ELECTRON MICROSCOPE IMAGES. 2018 , 31, 972-979	14
1168	Spatiotemporal variation in fire occurrence in the state of Amazonas, Brazil, between 2003 and 2016. 2018 , 48, 358-367	4
1167	Single and mixture administration of white tea (<i>Camellia sinensis</i>) and moringa (<i>Moringa oleifera</i>) as antihyperglycemia in diabetic male rats (<i>Sprague-dawley</i>) induced by streptozotocin. 2018 , 196, 012042	
1166	Fabrication of N-Type Silicon Nanowire Biosensor for Sub-10-Femtomolar Concentration of Immunoglobulin. 2018 , 790, 28-33	1
1165	Edaphic and Topographic Factors and their Relationship with Dendrometric Variation of <i>Pinus Taeda</i> L. in a High Altitude Subtropical Climate. 2018 , 42,	3
1164	Past, current, and projected landscape configurational effects on streamflow within the Rocky River HUC-8 watershed of the Charlotte metropolitan region. 2018 , 1, 112-130	
1163	CLEM of Neurons, Tissues and Biofilms immersed in Liquid using The Atmospheric Scanning Electron Microscope (ASEM): Dual Gold-Labeling. 2018 , 24, 340-341	
1162	Functional traits of a native and an invasive clam of the genus <i>Ruditapes</i> occurring in sympatry in a coastal lagoon. <i>Scientific Reports</i> , 2018 , 8, 16901	4-9 3
1161	Cas9-guide RNA ribonucleoprotein-induced genome editing in the industrial green alga sp. strain KJ. 2018 , 11, 326	23
1160	Efficacy of green nanoparticles against cancerous and normal cell lines: a systematic review and meta-analysis. 2018 , 12, 377-391	50
1159	Credibility, audacity and joy: Brand personalities that connect users to social media. 2018 , 15,	1
1158	Nicotinamide riboside has protective effects in a rat model of mesenteric ischaemia-reperfusion. 2018 , 99, 304-311	6
1157	An experimental design framework for Markovian gene regulatory networks under stationary control policy. 2018 , 12, 137	1
1156	The Role of Peroxiredoxins in Various Diseases Caused by Oxidative Stress and the Prospects of Using Exogenous Peroxiredoxins. 2018 , 63, 576-589	1

1155	Swimming Microrobots: Soft, Reconfigurable, and Smart. 2018 , 28, 1707228	103
1154	Microsatellite Markers and Genetic Diversity of Four Scleractinian Corals. 2018 , 44, 484-490	1
1153	Texture and mechanical properties of single crystal copper during equal channel angular pressing by route C. 2018 , 49, 1170-1180	0
1152	Carbon Nanomaterials for Deep-Tissue Imaging in the NIR Spectral Window. 2018 , 87-114	
1151	Mixing models and stable isotopes as tools for research on feeding aquatic organisms. 2018 , 48,	1
1150	The effect of ELOVL6 fatty acid elongase inhibition on the expression of genes associated with the metastasis of breast cancer. 2018 , 67, 2307-2315	1
1149	Floristic diversity analysis of the Ordos Plateau, a biodiversity hotspot in arid and semi-arid areas of China. 2018 , 53, 405-416	3
1148	A novel and cost effective CZTS hole transport material applied in perovskite solar cells. 2018 , 20, 7677-7687	28
1147	Allosteric inhibition induces an open WPD-loop: a new avenue towards glioblastoma therapy.. 2018 , 8, 40187-40197	15
1146	The flow characteristics of solid particles used as additives for lubricants in the point contact area.. 2018 , 8, 9457-9461	1
1145	Label-Free High-Throughput Leukemia Detection by Holographic Microscopy. 2018 , 5, 1800761	27
1144	Label free localization of nanoparticles in live cancer cells using spectroscopic microscopy. 2018 , 10, 19125-19130	2
1143	Thermal transport characterization of carbon and silicon doped stanene nanoribbon: an equilibrium molecular dynamics study.. 2018 , 8, 31690-31699	7
1142	Bilayer graphene/HgCdTe based very long infrared photodetector with superior external quantum efficiency, responsivity, and detectivity.. 2018 , 8, 39579-39592	23
1141	Intense pulsed light (IPL) annealed sol-gel derived ZnO electron injector for the production of high efficiency inverted quantum dot light emitting devices (QLEDs).. 2018 , 8, 36632-36646	3
1140	Protein-induced fluorescence enhancement for a simple and universal detection of protein/small molecule interactions.. 2018 , 8, 39913-39917	4
1139	Physicochemical characterisation of reduced graphene oxide for conductive thin films.. 2018 , 8, 37540-37549	10
1138	All-porous heterostructure of reduced graphene oxideâpolypyrroleânanoporous gold for a planar flexible supercapacitor showing outstanding volumetric capacitance and energy density. 2018 , 6, 22858-22869	34

1137	3D flower-like hierarchical NiCo ₂ O ₄ architecture on carbon cloth fibers as an anode catalyst for high-performance, durable direct urea fuel cells. 2018 , 6, 23019-23027		32
1136	Demographic stochasticity drives epidemiological patterns in wildlife with implications for diseases and population management. <i>Scientific Reports</i> , 2018 , 8, 16846	4-9	6
1135	Microwave catalytic synthesis of ammonia from methane and nitrogen. 2018 , 8, 6302-6305		17
1134	Health functions and structure-activity relationships of natural anthraquinones from plants. 2018 , 9, 6063-6080		52
1133	A preliminary study on the reduction of limonite ore by using rice husk as a reducing agent. 2018 , 316, 012050		4
1132	Dragonfly as a Flexible Platform for Interpreting and Processing Hyperspectral and other High-dimensional Images. 2018 , 24, 560-561		3
1131	Anti-bacteria activity of carbon nanotubes grown on trimetallic catalyst. 2018 , 9, 025008		1
1130	Fabrication of copper oxide based heterojunction thin film solar cells using sputtering. 2018 , 677, 10-18		2
1129	Enhanced Visible Light-Responsive Photocatalytic Properties of Ag/BiPbOCl Nanosheet Composites. 2018 , 13, 292		1
1128	Effects of Shell Encapsulation on the Nonlinear Dynamics of a Microbubble Contrast Agent subjected to Acoustic Energy. 2018 , 225, 04015		
1127	Cytotoxic effects of laser-synthesized silver nanoparticles on human breast adenocarcinoma cells. 2018 , 5, 15567-15572		1
1126	First-principles calculation on electron transport properties of Ca-Si. 2018 , 5, 14052-14056		1
1125	Current Status on Chromium Research and Its Implications for Health and Risk Assessment. 2018 ,		
1124	Targeting CD40 enhances antibody- and CD8-mediated protection against respiratory syncytial virus infection. <i>Scientific Reports</i> , 2018 , 8, 16648	4-9	5
1123	Comparison of Photocatalytic and Photosensitized Oxidation of Paraben Aqueous Solutions Under Sunlight. 2018 , 229, 362		11
1122	Effect of Dipole Corrections and Spin Orbit Coupling on Tungsten Dichalcogenides Monolayer: A <i>in Silico</i> First Principles Study. 2018 ,		3
1121	Bottom-up modeling of chromatin segregation due to epigenetic modifications. 2018 , 115, 12739-12744		61
1120	Redescription and phylogenetic reassessment of the enigmatic anuran <i>Eorubeta nevadensis</i> (Amphibia) based on new specimens from latest Cretaceous-Paleocene beds of the Sheep Pass Formation, Nevada. 2018 , 38, e1510413		1

1119	Surface plasmon polariton nanolasers: Coherent light sources for new applications. 2018 , 27, 114208	7
1118	Terrestrial evaporation response to modes of climate variability. 2018 , 1,	30
1117	Microbial virulence, molecular epidemiology and pathogenic factors of fluoroquinolone-resistant <i>Haemophilus influenzae</i> infections in Guangzhou, China. 2018 , 17, 41	8
1116	Hotspots of recent hybridization between pigs and wild boars in Europe. <i>Scientific Reports</i> , 2018 , 8, 17372-9	25
1115	Multilevel magnetic resonance imaging compression using compressive sensing. 2018 , 12, 2186-2191	7
1114	Outstanding research opportunities at the interface of evolution and medicine. 2018 , 2, 3-4	
1113	Micro Fabry-Pérot Interferometer at Rayleigh Range. <i>Scientific Reports</i> , 2018 , 8, 15193	4.9 2
1112	TGR5 Receptor. 2018 , 19-37	
1111	Statistical Optimisation of Fermentation Media for Novel <i>Clostridium novyi</i> -NT Using Response Surface Methodology.. 2018 , 61,	1
1110	Synthetic RNA-based logic computation in mammalian cells. 2018 , 9, 4847	51
1109	Evidence for mitigation of coral bleaching by manganese. <i>Scientific Reports</i> , 2018 , 8, 16789	4.9 10
1108	A nanofilter for fluidic devices by pillar-assisted self-assembly microparticles. 2018 , 12, 064103	6
1107	Molecular identification of <i>Aedes phoeniciae</i> (Diptera: Culicidae) in rockpools along the northern Israeli coast. 2018 , 43, 344-346	4
1106	COMBINED USE OF PARALLEL-PLATE COMPRESSION AND FINITE ELEMENT MODELING TO ANALYZE THE MECHANICAL PROPERTIES OF INTACT PORCINE LENS. 2018 , 18, 1840013	2
1105	Roles of Epigenetic Mechanisms in Grafting and Possible Applications. 2018 , 88, 203-246	4
1104	Spatially explicit valuation of the Brazilian Amazon Forest's Ecosystem Services. 2018 , 1, 657-664	63
1103	Default Mode Network Lateralization and Memory in Healthy Aging and Alzheimer's Disease. 2018 , 66, 1223-1234	20
1102	A Nano-Wrinkled Zn _{0.92} Fe _{0.08} O Thin Film Developed Using a High-RPM Electro-Spin Patterning Technique via Sol-Gel Route For Methane Sensing. 2018 , 3, 11881-11889	3

1101	Genome-wide transcriptome profiling and spatial expression analyses identify signals and switches of development in tapeworms. 2018 , 9, 21		17
1100	The effect of freezing and thawing on water flow and MCPA leaching in partially frozen soil. 2018 , 219, 72-85		20
1099	A New Class of Zn Fe -Oxyselenide and Zn Fe -LDH Nanostructured Material with Remarkable Bifunctional Oxygen and Hydrogen Evolution Electrocatalytic Activities for Overall Water Splitting. 2018 , 14, e1803638		35
1098	Investigation on the adsorption of phosphorus in all fractions from sediment by modified maifanite. <i>Scientific Reports</i> , 2018 , 8, 15619	4.9	11
1097	Delay in the dispersal of flocks moving in unbounded space using long-range interactions. <i>Scientific Reports</i> , 2018 , 8, 15872	4.9	7
1096	Transcriptional response to Wnt activation regulates the regenerative capacity of the mammalian cochlea. 2018 , 145,		24
1095	Exploring the feasibility of development of nanomaterial-based microwave absorbers. 2018 , 8, 241-254		5
1094	Particulate Matter Assessment Using In Situ Observations from 2009 to 2014 over an Industrial Region of Eastern India. 2018 , 2, 305-322		9
1093	Mitochondrial DNA Barcoding of the Pacific Oyster <i>Crassostrea gigas</i> (Thunberg, 1793) (Mollusca: Bivalvia: Ostreidae), Cultivated in the Black Sea. 2018 , 54, 1445-1451		
1092	Water stress in <i>Musa</i> spp.: A systematic review. 2018 , 13, e0208052		11
1091	Appropriate technologies for upgrading wastewater treatment plants: methods review and case studies in China. 2018 , 53, 1207-1220		9
1090	Information processes of task-switching and modality-shifting across development. 2018 , 13, e0198870		2
1089	Gut microbiota profiling in Norwegian weaner pigs reveals potentially beneficial effects of a high-fiber rapeseed diet. 2018 , 13, e0209439		15
1088	Upconversion of low-energy photons in semiconductor nanostructures for solar energy harvesting. 2018 , 5, 1		9
1087	Roles of oxides of nitrogen on quality enhancement of soybean sprout during hydroponic production using plasma discharged water recycling technology. <i>Scientific Reports</i> , 2018 , 8, 16872	4.9	8
1086	Synthesis of copper oxides films via anodic oxidation of copper foil followed by thermal reduction. 2018 , 347, 012010		8
1085	Modern Biophysical Approaches to Study Protein-ligand Interactions. 2018 , 13, 133-155		0
1084	Nutmeg Extract Increases Skeletal Muscle Mass in Aging Rats Partly via IGF1-AKT-mTOR Pathway and Inhibition of Autophagy. 2018 , 2018, 2810840		16

1083	A New Hybrid Bead with Post-stretching Method to Effectively Control Spring-back for Advanced High Strength Steel. 2018 , 418, 012101		
1082	The Optical and Crystallite Characterization of Bilayer TiO ₂ Films Coated on Different ITO layers. 2018 , 16, 1275-1282		1
1081	Mechanical behaviour of Arabica coffee (<i>Coffea arabica</i>) beans under loading compression. 2018 , 122, 012100		
1080	CRISPR/Cas9-mediated glycolate oxidase disruption is an efficacious and safe treatment for primary hyperoxaluria type I. 2018 , 9, 5454		41
1079	Imaging extracellular vesicles: current and emerging methods. 2018 , 25, 91		141
1078	The CRISPR-cas system promotes antimicrobial resistance in <i>Campylobacter jejuni</i> . 2018 , 13, 1757-1774		10
1077	Application of distributed optical fibre for shallow foundation. 2018 , 250, 01019		0
1076	Facile fabrication and mechanistic understanding of a transparent reversible superhydrophobic - superhydrophilic surface. <i>Scientific Reports</i> , 2018 , 8, 18018	4.9	30
1075	Sub-10 nm silicon FinFET devices on SOI substrate made by block copolymer lithography. 2018 ,		1
1074	Associating HO and NO-related changes in the proteome of <i>Mycobacterium smegmatis</i> with enhanced survival in macrophage. 2018 , 7, 212		6
1073	Integration of genetic and epidemiological data to infer H5N8 HPAI virus transmission dynamics during the 2016-2017 epidemic in Italy. <i>Scientific Reports</i> , 2018 , 8, 18037	4.9	11
1072	Quantitative Model for Ion Transport and Cytoplasm Conductivity of Chinese Hamster Ovary Cells. <i>Scientific Reports</i> , 2018 , 8, 17818	4.9	13
1071	Unconscious Perception Reconsidered. 2018 , 59, 471		7
1070	Effect of Ultrasound on Heat Pump Drying Characteristics of Pea Seeds. 2018 , 14,		2
1069	3D Printing of Metallic Cellular Scaffolds for Bone Implants. 2018 , 297-316		2
1068	Bioscaffolding: A New Innovative Fabrication Process. 2018 , 113-143		
1067	Traveling pulse emerges from coupled intermittent walks: A case study in sheep. 2018 , 13, e0206817		1
1066	Thermoelectric Properties of p-Type Half-Heusler Compounds FeNb _{0.9} M _{0.1} Sb (M = Ti, Zr, Hf). 2018 , 59, 1030-1034		5

1065	Phosphatidylserine-microbubble targeting-activated microglia/macrophage in inflammation combined with ultrasound for breaking through the blood-brain barrier. 2018 , 15, 334		10
1064	Effects of near infrared focused laser on the fluorescence of labelled cell membrane. <i>Scientific Reports</i> , 2018 , 8, 17674	4.9	4
1063	Dual SPECT imaging of In and Ga to simultaneously determine in vivo the pharmacokinetics of different radiopharmaceuticals: a quantitative tool in pre-clinical research. 2018 , 63, 235029		3
1062	The informative value of museum collections for ecology and conservation: A comparison with target sampling in the Brazilian Atlantic forest. 2018 , 13, e0205710		8
1061	Symbiotic Microorganisms Enhance Antioxidant Defense in Plants Exposed to Metal/Metalloid-Contaminated Soils. 2018 , 337-366		4
1060	Ultrastructural visualization of <i>Orientia tsutsugamushi</i> in biopsied eschars and monocytes from scrub typhus patients in South Korea. <i>Scientific Reports</i> , 2018 , 8, 17373	4.9	10
1059	Antibacterial properties of subphthalocyanine and subphthalocyanine-TiO ₂ nanoparticles on <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> . 2018 , 22, 1099-1105		11
1058	Combined CNV, haplotyping and whole exome sequencing enable identification of two distinct novel EYS mutations causing RP in a single inbred tribe. 2018 , 176, 2695-2703		0
1057	Epigenetic Regulations of Fleshy Fruit Development and Ripening and Their Potential Applications to Breeding Strategies. 2018 , 88, 327-360		4
1056	Molecular genotyping, diversity studies and high-resolution molecular markers unveiled by microsatellites in <i>Giardia duodenalis</i> . 2018 , 12, e0006928		3
1055	3D Photonic Technologies for Applications on a Chip and Optical Fiber. 2018 ,		
1054	Facile synthesis of Ag/ZnO metal-semiconductor hierarchical photocatalyst nanostructures via the galvanic-potential-enhanced hydrothermal method. 2018 , 20, 7492-7501		8
1053	Martensitic transformations in Ti-6Al-4V (ELI) alloy manufactured by 3D Printing. 2018 , 146, 101-112		37
1052	Assessing the function of pneumococcal neuraminidases NanA, NanB and NanC in in vitro and in vivo lung infection models using monoclonal antibodies. 2018 , 9, 1521-1538		8
1051	Seed size in mountain herbaceous plants changes with elevation in a species-specific manner. 2018 , 13, e0199224		12
1050	A semiphysical current-voltage model with a contact ideality factor for disordered thin-film transistors. 2018 , 17, 1615-1620		3
1049	Differences in the digestive enzyme activity, intestinal mucosa and microbial community in loach cultivated in two separate environments. 2018 , 18, 113		6
1048	Ternary Nanocomposite for Solar Light Photocatalytic Degradation of Methyl Orange. 2018 , 97, 191-195		14

1047	Efficient light trapping and broadband absorption of the solar spectrum in nanopillar arrays decorated with deep-subwavelength sidewall features. 2018 , 10, 18613-18621	5
1046	Controlling the surface structure of electrospun fibers: Effect on endothelial cells and blood coagulation. 2018 , 13, 051001	2
1045	Prospective Advances in Circular RNA Investigation. 2018 , 1087, 357-370	10
1044	Bidirectional backcrosses between wild and cultivated lettuce identify loci involved in nonhost resistance to downy mildew. 2018 , 131, 1761-1776	6
1043	Redox-responsive FRET-based polymer dot with BODIPY for fluorescence imaging-guided chemotherapy of tumor. 2018 , 132, 200-210	6
1042	Effects of CO ₂ miscible flooding on oil recovery and the alteration of rock properties in a carbonate reservoir. 2018 , 28, 26-40	11
1041	Probabilistic risk assessment of oil spill from offshore oil wells in Persian Gulf. 2018 , 136, 291-299	19
1040	Nanospectroscopy Captures Nanoscale Compositional Zonation in Barite Solid Solutions. <i>Scientific Reports</i> , 2018 , 8, 13041	4-9 11
1039	Histological and immunohistochemical study of the potential therapeutic impacts of bone marrow mesenchymal stem cells and exosomes for sciatic nerve crush injury model in rats. 2018 , 41, 160-176	2
1038	Glycosylamines-based reactive matrix designed for imaging acidity in Ponkan fruit using matrix assisted laser desorption/ionization mass spectrometry imaging. 2018 , 1041, 78-86	4
1037	The Lung Microvasculature Is a Functional Immune Niche. 2018 , 39, 890-899	16
1036	A role for Mog1 in H2Bub1 and H3K4me3 regulation affecting RNAPII transcription and mRNA export. 2018 , 19,	7
1035	Resolving a Critical Instability in Perovskite Solar Cells by Designing a Scalable and Printable Carbon Based Electrode-Interface Architecture. 2018 , 8, 1802085	25
1034	Mountain pine beetle (<i>Dendroctonus ponderosae</i>) CYP4Gs convert long and short chain alcohols and aldehydes to hydrocarbons. 2018 , 102, 11-20	37
1033	Major increase in winter and spring precipitation during the Little Ice Age in the westerly dominated northern Qinghai-Tibetan Plateau. 2018 , 199, 30-40	10
1032	A Multipath Mitigation Algorithm for vehicle with Smart Antenna. 2018 , 114, 012010	1
1031	Diffusivity and Solubility of Oxygen in Solvents for Metal/Oxygen Batteries: A Combined Theoretical and Experimental Study. 2018 , 165, A3095-A3099	15
1030	Availability of HIV services along the continuum of HIV testing, care and treatment in Ghana. 2018 , 18, 739	11

1029	Visual imagery of faces and cars in face-selective visual areas. 2018 , 13, e0205041	4
1028	Hydrogel Synthesis and Design. 2018 , 1-41	
1027	Comparative Modeling and Evaluation of Leukotriene B4 Receptors for Selective Drug Discovery Towards the Treatment of Inflammatory Diseases. 2018 , 37, 518-530	5
1026	Symmetric supercapacitor performances of CaCu ₃ Ti ₄ O ₁₂ decorated polyaniline nanocomposite. 2018 , 292, 558-567	19
1025	From spontaneous cooperation to spontaneous punishment – Distinguishing the underlying motives driving spontaneous behavior in first and second order public good games. 2018 , 149, 59-72	8
1024	Lignin-carbohydrate complexes: properties, applications, analyses, and methods of extraction: a review. 2018 , 11, 269	161
1023	Current trends in tendinopathy: consensus of the ESSKA basic science committee. Part II: treatment options. 2018 , 5, 38	23
1022	Calculation of effective dose fifty (ED50) of antivenom for American pit viper envenomation. 2018 , 27, 1321-1325	1
1021	Plasma vitamin C and mortality: the seasons are changing. 2018 , 72, 1073-1075	
1020	Real-Time Hand Gesture Recognition Based on Electromyographic Signals and Artificial Neural Networks. 2018 , 352-361	9
1019	Influence of Process Parameters and Formation of Highly c-Axis Oriented AlN Thin Films on Mo by Reactive Sputtering. 2018 , 47, 7520-7530	8
1018	Postnatal exposure to chlorpyrifos produces long-term effects on spatial memory and the cholinergic system in mice in a sex- and APOE genotype-dependent manner. 2018 , 122, 1-10	15
1017	Perspective: Nonequilibrium dynamics of localized and delocalized excitons in colloidal quantum dot solids. 2018 , 36, 068501	9
1016	Audiovisual multisensory integration in individuals with autism spectrum disorder: A systematic review and meta-analysis. 2018 , 95, 220-234	45
1015	Bichromophoric Sensors for Ratiometric Measurements of Molecular Microenvironments through the Interplay of Charge Transfer and Energy Transfer Channels. 2018 , 83, 1097-1108	2
1014	Bioenergetics-adverse outcome pathway: Linking organismal and suborganismal energetic endpoints to adverse outcomes. 2019 , 38, 27-45	22
1013	The prevalence of olfactory- versus visual-signal encounter by searching bumblebees. <i>Scientific Reports</i> , 2018 , 8, 14590	4-9 6
1012	Preparation and characterization of chitosan beads grafted with poly(methyl methacrylate) for controlled release study. 2018 ,	1

1011	Biomechanical response of a submerged, rosette-forming macrophyte to wave action in a eutrophic lake on the Yungui Plateau, China. 2018 , 25, 34027-34045		4
1010	Trans-aconitic acid inhibits the growth and photosynthesis of Glycine max. 2018 , 132, 490-496		1
1009	Fabry-Perot cavity resonance enabling highly polarization-sensitive double-layer gold grating. <i>Scientific Reports</i> , 2018 , 8, 14787	4-9	10
1008	Smart composite hydrogel with pH-, ionic strength- and temperature-induced actuation. 2018 , 14, 8401-8407		56
1007	Tissue Engineering: Biomaterials for Disc Repair. 2018 , 4, 161-172		4
1006	The Influence of Selection on MHC DQA and DQB Haplotypes in the Endemic New Zealand Hector's and Mūi Dolphins. 2018 , 109, 744-756		2
1005	The Renaissance of Luminescent Solar Concentrators: The Role of Inorganic Nanomaterials. 2018 , 8, 1801903		71
1004	Micronutrients Use Efficiency of Crop-Plants Under Changing Climate. 2018 , 209-224		6
1003	Partner-triggered proteome changes in the cell wall of <i>Bacillus sonorensis</i> and roots of groundnut benefit each other. 2018 , 217, 91-100		4
1002	Bioprinting of tissue engineering scaffolds. 2018 , 9, 2041731418802090		84
1001	Impact of residual covariance structures on genomic prediction ability in multi-environment trials. 2018 , 13, e0201181		3
1000	Genomic characterization reveals significant divergence within <i>Chlorella sorokiniana</i> (Chlorellales, Trebouxiophyceae). 2018 , 35, 449-461		14
999	De novo root transcriptome of a medicinally important rare tree <i>Oroxylum indicum</i> for characterization of the flavonoid biosynthesis pathway. 2018 , 156, 201-213		11
998	Intravesical <i>Mycobacterium brumae</i> triggers both local and systemic immunotherapeutic responses against bladder cancer in mice. <i>Scientific Reports</i> , 2018 , 8, 15102	4-9	9
997	Multi-perspective analysis of vegetation cover changes and driving factors of long time series based on climate and terrain data in Hanjiang River Basin, China. 2018 , 11, 1		14
996	Stimuli-Free and Biocompatible Hydrogel via Hydrazone Chemistry: Synthesis, Characterization, and Bioassessment. 2018 , 71, 1800243		8
995	Accounting for Data Architecture on Structural Equation Modeling of Feedlot Cattle Performance. 2018 , 23, 529-549		1
994	Environmentally Adaptable and Temperature-Selective Self-Healing Polymers. 2018 , 39, e1800689		6

993	Modeling cascading failures and mitigation strategies in PMU based cyber-physical power systems. 2018 , 6, 944-957	20
992	In situ defect detection in selective laser melting via full-field infrared thermography. 2018 , 24, 595-605	39
991	Electrical double layer supercapacitors based on graphene nanoplatelets electrodes in organic and aqueous electrolytes: Effect of binders and scalable performance. 2018 , 408, 91-104	12
990	To grunt or not to grunt: Factors governing call production in female olive baboons, <i>Papio anubis</i> . 2018 , 13, e0204601	5
989	Analysis of Climate Trends and Leading Modes of Climate Variability for MENA Region. 2018 , 123, 13,074	8
988	Polyethylene glycol-coated zinc oxide nanoparticle: an efficient nanoweapon to fight against herpes simplex virus type 1. 2018 , 13, 2675-2690	66
987	Synaptic Excitatory-Inhibitory Balance Underlying Efficient Neural Coding. 2018 , 21, 85-100	0
986	Effects of amine types on the properties of silver oxalate ink and the associated film morphology. 2018 , 29, 20895-20906	7
985	Metal ion and contaminant sorption onto aluminium oxide-based materials: A review and future research. 2018 , 6, 6853-6869	27
984	Interaction Between Closely Packed Array Antenna Elements Using Meta-Surface for Applications Such as MIMO Systems and Synthetic Aperture Radars. 2018 , 53, 1368-1381	41
983	A New ELISA to Overcome the Pitfalls in Quantification of Recombinant Human Monoclonal Anti-HBs, GC1102, by Commercial Immunoassays. 2018 , 20, 18	2
982	A k-mer-based method for the identification of phenotype-associated genomic biomarkers and predicting phenotypes of sequenced bacteria. 2018 , 14, e1006434	22
981	Mathematics of a model for Zika transmission dynamics. 2018 , 137, 209-218	10
980	Development of new bio-based polyol ester from palm oil for potential polymeric drug carrier. 2018 , 37, 3552-3560	4
979	Advances in the Design of Transdermal Microneedles for Diagnostic and Monitoring Applications. 2018 , 14, e1803186	28
978	Porous γ -Fe ₂ O ₃ microspheres decorated with TiO ₂ nanocrystals as highly recyclable photocatalysts and potential highly efficient magnetic hyperthermia agents. 2018 , 29, 20856-20865	7
977	Photocatalytic Activity of Ag-TiO ₂ Composites Deposited by Photoreduction under UV Irradiation. 2018 , 2018, 1-8	17
976	Antimicrobial nano-zinc oxide-2S albumin protein formulation significantly inhibits growth of "Candidatus Liberibacter asiaticus" in planta. 2018 , 13, e0204702	19

975	Genome Duplication in Animal Evolution. 2018 , 54, 1125-1136		3
974	Promise of gene therapy to treat sickle cell disease. 2018 , 18, 1123-1136		8
973	Occupational radiation dose limits: Towards breaking the one-size-fits-all paradigm. 2018 , 55, 155-156		1
972	Genome-wide identification of tomato (<i>Solanum lycopersicum</i> L.) lipoxygenases coupled with expression profiles during plant development and in response to methyl-jasmonate and wounding. 2018 , 231, 318-328		23
971	Corrosion protective self-healing epoxy resin coatings based on inhibitor and polymeric healing agents encapsulated in organic and inorganic micro and nanocontainers. 2018 , 16, 381-395		71
970	Environmental optimization of biomass use for energy under alternative future energy scenarios for Switzerland. 2018 , 119, 462-472		18
969	Early redox activities modulate <i>Xenopus</i> tail regeneration. 2018 , 9, 4296		35
968	Highly Contiguous Genome Assemblies of 15 Species Generated Using Nanopore Sequencing. 2018 , 8, 3131-3141		76
967	Microparticle Delivery of Protein Markers for Single-Cell Western Blotting from Microwells. 2018 , 14, e1802865		9
966	Measuring the mutual diffusion coefficient of heavy water in normal water using a double liquid-core cylindrical lens. <i>Scientific Reports</i> , 2018 , 8, 12610	4.9	1
965	Modelling Self-Organization in Complex Networks Via a Brain-Inspired Network Automata Theory Improves Link Reliability in Protein Interactomes. <i>Scientific Reports</i> , 2018 , 8, 15760	4.9	6
964	New insights into tomato microRNAs. <i>Scientific Reports</i> , 2018 , 8, 16069	4.9	9
963	Transcriptome analysis of extended-spectrum β -lactamase-producing <i>Escherichia coli</i> and methicillin-resistant <i>Staphylococcus aureus</i> exposed to cefotaxime. <i>Scientific Reports</i> , 2018 , 8, 16076	4.9	4
962	Improved interfacial bonding of graphene-TiO ₂ with enhanced photocatalytic reduction of CO ₂ into solar fuel. 2018 , 6, 6947-6957		32
961	Asymmetries of the visual system and their influence on visual performance and oculomotor dynamics. 2018 , 48, 3426-3445		9
960	Antimicrobial and Cytotoxicity Effects of Synthesized Silver Nanoparticles from <i>Punica granatum</i> Peel Extract. 2018 , 13, 315		71
959	The development of honey bee colonies assessed using a new semi-automated brood counting method: CombCount. 2018 , 13, e0205816		20
958	Sublayer assisted by hydrophilic and hydrophobic ZnO nanoparticles toward engineered osmosis process. 2018 , 35, 2256-2268		16

957	Modern analytical methods for consideration of natural biological activity. 2018 , 109, 198-213		10
956	Magnetic domain wall neuron with lateral inhibition. 2018 , 124, 152127		34
955	New Breeding Techniques for Greenhouse Gas (GHG) Mitigation: Plants May Express Nitrous Oxide Reductase. 2018 , 6, 80		1
954	Ginsenoside Rb1 does not halt osteoporotic bone loss in ovariectomized rats. 2018 , 13, e0202885		6
953	Design and characterization of immobilized biocatalyst with lipase activity onto magnetic magnesium spinel nanoparticles: A novel platform for biocatalysis. 2018 , 172, 699-707		11
952	Bacterial community composition in the salivary glands of triatomines (Hemiptera: Reduviidae). 2018 , 12, e0006739		13
951	Enhanced Photocatalytic Activity and Biosensing of Gadolinium Substituted BiFeO ₃ Nanoparticles. 2018 , 3, 9025-9033		58
950	Nano-Graphene as Groundbreaking Miracle Material: Catalytic and Commercial Perspectives. 2018 , 3, 9533-9544		22
949	Super Ultra-High Resolution Liquid-Crystal-Display Using Perovskite Quantum-Dot Functional Color-Filters. <i>Scientific Reports</i> , 2018 , 8, 12881	4-9	38
948	Novel bifunctional Nd:YAG/Fe ₃ O ₄ nanocomposite as nanothermometer/nanoheater for potential biomedical applications. 2018 , 51, 40LT01		2
947	Associative nitrogen fixation (ANF) in switchgrass (<i>Panicum virgatum</i>) across a nitrogen input gradient. 2018 , 13, e0197320		47
946	Carbon-Based, Metal-Free Catalysts for Photocatalysis. 2018 , 457-500		0
945	Bacterial preys and commensals condition the effects of bacteriovorous nematodes on <i>Zea mays</i> and <i>Arabidopsis thaliana</i> . 2018 , 132, 99-106		5
944	Effect of different water application rates and nitrogen fertilisation on growth and essential oil of clove basil (<i>Ocimum gratissimum</i> L.). 2018 , 125, 186-197		14
943	Interpersonal violence: identification of associated features in a clinical sample. 2018 , 86, 349-357		5
942	Resonance Raman and UV-Vis characterization of charge transfer complexes of TCNQ and aromatic amines. 2018 , 99, 67-72		1
941	Prospective motor control obeys to idiosyncratic strategies in autism. <i>Scientific Reports</i> , 2018 , 8, 13717	4-9	8
940	Label-free assessment of carotid artery biochemical composition using fiber-based fluorescence lifetime imaging. 2018 , 9, 4064-4076		7

939	Utility of immunoglobulin isotypes against LID-1 and NDO-LID for, particularly IgG1, confirming the diagnosis of multibacillary leprosy. 2018 , 113, e170467		12
938	Activation of microbial secondary metabolic pathways: Avenues and challenges. 2018 , 3, 163-178		78
937	Grading facial expression is a sensitive means to detect grimace differences in orofacial pain in a rat model. <i>Scientific Reports</i> , 2018 , 8, 13894	4.9	20
936	Restriction enzyme digestion of host DNA enhances universal detection of parasitic pathogens in blood via targeted amplicon deep sequencing. 2018 , 6, 164		16
935	A comparison of iterative Fourier transform algorithms for image quality estimation. 2018 , 25, 625-637		5
934	Enzymatic delignification and saccharification of <i>Bambusa bambos</i> for biobutanol production. 2018 , 125, 386-394		13
933	Replacement of the L-iduronic acid unit of the anticoagulant pentasaccharide idraparinix by a 6-deoxy-L-talopyranose - Synthesis and conformational analysis. <i>Scientific Reports</i> , 2018 , 8, 13736	4.9	5
932	Shape transformable bifurcated stents. <i>Scientific Reports</i> , 2018 , 8, 13911	4.9	14
931	Genome-wide analysis of long non-coding RNAs in <i>Catalpa bungei</i> and their potential function in floral transition using high-throughput sequencing. 2018 , 19, 86		9
930	Functional near-infrared spectroscopy study of the neural correlates between auditory environments and intellectual work performance. 2018 , 8, e01104		2
929	Multiphoton excitation and thermal activation in indirect bandgap semiconductors. 2018 , 50, 1		1
928	Measurements and modeling to determine the critical temperature for preventing thermal runaway in Li-ion cells. 2018 , 145, 287-294		31
927	Liquid gated ZnO nanorod FET sensor for ultrasensitive detection of Hepatitis B surface antigen with vertical electrode configuration. 2018 , 122, 58-67		15
926	NiFe-Layered Double Hydroxide Sheets as an Efficient Electrochemical Biosensing Platform. 2018 , 165, B536-B542		9
925	Implementation of Option B and a fixed-dose combination antiretroviral regimen for prevention of mother-to-child transmission of HIV in South Africa: A model of uptake and adherence to care. 2018 , 13, e0201955		2
924	Electrochemical oxidation and determination of methylparaben at overoxidized polypyrrole film modified a boron-doped diamond electrode. 2018 , 15, 2703-2711		5
923	Development and characterization of stable anaerobic thermophilic methanogenic microbiomes fermenting switchgrass at decreasing residence times. 2018 , 11, 243		21
922	Cortical regions supporting reading comprehension skill for single words and discourse. 2018 , 186, 32-43		8

921	Transient acceleration of autophagic degradation by pharmacological Nrf2 activation is important for retinal pigment epithelium cell survival. 2018 , 19, 354-363	26
920	Concurrent Synthesis of Zero- and One-Dimensional, Spherical, Rod-, Needle-, and Wire-Shaped CuO Nanoparticles by <i>Proteus mirabilis</i> 10B. 2018 , 2018, 1-14	7
919	Wannier-Koopmans method calculations of organic molecule crystal band gaps. 2018 , 123, 37002	1
918	CRISPR/Cas9 genome engineering in hematopoietic cells. 2018 , 28, 33-39	7
917	Surface modification of anion exchange membrane using layer-by-layer polyelectrolytes deposition facilitating monovalent organic acid transport. 2018 , 558, 579-590	23
916	Techno-economic and environmental assessment of different rice-based cropping systems in an inceptisol of West Bengal, India. 2018 , 205, 350-363	12
915	Rock pool fish use a combination of colour change and substrate choice to improve camouflage. 2018 , 144, 53-65	10
914	Polysaccharide FMP-1 from <i>Morchella esculenta</i> attenuates cellular oxidative damage in human alveolar epithelial A549 cells through PI3K/AKT/Nrf2/HO-1 pathway. 2018 , 120, 865-875	16
913	A novel gold-based stimuli-responsive theranostic nanomedicine for chemo-photothermal therapy of solid tumors. 2018 , 93, 880-889	25
912	Micro Lasers by Scalable Lithography of Metal-Halide Perovskites. 2018 , 3, 1800212	24
911	4555 BAG-Ti6Al4V structures: The influence of the design on some of the physical and chemical interactions that drive cellular response. 2018 , 160, 95-105	16
910	Compositional clustering in task structure learning. 2018 , 14, e1006116	22
909	Mechanisms of Hydrogen-Assisted Magnesiothermic Reduction of TiO ₂ . 2018 , 49, 2998-3006	13
908	Design and synthesis of (Z/E)-2-phenyl/H-3-styryl-2H-chromene derivatives as antimicrotubule agents. 2018 , 130, 1	5
907	Physicochemical, osteogenic and corrosion properties of bio-functionalized ZnO thin films: Potential material for biomedical applications. 2018 , 44, 21004-21014	4
906	Curtailed recombination rate and fast carrier transport in ZnPc/GaAs/ZnPc stacked hybrid structure. 2018 , 85, 287-294	7
905	Raman-assisted phase sensitive amplifier using a fiber Bragg grating-based tunable phase shifter. 2018 , 43, 3949-3952	1
904	Development of 3D scaffolds using nanochitosan/silk-fibroin/hyaluronic acid biomaterials for tissue engineering applications. 2018 , 120, 876-885	25

903	Fabrication of Cu ₂ O/TiO ₂ /sepiolite electrode for effectively detecting of H ₂ O ₂ . 2018 , 827, 1-9	18
902	Designing Liquid-Infused Surfaces for Medical Applications: A Review. 2018 , 30, e1802724	141
901	Candidate Gene, Genome-Wide Association and Bioinformatic Studies in Pre-eclampsia: a Review. 2018 , 20, 91	10
900	Managing irrigation and fertilization for the sustainable cultivation of greenhouse vegetables. 2018 , 210, 354-363	21
899	Antiviral phytochemicals target envelop protein to control Zika virus. 2018 , 77, 402-412	15
898	Emerging core-shell nanostructured catalysts of transition metal encapsulated by two-dimensional carbon materials for electrochemical applications. 2018 , 22, 100-131	59
897	Tuning the porosity and surface characteristics of nanoporous titania using non-ionic surfactant reverse micelles. 2018 , 8, 29890-29898	5
896	QTLs for seedling traits under salinity stress in hexaploid wheat. 2018 , 48,	7
895	Prediction of binding potential of natural leads against the prioritized drug targets of chikungunya and dengue viruses by computational screening. 2018 , 8, 274	7
894	Modern techniques of surface geometry modification for the implants based on titanium and its alloys used for improvement of the biomedical characteristics. 2018 , 115-145	1
893	Effect of Al ₂ O ₃ addition on the ablation behavior of SiC-ZrC coated C/C composites. 2018 , 752, 489-504	7
892	DNA barcoding of microgastrine parasitoid wasps (Hymenoptera: Braconidae) using high-throughput methods more than doubles the number of species known for Australia. 2018 , 18, 1132	15
891	Responsive Neural Activities in the Primary Visual Cortex of Retina-Degenerated Rats. 2018 , 383, 84-97	3
890	Dynamics of soil microbial recovery from cropland to orchard along a 20-year chronosequence in a degraded karst ecosystem. 2018 , 639, 1051-1059	15
889	Softness Induced Enhancement in Net Throughput of Non-Linear Bio-Fluids in Nanofluidic Channel under EDL Phenomenon. <i>Scientific Reports</i> , 2018 , 8, 7893	4-9 21
888	Blend-electrospun graphene oxide/Poly(vinylidene fluoride) nanofibrous membranes with high flux, tetracycline removal and anti-fouling properties. 2018 , 207, 347-356	22
887	Decontamination of fresh-cut broccoli with a water-assisted UV-C technology and its combination with peroxyacetic acid. 2018 , 93, 92-100	11
886	Structural resolution of inorganic nanotubes with complex stoichiometry. 2018 , 9, 2033	22

885	A unified formulation of dichroic signals using the Borrmann effect and twisted photon beams. <i>Scientific Reports</i> , 2018 , 8, 7941	4.9	2
884	Fabrication of locally micro-structured fiber Bragg gratings by fs-laser machining. 2018 , 124, 1		2
883	Topological properties of the limited penetrable horizontal visibility graph family. 2018 , 97, 052117		6
882	Dynamic structural colour using vanadium dioxide thin films. 2018 , 51, 255101		8
881	Electroacupuncture contributes to recovery of neurological deficits in experimental stroke by activating astrocytes. 2018 , 36, 301-312		7
880	Reciprocating Sliding Wear Behavior of 60NiTi As Compared to 440C Steel under Lubricated and Unlubricated Conditions. 2018 , 61, 991-1002		14
879	EBIC: an evolutionary-based parallel biclustering algorithm for pattern discovery. 2018 , 34, 3719-3726		16
878	Synthesis and characterization of TiO ₂ nanotubes doped with Fe via in situ Anodization. 2018 , 29, 15814-15820		4
877	Distinguishing surface sites involved in the adsorption of lead onto sinapinaldehyde-functionalised mesocellular foam mesoporous silica. 2018 , 552, 153-160		16
876	Identification of indicators for evaluating and monitoring the effects of Chinese fir monoculture plantations on soil quality. 2018 , 93, 547-554		15
875	Characteristics of public concern on haze in China and its relationship with air quality in urban areas. 2018 , 637-638, 1597-1606		41
874	Recent evolution of the human skin barrier. 2018 , 27, 859-866		22
873	Immunization efficacy of cryopreserved genetically attenuated Plasmodium berghei sporozoites. 2018 , 117, 2487-2497		3
872	Effects of water pollution and river fragmentation on population genetic structure of invasive mosquitofish. 2018 , 637-638, 1372-1382		12
871	Core-shell patterning of synthetic hydrogels interfacial bioorthogonal chemistry for spatial control of stem cell behavior. 2018 , 9, 5394-5404		21
870	Design of spherically structured 3D in vitro tumor models -Advances and prospects. 2018 , 75, 11-34		94
869	Densonucleosis viruses ('densovirus') for mosquito and pathogen control. 2018 , 28, 90-97		18
868	Microenvironmental heterogeneity caused by anthropogenic LULC foster lower plant assemblages in the riparian habitats of lentic systems in tropical floodplains. 2018 , 639, 1254-1260		3

- 867 eDNA Einführung in Methodik, Stand der Technik und Ausblick für Alpine Gewässer. **2018**, 108, 18-21
- 866 Microfluidic Mimic for Colloid Membrane Filtration: A Review. **2018**, 98, 137-157 7
- 865 Biocatalysis mechanisms and characterization of a novel denitrification process with porphyrin compounds based on the electron transfer chain. **2018**, 265, 548-553 19
- 864 Microwave induced facile synthesis and characterization of ZnO nanoparticles as efficient antibacterial agents. **2018**, 11, 19-25 13
- 863 Epigenetic regulation of inflammation in stroke. **2018**, 11, 1756286418771815 13
- 862 Gelatin: A green corrosion inhibitor for carbon steel in oil well acidizing environment. **2018**, 264, 515-525 74
- 861 Proteomic tools to study drug function. **2018**, 10, 9-18 4
- 860 Facile SERS-active chip (PS@Ag/SiO₂/Ag) for the determination of HCC biomarker. **2018**, 272, 34-42 26
- 859 The time course of brief and prolonged topical 8% capsaicin-induced desensitization in healthy volunteers evaluated by quantitative sensory testing and vasomotor imaging. **2018**, 236, 2231-2244 14
- 858 Fatigue behaviour and equivalent diameter of single Ti-6Al-4V struts fabricated by Electron Beam Melting orientated to porous lattice structures. **2018**, 155, 106-115 19
- 857 Key factors for the direct growth of zeolite faujasite (FAU) on metallic aluminum surface. **2018**, 271, 252-261 13
- 856 Influence of pH Adjustment Parameter for Sol-Gel Modification on Structural, Microstructure, and Magnetic Properties of Nanocrystalline Strontium Ferrite. **2018**, 13, 160 5
- 855 Defect Restoration of Low-Temperature Sol-Gel-Derived ZnO via Sulfur Doping for Advancing Polymeric Schottky Photodiodes. **2018**, 28, 1802582 19
- 854 Synthesis and application of an alkylated pyrazole-based azo dye for electrofluidic display. **2018**, 26, 369-375 5
- 853 Design, synthesis and photophysical investigation of triphenylamine-bithiophene dyes as RGB emitters for white light applications. **2018**, 159, 77-84 10
- 852 Flue gas adsorption on periodic mesoporous phenylene-silica: a DFT approach. **2018**, 20, 16686-16694 9
- 851 Hydrogen embrittlement of super duplex stainless steel – Towards understanding the effects of microstructure and strain. **2018**, 43, 12543-12555 25
- 850 Mesoporous NiPh/carbon fibers nanocomposite for enhanced electrocatalytic oxidation of ethanol. **2018**, 823, 128-136 15

849	Sour cherry (<i>Prunus cerasus</i> L.) juice protects against hydrogen peroxide-induced neurotoxicity by modulating the antioxidant response. 2018 , 46, 243-249	4
848	Metabolites of <i>Propionibacterium</i> : Techno- and Biofunctional Ingredients. 2018 , 205-260	
847	An optimised placement of the hard quality sensors for a robust monitoring of the chlorine concentration in drinking water distribution systems. 2018 , 68, 52-63	4
846	SrBi ₄ Ti ₄ O ₁₅ Aurivillius phase thin films by pulsed laser deposition using Nd:YAG laser. 2018 ,	3
845	Synthesis of graphene oxide-copper molybdate (GO-CuM) nanocomposites for photocatalytic application. 2018 ,	1
844	Comparative Analysis of Hexagonal Solid Silica and Nitro-benzene Filled Hollow Core Photonic Crystal Fiber. 2018 , 310, 012040	
843	Impact of Stoichiometry on the Structure of van der Waals Layered GeTe/Sb Te Superlattices Used in Interfacial Phase-Change Memory (iPCM) Devices. 2018 , 14, e1704514	32
842	Development of a novel 3D glass-ceramic scaffold for endometrial cell in vitro culture. 2018 , 44, 14920-14924	1
841	Use of matrix-assisted laser desorption ionization-time of flight mass spectrometry to identify MLST clade 4 <i>Clostridium difficile</i> isolates. 2018 , 92, 19-24	9
840	Use of remote sensing indicators to assess effects of drought and human-induced land degradation on ecosystem health in Northeastern Brazil. 2018 , 213, 129-143	84
839	High-throughput image-based monitoring of cell aggregation and microspheroid formation. 2018 , 13, e0199092	5
838	Effect of Ar, O ₂ , and N ₂ Plasma on the Growth and Composition of Vanadium Oxide Nanostructured Thin Films. 2018 , 5, 1800612	1
837	Anticancer Potential of Mangrove Plants: Neglected Plant Species of the Marine Ecosystem. 2018 , 303-325	1
836	Micro-computed tomography of pupal metamorphosis in the solitary bee <i>Megachile rotundata</i> . 2018 , 47, 521-528	8
835	A comparative study of defect formation in GaAs nanocrystals selectively grown on nanopatterned and flat Si(001) substrates. 2018 , 113, 83-90	
834	All-fiber-based quasi-solid-state lithium-ion battery towards wearable electronic devices with outstanding flexibility and self-healing ability. 2018 , 51, 425-433	53
833	Using Late and Middle Pleistocene tephrostratigraphy and cryptotephrostratigraphy to refine age models of Holes ODP1150A and ODP1151C, NW Pacific Ocean: A cross-check between tephrostratigraphy and biostratigraphy. 2018 , 47, 29-53	6
832	Effects of ALB ₂ /AIP phase and electromagnetic stirring on impurity B/P removal in the solidification process of Al-30Si alloy. 2018 , 207, 151-157	10

831	Quantitative analysis of mammalian chromosome by scanning transmission soft X-ray microscopy. 2018 , 194, 1-6	3
830	Human social neuroendocrinology: Review of the rapid effects of testosterone. 2018 , 104, 192-205	38
829	Enhanced Li charge storage in naphthalene diimide/vanadium pentoxide intercalates.. 2018 , 8, 24029-24035	5
828	Development of Vanadium-Coated Carbon Microspheres: Electrochemical Behavior as Electrodes for Supercapacitors. 2018 , 28, 1802337	23
827	Comparative study of the physicochemical and photocatalytic properties of water-soluble polymer-capped TiO nanoparticles. 2018 , 25, 26259-26266	1
826	Alginate-honey bioinks with improved cell responses for applications as bioprinted tissue engineered constructs. 2018 , 33, 2029-2039	32
825	Antibacterial effectiveness meets improved mechanical properties: Manuka honey/gellan gum composite hydrogels for cartilage repair. 2018 , 198, 462-472	40
824	Exotic <i>Spartina alterniflora</i> invasion increases CH while reduces CO emissions from mangrove wetland soils in southeastern China. <i>Scientific Reports</i> , 2018 , 8, 9243	4.9 16
823	Trifluoromethane modification of thermally activated delayed fluorescence molecules for high-efficiency blue organic light-emitting diodes. 2018 , 54, 8261-8264	28
822	HIV replication is associated to inflammasomes activation, IL-1 β /IL-18 and caspase-1 expression in GALT and peripheral blood. 2018 , 13, e0192845	39
821	Why 'piss' is ruder than 'pee'? The role of sound in affective meaning making. 2018 , 13, e0198430	31
820	Functionalized Inorganic Nanoparticles for Magnetic Separation and SERS Detection of Water Pollutants. 2018 , 2018, 3443-3461	20
819	Long-Term Effects of Tourmaline on Nitrogen Removal from Wastewater and Bacterial Community Shift in Activated Sludge at Low Temperatures. 2018 , 229, 1	1
818	Assessing human B cell repertoire diversity and convergence. 2018 , 284, 51-66	24
817	Why Do Corals Bleach? Conflict and Conflict Mediation in a Host/Symbiont Community. 2018 , 40, e1800021	15
816	Identification of key genes in cleft lip with or without cleft palate regulated by miR-199a-5p. 2018 , 111, 128-137	9
815	T-NbO nanoparticle enabled pseudocapacitance with fast Li-ion intercalation. 2018 , 10, 14165-14170	22
814	Synthesis of non-toxic, biocompatible, and colloidal stable silver nanoparticle using egg-white protein as capping and reducing agents for sustainable antibacterial application.. 2018 , 8, 23213-23229	34

813	LncRNA Jpx induces Xist expression in mice using both trans and cis mechanisms. 2018 , 14, e1007378		35
812	Soft Robotic Grippers. 2018 , 30, e1707035		555
811	Self-Support Surface Enhanced Raman Scattering Substrates with the Function of Enriching Analytes. 2018 , 5, 1800559		0
810	Defects in carbon nanotubes. 2018 , 87-136		5
809	Anthocyanins and their gut metabolites attenuate monocyte adhesion and transendothelial migration through nutrigenomic mechanisms regulating endothelial cell permeability. 2018 , 124, 364-379		29
808	A hybrid computational approach for efficient Alzheimer's disease classification based on heterogeneous data. <i>Scientific Reports</i> , 2018 , 8, 9774	4.9	29
807	Purification, characterization and potential applications of a novel halotolerant metalloprotease from marine bacterium <i>Vibrio</i> sp. LA-05. 2018 , 93, 3627-3637		6
806	Sensory organs of forensically important fly <i>Ophyra capensis</i> (Wiedemann, 1818) (Diptera: Muscidae): A scanning electron microscopic study. 2018 , 185, 400-411		4
805	<i>Escherichia coli</i> tolerance of ultraviolet radiation by in vivo expression of a short peptide designed from late embryogenesis abundant protein. 2018 , 503, 910-914		4
804	Cysteine allows ovarian cancer cells to adapt to hypoxia and to escape from carboplatin cytotoxicity. <i>Scientific Reports</i> , 2018 , 8, 9513	4.9	31
803	The origins of global invasions of the German wasp (<i>Vespula germanica</i>) and its infection with four honey bee viruses. 2018 , 20, 3445-3460		14
802	Friction Mechanisms by Carboxylic Acids in Aqueous Lubricants. 2018 , 66, 1		15
801	NiTi-Nb micro-trusses fabricated via extrusion-based 3D-printing of powders and transient-liquid-phase sintering. 2018 , 76, 359-370		24
800	Evaluation at scale of microbiome-derived metabolites as biomarker of flavan-3-ol intake in epidemiological studies. <i>Scientific Reports</i> , 2018 , 8, 9859	4.9	30
799	Does 3,4-dimethylpyrazole phosphate or N-(n-butyl) thiophosphoric triamide reduce nitrous oxide emissions from a rain-fed cropping system?. 2018 , 56, 296		7
798	Oncogenic roles of enhancer of zeste homolog 1/2 in hematological malignancies. 2018 , 109, 2342-2348		20
797	Compact Seahorse-Shaped T Cell-Activating Antibody for Cancer Therapy. 2018 , 1, 1700031		3
796	Polyvinyl Alcohol/Polypyrrole/Molecularly Imprinted Polymer Nanocomposite as Highly Selective Chemiresistor Sensor for 2,4-DNT Vapor Recognition. 2018 , 30, 2302-2310		20

- 795 Synthesis and properties of nanostructured GeSb₄Te₇ prepared by mechanical alloying. **2018**, 53, 13451-13463
- 794 Unintended effects of drug carriers: Big issues of small particles. **2018**, 130, 90-112 35
- 793 Cold atmospheric plasma causes a calcium influx in melanoma cells triggering CAP-induced senescence. *Scientific Reports*, **2018**, 8, 10048 4·9 33
- 792 Chemically mediated species recognition in two sympatric Grayling butterflies: *Hipparchia fagi* and *Hipparchia hermione* (Lepidoptera: Nymphalidae, Satyrinae). **2018**, 13, e0199997 4
- 791 Evaluation of the prebiotic potential of arabinoxylans extracted from wheat distillers' dried grains with solubles (DDGS) and in-process samples. **2018**, 102, 7577-7587 14
- 790 High-Performance Multilayer Encapsulation for Perovskite Photovoltaics. **2018**, 8, 1801234 47
- 789 Environmentally persistent pathogens present unique challenges for studies of host-pathogen interactions: Reply to Field (2018). **2018**, 8, 5238-5241 2
- 788 Magnesium Loss in Nd:YAG Pulsed Laser Welding of Aluminum Alloys. **2018**, 49, 2896-2905 13
- 787 Conductive nanofinishes for textiles. **2018**, 241-263
- 786 In vitro response of mesenchymal stem cells to biomimetic hydroxyapatite substrates: A new strategy to assess the effect of ion exchange. **2018**, 76, 319-332 23
- 785 Water and salt dynamics in multilayer graphene oxide (GO) membrane: Role of lateral sheet dimensions. **2018**, 563, 785-793 41
- 784 Metabarriers with multi-mass locally resonating units for broad band Rayleigh waves attenuation. **2018**, 113, 265-277 38
- 783 Spontaneous recovery and time course of biological motion adaptation. **2018**, 149, 40-46 3
- 782 Boosting interfacial charge transfer for efficient water-splitting photoelectrodes: progress in bismuth vanadate photoanodes using various strategies. **2018**, 8, 809-822 8
- 781 Archaeal imaging: leading the hunt for new discoveries. **2018**, 29, 1675-1681 18
- 780 Green synthesis of Fe₂O₃/BiPO₄ composite and its biopolymeric beads for enhanced photocatalytic application. **2018**, 29, 14733-14745 10
- 779 Measurement of the Thermoelectric Properties of Individual Nanostructures. **2018**, 98, 409-444 8
- 778 Exploring core functional microbiota responsible for the production of volatile flavour during the traditional brewing of Wuyi Hong Qu glutinous rice wine. **2018**, 76, 487-496 61

777	Dose- and time-dependent effects of triethylene glycol dimethacrylate on the proteome of human THP-1 monocytes. 2018 , 126, 345-358	6
776	Synergy of theophylline reduces necrotic effect of berberine, induces cell cycle arrest and PARP, HMGB1, Bcl-2 family mediated apoptosis in MDA-MB-231 breast cancer cells. 2018 , 106, 858-867	18
775	Context effects of genetic code expansion by stop codon suppression. 2018 , 46, 146-155	30
774	EPR study of the polydomain structure of the twist-bend nematic phase of CB9CB in the bulk. 2018 , 45, 2109-2120	2
773	The nanodiffraction problem. 2018 , 51, 1102-1115	9
772	Hypothesis: role for ammonia neutralization in the prevention and reversal of heart failure. 2018 , 314, H1049-H1052	4
771	Optimising superoscillatory spots for far-field super-resolution imaging. 2018 , 26, 8095-8112	29
770	Bumblebees actively compensate for the adverse effects of sidewind during visually-guided landings.	0
769	A novel Human Conception Optimizer for solving optimization problems. 2022 , 12,	0
768	The human immune cell simulated anti-breast cancer nanorobot: the efficient, traceable, and dirigible anticancer bio-bot. 2022 , 13,	0
767	Recent progress of advanced manganese oxide-based materials for acidic oxygen evolution reaction: fundamentals, performance optimization, and prospects. 2022 ,	0
766	An effective link prediction method in multiplex social networks using local random walk towards dependable pathways. 2023 , 45,	0
765	Graphene-based terahertz reconfigurable printed ridge gap waveguide structure. 2022 , 12,	0
764	The role of pmrCAB genes in colistin-resistant <i>Acinetobacter baumannii</i> . 2022 , 12,	0
763	Special scattering regimes for conical all-dielectric nanoparticles. 2022 , 12,	0
762	Expression Changes of SIRT1 and FOXO3a Significantly Correlate with Oxidative Stress Resistance Genes in AML Patients.	0
761	Magnetolectric Coupling for Metal-Air Batteries. 2210127	0
760	Inverse Design of Metamaterials via Deep Learning for Electromagnetically Induced Transparency. 2022 , 2384, 012045	1

- 759 Interaction with single-stranded DNA-binding protein modulates *Escherichia coli* RadD DNA repair activities. ○
- 758 Electrodeposition-enabled, electrically-transduced sensors and biosensors. **2022**, ○
- 757 Ecosystem Mercury Recovery and Health Benefit Under the Minamata Convention in a Changing Climate. **2022**, 260, 1
- 756 Atomic spin precession detection method based on the Mach-Zehnder interferometer in an atomic comagnetometer. **2023**, 31, 274 ○
- 755 Chromatin phase separated nanoregions regulated by cross-linkers and explored by single particle trajectories. ○
- 754 Spatial distribution of gut microbiota in mice during the occurrence and remission of hyperuricemia. ○
- 753 CRISPR: a tool with potential for genomic reprogramming in neurological disorders. ○
- 752 The Radiogenomic and Spatiogenomic Landscapes of Glioblastoma, and their Relationship to Oncogenic Drivers. ○
- 751 CRISPR-Cas9-mediated gene therapy in lung cancer. ○
- 750 Transport properties of crystallized antiferromagnetic MnBi₂Te₄ thin films grown by magnetron sputtering. **2023**, 56, 045302 ○
- 749 Investigation of the Effect of Sintering of Waste Welding Powder on Antioxidant and Antimicrobial Activity. **2022**, 233, ○
- 748 Auger electron spectroscopy mapping of lithium niobate ferroelectric domains with nano-scale resolution. **2023**, 13, 119 ○
- 747 BUS-Net: Breast Tumour Detection Network for Ultrasound Images Using Bi-directional ConvLSTM and Dense Residual Connections. ○
- 746 Active upper limb prostheses: A review on current state and upcoming breakthroughs. ○
- 745 High-capacity quantum key distribution based on hyperentangled Bell states and hyper-encoding. **2022**, 20, ○
- 744 Overview on recent advances of magnetic metal-organic framework (MMOF) composites in removal of heavy metals from aqueous system. ○
- 743 The impact of β -synuclein aggregates on blood-brain barrier integrity in the presence of neurovascular unit cells. **2022**, ○
- 742 Copper laser patterning on a flexible substrate using a cost-effective 3D printer. **2022**, 12, ○

- 741 Host-delivered RNAi-mediated silencing using fusion cassettes of different functional groups of genes precludes *Meloidogyne incognita* multiplication in *Nicotiana tabacum*. ○
- 740 Mapping national, regional and local prevalence of hypertension and diabetes in Ethiopia using geospatial analysis. **2022**, 12, e065318 ○
- 739 Dissipative quantum computation and quantum state preparation based on BEC qubits. ○
- 738 Artificial Neural Network-Based Medical Diagnostics and Therapeutics. ○
- 737 Socially Stratified Epigenetic Profiles Are Associated With Cognitive Functioning in Children and Adolescents. 095679762211227 ○
- 736 Optical Refractive Index Sensors Based on Plasmon-Induced Transparency phenomenon in a Plasmonic Waveguide Coupled to Stub and Nano-disk Resonators. ○
- 735 Morpho-functional analysis of patient-derived xenografts reveals differential impact of gastric cancer and chemotherapy on the tumor ecosystem, affecting immune check point, metabolism, and sarcopenia. ○
- 734 Soft polymerization of hexamethyldisiloxane by coupling pulsed direct-liquid injections with dielectric barrier discharge. 1
- 733 Approaches, attributes and applications of matrix nanocomposites – review. **2022**, 9, ○
- 732 Novel native extracellular matrix probes to target patient- and tissue-specific cell-microenvironment interactions by force spectroscopy. ○
- 731 Spatio-temporal evolution analysis of the coupling situation of economic-social-ecological system in Guangdong. 1
- 730 Influence of different management practices on carbon sequestration of agricultural soils – review. 1-22 ○
- 729 Strong resonance response with ultrahigh quality factor in grating-multilayer systems based on quasi-bound states in the continuum. **2022**, 12, ○
- 728 Microbiome features differentiating unsupervised-stratification based clusters of patients with abnormal glycometabolism. ○
- 727 Potential Role of Silicon in Plants Against Biotic and Abiotic Stresses. ○
- 726 A high throughput splicing assay to investigate the effect of variants of unknown significance on exon inclusion. ○
- 725 Rsp5/NEDD4 and ESCRT regulate TDP-43 toxicity and turnover via an endolysosomal clearance mechanism. ○
- 724 Endocrine-disrupting chemicals (EDCs) and cancer: new perspectives on an old relationship. ○

- 723 A Noninvasive Skin Biopsy of Free Nerve Endings via Realtime Third-Harmonic Microscopy. ○
- 722 Regulation of Plant Infection Processes by MAP Kinase Pathways in Ascomycetous Pathogens. **2023**, 211-226 ○
- 721 Early detection of late blight in potato by whole-plant redox imaging. ○
- 720 Ocular biometry measures and their correlation with refractive error in Aboriginal and Torres Strait Islander children. 1-8 ○
- 719 Zinc and laboratory emerge date impact honey bee gut microbiota and survival. ○
- 718 Assessment and Contribution of Biomass Residues to Renewable Energy Resources in Egypt. **2023**, ○
- 717 Fano resonances and slow light in a nanocavity assisted by metallic nanoparticles-quantum dot system. ○
- 716 Alginate-like polymers from full-scale aerobic granular sludge: content, recovery, characterization, and application for cadmium adsorption. **2022**, 12, 1
- 715 Comprehensive Proteomic Analysis of *Brucella melitensis* ATCC23457 Strain Reveals Metabolic Adaptations in Response to Nutrient Stress. **2023**, 80, ○
- 714 Balanced mitochondrial function at low temperature is linked to cold adaptation in *Drosophila* species. ○
- 713 Cell Behavior Changes and Enzymatic Biodegradation of Hybrid Electrospun Poly(3-Hydroxybutyrate)-Based Scaffolds with an Enhanced Piezoresponse after the Addition of Reduced Graphene Oxide. 2201726 ○
- 712 Optical coalition in the electrical and magnetic induction of Dy and Tb-doped BFO-based multiferroic. **2023**, 129, ○
- 711 Nutrient enrichment promotes invasion success of alien plants via increased growth and suppression of chemical defense. ○
- 710 The China plant trait database version 2. **2022**, 9, ○
- 709 Physical imaging parameter variation drives domain shift. **2022**, 12, ○
- 708 Spatial homogeneity pursuit of regression coefficients for hand, foot and mouth disease in Xinjiang Uygur Autonomous Region in 2018. **2022**, 12, ○
- 707 ApInAPDB: a database of apoptosis-inducing anticancer peptides. **2022**, 12, ○
- 706 Ecosystem restoration and degradation monitoring using ecological indices. ○

705	Genome of <i>Paspalum vaginatum</i> and the role of trehalose mediated autophagy in increasing maize biomass. 2022 , 13,	1
704	Determination of regulatory motifs and pathogenicity of intronic variants of GNPTAB, GNPTG, and NAGPA genes in individuals with stuttering. 2022 , 46,	0
703	Toward a general and interpretable umami taste predictor using a multi-objective machine learning approach. 2022 , 12,	0
702	E-learning experiences in tertiary education: patterns and trends in research over the last 20 years. 1-21	0
701	Energy-Dispersive X-Ray Spectroscopy of Atomically Thin Semiconductors and Heterostructures. 2022 , 18,	0
700	Advances in nanotechnology versus stem cell therapy for the theranostics of multiple sclerosis disease.	0
699	<i>Lactobacillus brevis</i> MTCC 1750 enhances oxidative stress resistance and lifespan extension with improved physiological and functional capacity in <i>Caenorhabditis elegans</i> via the DAF-16 pathway. 1-17	0
698	Hypoxia signaling in hepatocellular carcinoma: Challenges and therapeutic opportunities.	1
697	Chronic skin ultraviolet irradiation induces transcriptomic changes associated with microglial dysfunction in the hippocampus. 2022 , 15,	0
696	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
695	Exploring strong and weak topological states on isostructural substitutions in TlBiSe ₂ . 2022 , 12,	0
694	Senescent response in inner annulus fibrosus cells in response to TNF- α /H ₂ O ₂ , and TNF- α -induced nucleus pulposus senescent secretome.	0
693	Reactive compatibilization of PLA / PBS bio-blends via a new generation of hybrid nanoparticles.	0
692	Assessment of drought characteristics and its impacts on net primary productivity (NPP) in southeastern Tunisia. 2023 , 16,	1
691	The Rice Blast Fungus <i>Magnaporthe oryzae</i> Uses a Turgor-Dependent, Septin-Mediated Mechanism to Invade Rice. 2023 , 307-327	0
690	Photosynthesis âbeyond the leaf.	1
689	Rheology, morphology and phase behavior of SBS/sulfur modified asphalt based on experimental assessment and molecular dynamics. 1-13	0
688	Mechanical and thermal insulation properties of carbon fibre-reinforced carbon aerogel composites. 1-9	0

- 687 Effect of ethanol exposure in utero on infant mice gut microbiotas assessed by nanopore and illumina sequencing. ○
- 686 Transition in a delayed tumor growth model with non-Gaussian colored noise. ○
- 685 Ursolic acid: a natural modulator of signaling networks in different cancers. **2022**, 22, ○
- 684 Transitions in Computational Complexity of Continuous-Time Local Open Quantum Dynamics. **2022**, 129, ○
- 683 Effects of plasmon resonance on the low frequency noise and optoelectronic properties of Au/Cu codoped ZnO based photodetectors. **2023**, 55, ○
- 682 Direct CO₂ capture by alkali-dissolved cellulose and sequestration in building materials and artificial reef structures. 2209327 ○
- 681 Electrically tunable Goos-Hänchen shift from epsilon-near-zero (ENZ) structure with graphene. **2022**, 76, ○
- 680 Constructing Fe₂O₃/g-C₃N₄/SiO₂ S-scheme-based heterostructure for photo-Fenton like degradation of rhodamine B dye in aqueous solution. ○
- 679 Comparative transcriptome analysis of skin color-associated genes in leopard coral grouper (*Plectropomus leopardus*). **2023**, 24, ○
- 678 Review: Scaffold Characteristics, Fabrication Methods, and Biomaterials for the Bone Tissue Engineering. 1
- 677 Dynamic physiological Synuclein S129 phosphorylation is driven by neuronal activity. **2023**, 9, ○
- 676 Pt nanoclusters on GaN nanowires for solar-assisted seawater hydrogen evolution. **2023**, 14, ○
- 675 Intramuscular mitochondrial and lipid metabolic changes of rats after regular high-intensity interval training (HIIT) of different training periods. ○
- 674 Catalytic production of 1,2-propanediol from sucrose over a functionalized Pt/deAl-beta zeolite catalyst. **2022**, 13, 734-741 1
- 673 Investigating active area dependent high performing photoresponse through thin films of Weyl Semimetal WTe₂. **2023**, 13, ○
- 672 Granulosa cells from immature follicles exhibit restricted glycolysis and reduced energy production: a dominant problem in polycystic ovary syndrome. ○
- 671 Carbonization characteristics of co-pyrolysis of sewage sludge and corn stalks and its agricultural benefits. ○
- 670 Detection of the Affected Area and Classification of Pests Using Convolutional Neural Networks from the Leaf Images. **2022**, 314-322 ○

- 669 Sustainable Production of Pigments from Cyanobacteria. **2022**, ○
- 668 The Optimal Layer of User-Specific Reconfigurable Intelligent Surfaces Structure for Uplink Communication System. **2022**, 44-54 ○
- 667 Deciphering the Potential of RNAi Technology as Modulator of Plant Secondary Metabolites with Biomedical Significance. **2022**, 591-604 ○
- 666 Guided-Growth Ultrathin Metal Film Enabled Efficient Semi-Transparent Organic Solar Cells. 2203266 ○
- 665 In situ moulded Troilite 2H phase Fe S ultrathin electrodes via Pulsed Laser Deposition for Flexible Solid State High Capacity Supercapacitor besides boosted electrocatalytic oxygen evolution reaction. ○
- 664 Urban runoff drives titanium dioxide engineered particle concentrations in urban watersheds: field measurements. ○
- 663 Genomics-Assisted Breeding for Abiotic Stress in Pisum Crop. **2023**, 409-426 ○
- 662 Three dominant genotypes of human papilloma virus among Indonesian urban women. **2023**, ○
- 661 Commercial Astaxanthin Production from Green Alga Haematococcus pluvialis. **2023**, 279-304 ○
- 660 Recent advancements in cadmium-microbe interactive relations and their application for environmental remediation: a mechanistic overview. ○
- 659 Optimization of electro-blown polysulfone nanofiber mats for air filtration applications. 1
- 658 An Explorative Review on Advanced Approaches to Overcome Bacterial Resistance by Curbing Bacterial Biofilm Formation. Volume 16, 19-49 1
- 657 Genome-wide assessment of DNA methylation alterations induced by superovulation, sexual immaturity and in vitro follicle growth in mouse blastocysts. **2023**, 15, ○
- 656 Local Auxin Biosynthesis Regulates Brace Root Angle and Lodging Resistance in Maize. ○
- 655 A review on tailoring the corrosion and oxidation properties of MoS₂-based coatings. ○
- 654 Identification of new benzimidazole-triazole hybrids as anticancer agents: multi-target recognition, in vitro and in silico studies. **2023**, 38, ○
- 653 Application of infrared thermography for estimating residual stress in ground anchors for maintenance. **2023**, 13, ○
- 652 Genomic clues of association between clinical mastitis and SNPs identified by ddRAD sequencing in Murrah buffaloes. 1-9 ○

- 651 Efficient analysis of split-plot experimental designs using model averaging. 1-18 ○
- 650 Global patterns of plant form and function are strongly determined by evolutionary relationships. ○
- 649 Development and validation of the first adaptive test of emotion perception in music. 1-19 ○
- 648 Peroxidase mimicking activity of *Saccharum officinarum* L. capped gold nanoparticles using o-dianisidine as a substrate. ○
- 647 Plant growth promoting microorganisms mediated abiotic stress tolerance in crop plants: a critical appraisal. 1
- 646 Natural compounds regulate the PI3K/Akt/GSK3 β pathway in myocardial ischemia-reperfusion injury. 1-17 1
- 645 Assessment of the anharmonic phonon decay, Fr \wedge Blich interactions, and phonon lifetime in Zn 0.98 Mn 0.02 S thin films through temperature-dependent Raman spectroscopy. ○
- 644 Experimental realisations of the fractional Schr \wedge dinger equation in the temporal domain. **2023**, 14, ○
- 643 Micromotion derived fluid shear stress mediates peri-electrode gliosis through mechanosensitive ion channels. ○
- 642 Impact of Salinity Stress on Medicinal Plants. **2023**, 199-239 ○
- 641 On the physicochemical properties, setting chemical reaction, and in vitro bioactivity of aragonite \wedge hitosan composite cement as a bone substitute. ○
- 640 Optimal delivery strategies for nanoparticle-mediated mRNA delivery. ○
- 639 Strengths, Weaknesses, Opportunities, and Threats (SWOT) analysis of Supercapacitors: A Review. **2023**, ○
- 638 The Intervention of Multi-Omics Approaches for Developing Abiotic Stress Resistance in Cotton Crop Under Climate Change. **2023**, 37-82 ○
- 637 Genetic diversity and structure in wild Robusta coffee (*Coffea canephora* A. Froehner) populations in Yangambi (DR Congo) and their relation to forest disturbance. ○
- 636 CaV3.3 Channelopathies. **2023**, ○
- 635 Implementation of high-performance and high-yield nanoscale hafnium zirconium oxide based ferroelectric tunnel junction devices on 300 mm wafer platform. **2023**, 41, 012805 ○
- 634 Big Data Revolution and Machine Learning to Solve Genetic Mysteries in Crop Breeding. **2023**, 83-101 ○

- 633 Growing Skin-Like Tissue. **2023**, 45-102 ○
- 632 Highly sensitive detection of infected red blood cells (IRBCs) with plasmodium falciparum using surface plasmon resonance (SPR) nanostructure. **2023**, 55, 9
- 631 The regulatory role of the CD2AP/TKS4 interaction in EMT and its potential as a biomarker for colon cancer. ○
- 630 Hybrid quantum-classical scheduling optimization in UAV-enabled IoT networks. **2023**, 22, ○
- 629 Chemical analysis edaphic and productivity of the endemic gandarua (*Bouea macrophylla*) of Maluku at different altitudes in Ambon Island. **2023**, ○
- 628 Tailored highly efficient Co-doped TiO₂/CoTiO₃ heterojunction photocatalyst for methylene blue degradation under visible light. ○
- 627 Aptamers in Cancer Therapy: Problems and New Breakthroughs. ○
- 626 Label-free and non-destructive pathology of human lung adenocarcinomas with ultraviolet single-plane illumination microscopy. ○
- 625 An adjustable high-speed and directional diffusion of water nanodroplets confined by graphene sheets. ○
- 624 How Multi-Source Gossip Affects Targets' Emotions and Strategic Behavioral Responses. ○
- 623 Inorganic Nanoparticles-Based Systems in Biomedical Applications of Stem Cells: Opportunities and Challenges. Volume 18, 143-182 ○
- 622 Prognostic impact of examined lymph-node count for patients with esophageal cancer: development and validation prediction model. **2023**, 13, ○
- 621 Generating Ultralong-Superoscillation Nondiffracting Beams with Full Control of the Intensity Profile. **2023**, 19, ○
- 620 Review of an Anti-CD20 Monoclonal Antibody for the Treatment of Autoimmune Diseases of the Skin. ○
- 619 Reversing silicon carbide into 1D-silicon nanowires and graphene-like structures by dynamical magnetic flux template. ○
- 618 Large-scale transfer of Ag nanowires from PET to PC film using a roll-to-roll UV lamination process for a capacitive touch sensor. **2023**, 13, 1551-1557 ○
- 617 Evolutionary design of machine-learning-predicted bulk metallic glasses. ○
- 616 A Review: Applications of functional photocatalysts BiOX (X = Cl, Br, I) for clean energy, environment and future photobiorefineries. ○

- 615 Integration of meta-analysis, machine learning and systems biology approach for investigating the transcriptomic response to drought stress in *Populus* species. **2023**, 13, ○
- 614 Ursolic acid: a pentacyclic triterpenoid that exhibits anticancer therapeutic potential by modulating multiple oncogenic targets. 1-31 ○
- 613 Research progress of potential factors influencing photodynamic therapy for Gastrointestinal Cancer. **2023**, 103271 ○
- 612 Genome-wide characterization of *Ficus carica* MADS-box transcription factors with a focus on their roles during fruit development. ○
- 611 Evaluation of a novel ELISA test using synthetic mycolic acid antigens for serodiagnosis of non-tuberculous mycobacterial (NTM) infections. *thoraxjnl-2022-218800* ○
- 610 Recent approaches for enhancing the performance of dissolving microneedles in drug delivery applications. **2023**, ○
- 609 Super-resolving microscopy reveals the localizations and movement dynamics of stressosome proteins in *Listeria monocytogenes*. **2023**, 6, ○
- 608 Developing a carpet cloak operating for a wide range of incident angles using a deep neural network and PSO algorithm. **2023**, 13, ○
- 607 Vorsto[^] in die Terahertz-L[^] eke. **2023**, 54, 12-17 ○
- 606 RiRPSSP: A Unified Deep Learning method for Prediction of Regular and Irregular Protein Secondary Structures. ○
- 605 Correlation between orbital hybridizations, phonon spectra, and thermal properties of graphene, germanene, and plumbene. ○
- 604 Large-scale production of polyimide micropore-based flow cells for detecting nano-sized particles in fluids. **2023**, 13, 873-880 ○
- 603 2D-wavelet encoded deep CNN for image-based ECG classification. 1
- 602 Multilayer graphene oxide-silver nanoparticle for stable, highly sensitive, and reusable SERS platforms. ○
- 601 LBP-Based CAD System Designs for Breast Tumor Characterization. **2023**, 231-257 ○
- 600 The Role of PGPRs in Medicinal Plants under Abiotic Stress. **2023**, 267-285 ○
- 599 Dogs, Primates, and People: A Review. **2023**, 61-81 ○
- 598 Facile synthesis of zirconia supported nanomaterials for efficient photocatalytic applications. ○

597	Global analysis of the association between pig muscle fatty acid composition and gene expression using RNA-Seq. 2023 , 13,	0
596	Multiscale spectroscopic analysis of lipids in dimorphic and oleaginous <i>Mucor circinelloides</i> accommodate sustainable targeted lipid production. 2023 , 10,	0
595	Diversified component incorporated hybrid nanoflowers: A versatile material for biosensing and biomedical applications.	0
594	Controlled release of quercetin from HPMC/gellan gum hydrogel for inhibiting melanogenesis in murine melanoma cells.	0
593	Scavenger receptor B1 facilitates the endocytosis of <i>Escherichia coli</i> via TLR4 signaling in mammary gland infection. 2023 , 21,	0
592	Theoretically proposed stable polymorph of two-dimensional pentagonal IPdPSe .	1
591	Sulfurization engineering of single-zone CVD vertical and horizontal MoS_2 on p-GaN heterostructures for self-powered UV photodetectors.	0
590	PT symmetry in a superconducting hybrid quantum system with longitudinal coupling.	0
589	Personalized virtual brains of Alzheimer's Disease link dynamical biomarkers of fMRI with increased local excitability.	0
588	Material Applications of Gelatin. 2023 , 1-34	0
587	Distribution of soil organic carbon and carbon sequestration potential of different geomorphic units in Shiyang river basin, China.	0
586	The identification of metabolites from gut microbiota in NAFLD via network pharmacology. 2023 , 13,	0
585	Exosome engineering in cell therapy and drug delivery.	1
584	Recent Escalations in MXenes: From Fundamental to Applications. 2023 , 205-239	0
583	Synthesis and characterization of Se doped Fe_3O_4 nanoparticles for catalytic and biological properties. 2023 , 13,	0
582	Air quality, meteorological variability and pediatric respiratory syncytial virus infections in Singapore. 2023 , 13,	0
581	Cu(II) -coordinated silica based mesoporous inorganic-organic hybrid material: synthesis, characterization and evaluation for drug delivery, antibacterial, antioxidant and anticancer activities. 2023 , 30,	0
580	Ice recrystallization inhibition mechanism of zwitterionic poly(carboxybetaine methacrylate).	0

- 579 Identification, Purification, Characterization and Biopreservation Potential of Antimicrobial Peptide of *Pediococcus acidilactici* NCDC 252. **2023**, 29, 0
- 578 Probing electron-phonon and phonon-phonon coupling in type-II Dirac semi-metal NiTe₂ via temperature-dependent Raman spectroscopy.. 0
- 577 Engineering Mechanical Strong Biomaterials Inspired by Structural Building Blocks in Nature. 0
- 576 Femtosecond laser patterned silicon embedded with gold nanostars as a hybrid SERS substrate for pesticide detection. **2023**, 13, 2620-2630 0
- 575 Ionisation and swelling behaviour of weak polyampholyte core-shell networks – Monte Carlo study. 0
- 574 The effect of metals on zeolite crystallization kinetics with relevance to nuclear waste glass corrosion. **2023**, 7, 0
- 573 Mangroves: An Underutilized Gene Pool to Combat Salinity. **2023**, 215-259 0
- 572 Effects of postharvest processing on aroma formation in roasted coffee – review. 0
- 571 Facile preparation of superhydrophilic and underwater superoleophobic stainless steel mesh for oil-water separation. **2023**, 0
- 570 Current Progress of Bioinformatics for Human Health. **2023**, 145-162 0
- 569 Fabrication and Development of Microfluidic-Paper-based Immunosorbent Assay Platform (µPISA) for Colorimetric Detection of Hepatitis C. 1
- 568 Stability of perovskite solar cells: issues and prospects. **2023**, 13, 1787-1810 2
- 567 Hyperthermia and doxorubicin release by Fol-LSMO nanoparticles induce apoptosis and autophagy in breast cancer cells. 0
- 566 Spongy TiO₂ layers deposited by gig-lox sputtering processes: Contact angle measurements. **2023**, 41, 012802 0
- 565 Nonclassicality of dissipative cavity optomagnonics in the presence of Kerr nonlinearities. 0
- 564 Fabrication of an anodized nanoporous aluminium (AAO/Al) transparent electrode as an ITO alternative for PDLC smart windows. 0
- 563 Impact of marshy area reclamation by various vegetations on soil-nematode community structure in Dachigam National Park. **2023**, 5, 0
- 562 Progress in the Methods of Jujube Breeding. 0

- 561 Investigation of gate-engineered heterostructure tunnel field effect transistor as a label-free biosensor: a compact study. **2023**, 129, 0
- 560 Spatiotemporal variations of water use efficiency and its driving factors in Inner Mongolia from 2001 to 2020. **2023**, 33, 169-194 1
- 559 ZnFe₂O₄@L-cysteine-N/RGO as efficient nano-sonosensitizers, pH-responsive drug carriers and surface charge switchable drug delivery system for targeted chemo-sonodynamic therapy of cancer. **2023**, 109701 0
- 558 Utilizing ultrafast lasers for postprocessing to improve mechanical properties of 3D-printed parts. **2023**, 35, 012016 0
- 557 Mesoporous perovskite-type La_{0.8}Sr_{0.2}Cu_{0.7}Mn_{0.3}O₃/SiO₂ nanocomposite-decorated-graphene-oxide nanosheets: Green synthesis and application in the sensitive determination of Morin in kiwi fruit samples. **2023**, 293, 117257 1
- 556 Tailoring homogeneous immiscible alloy via magneto-Archimedes levitation. **2023**, 226, 115268 0
- 555 Salinity Stress Tolerance in Solanaceous Crops: Current Understanding and Its Prospects in Genome Editing. 2
- 554 Acquisition of a single grid-based phase-contrast X-ray image using instantaneous frequency and noise filtering. **2022**, 21, 0
- 553 Reconfigurable metamaterial for asymmetric and symmetric elastic wave absorption based on exceptional point in resonant bandgap. **2023**, 44, 1-20 0
- 552 Mechanical and gas adsorption properties of graphene and graphynes under biaxial strain. **2022**, 12, 0
- 551 A review: In vivo studies of bioceramics as bone substitute materials. 0
- 550 Magnonic Interconnections: Spin-Wave Propagation across Two-Dimensional and Three-Dimensional Junctions between Yttrium Iron Garnet Magnonic Stripes. **2022**, 18, 0
- 549 Revisiting the Precursors of Cyclonic Systems in the CORDEX RCM REMO2009 Simulations. 0
- 548 Antibacterial Pathways in Transition Metal-Based Nanocomposites: A Mechanistic Overview. Volume 17, 6821-6842 0
- 547 Comparative genomics with evolutionary lineage in Streptomyces bacteria reveals high biosynthetic potentials. **2023**, 39, 0
- 546 The P450 Sterol Side Chain Cleaving Enzyme (P450scc) for Digoxin Biosynthesis in the Foxglove Plant Belongs to the CYP87A Family. 0
- 545 An exploration of mechanism of high quality and yield of *Gastrodia elata* Bl. f. *glauca* by the isolation, identification and evaluation of *Armillaria*. **2022**, 22, 0
- 544 Dynamical analysis of astrocyte-induced neuronal hyper-excitation. 0

543	Fabrication of wafer-scale nanoporous AlGa _N -based deep ultraviolet distributed Bragg reflectors via one-step selective wet etching. 2022 , 12,	0
542	Core respiratory microbiome of the blue whale, <i>Balaenoptera musculus</i> .	0
541	Foliar-applied potassium triggers soil potassium uptake by improving growth and photosynthetic activity of wheat and maize. 1-16	2
540	Principles of Fluorescence Correlation and Dual-Color Cross-Correlation Spectroscopy. 2022 ,	0
539	Domain wall dynamics in cubic magnetostrictive materials subject to Rashba effect and nonlinear dissipation. 2023 , 74,	0
538	Polymers for additive manufacturing and 4D-printing for tissue regenerative applications. 2023 , 159-182	0
537	Photo-cross-linkable hyaluronic acid bioinks for bone and cartilage tissue engineering applications. 1-42	0
536	Collaborative Localization Method Using Analytical and Iterative Solutions. 2023 , 167-189	0
535	A comprehensive 'deep learning method' for empirical 'spectral prediction and' its quantitative validation of nano-structured dimers. 2023 , 13,	1
534	Diastereoselectivity Switch During Alkene Reductions: Diastereodivergent Syntheses of Molecular Fossils via MHAT or Homogeneous Catalytic Hydrogenation Reactions.	0
533	<i>Drosophila melanogaster</i> behavior study: Does plumbum affect pupation and climbing ability of imago?. 2023 ,	0
532	A review on adsorption characteristics and influencing mechanism of heavy metals in farmland soil. 2023 , 13, 3505-3519	0
531	A novel microfluidic device with parallel channels for sperm separation using spermatozoa intrinsic behaviors. 2023 , 13,	0
530	Nanoscale electronic synapses for neuromorphic computing. 2023 , 189-218	0
529	Group B <i>Streptococcus</i> drives major transcriptomic changes in the colonic epithelium.	0
528	Degradable Self-healable Networks for Use in Biomedical Applications. 2205315	0
527	Selective sweeps identification in distinct groups of cultivated rye (<i>Secale cereale</i> L.) germplasm provides potential candidates for crop improvement.	0
526	A Mechanistic Study of Wettability Alterations in Sandstone by Low Salinity Water Injection (LSWI) and CO ₂ Low Salinity Water-Alternating-Gas (WAG) Injection. 2023 , 366, 01019	0

- 525 Enhanced photocatalytic activity of CoNi-decorated Zn-doped Cu₂O synthesized by electrodeposition technique. ○
- 524 Nanoparticle-decorated graphene/graphene oxide: synthesis, properties and applications. ○
- 523 Exploring the Dirac nature of RbBi₂. **2023**, 107, ○
- 522 Crumpled Kirigami. **2023**, 19, 1081-1091 ○
- 521 Alginate Carriers in Wound Healing Applications. **2023**, 297-325 ○
- 520 Forecasting the incidence rates of top three cancers in Malaysia. **2023**, ○
- 519 Long non-coding RNAs TUG1 and MEG3 in patients with type 2 diabetes and their association with endoplasmic reticulum stress markers. ○
- 518 Energy level matched by an external electric field in nontoxic halide perovskite CH₃NH₃SnI₃. ○
- 517 Two-Emitter Multimode Cavity Quantum Electrodynamics in Thin-Film Silicon Carbide Photonics. **2023**, 13, ○
- 516 Crystallite Size Dependent Superparamagnetic Properties of Gold Doped Reduced Graphene Oxide Nanocomposite: An Experimental and Density Functional Theory Study. ○
- 515 Bovine Whole Blood Cells as a Biomarker Platform for Biological Toxicology: A Focus on Thiachlopid. **2023**, 565-582 ○
- 514 Bioprinting microporous functional living materials from protein-based core-shell microgels. **2023**, 14, ○
- 513 Active and passive mechanics for rugose terrain traversal in centipedes. 1
- 512 Design of tripartite square ring metamaterial absorber using polyvinyl chloride as a flexible substrate at s-band and c-band spectrums. **2023**, 34, ○
- 511 Self-supporting and bifunctional Cu-based electrocatalysts with porous structures as superior working electrodes for alkaline water splitting. ○
- 510 Systematic Review Association between Endotype of Prematurity and Mortality: A Systematic Review, Meta-analysis and Meta-regression. ○
- 509 Self-lubrication and tribological properties of polymer composites containing lubricant. **2023**, 13, 3541-3551 ○
- 508 Modeling tumour heterogeneity of PD-L1 expression in tumour progression and adaptive therapy. **2023**, 86, ○

- 507 Application of zinc oxide nano-tube as drug-delivery vehicles of anticancer drug. **2023**, 29, 0
- 506 An integrated microfluidic chip for studying the effects of neurotransmitters on neurospheroids. 0
- 505 Design of highly nonlinear confusion component based on entangled points of quantum spin states. **2023**, 13, 0
- 504 Imaging across multiple spatial scales with the multi-camera array microscope. 0
- 503 Transcranial focused ultrasound-mediated neurochemical and functional connectivity changes in deep cortical regions in humans. 0
- 502 Emerging Machine Learning Techniques in Predicting Adverse Drug Reactions. **2023**, 53-82 0
- 501 Combining protein and metabolic engineering to achieve green biosynthesis of 12EO-Glc-PPD in *Saccharomyces cerevisiae*. 1
- 500 Simulation and characterization of CH₃NH₃SnI₃-based perovskite solar cells with different Cu-based hole transporting layers. **2023**, 129, 1
- 499 Deep learning assisted holography microscopy for in-flow enumeration of tumor cells in blood. **2023**, 13, 4222-4235 0
- 498 Quantum-Dot Distributed Feedback Laser with Large Optical Mismatch. **2023**, 89-122 0
- 497 Phylogenomic insights into the reticulate evolution of *Camellia* sect. *Paracamellia* Sealy (Theaceae). 0
- 496 Neuroinnovation in Medicine: History and Future. **2023**, 13-55 0
- 495 Lead and Aquatic Ecosystems, Biomarkers, and Implications for Humankind. **2023**, 961-988 0
- 494 2,3-Butanediol induces brown blotch resistance in creeping bentgrass by strengthening cell wall structure and promoting lignin synthesis of precursor phenolic acid. **2023**, 45, 0
- 493 Nonmotor symptoms associated with progressive loss of dopaminergic neurons in a mouse model of Parkinson's disease. 0
- 492 High-quality ALN growth: a detailed study on ammonia flow. **2023**, 34, 0
- 491 Identification of major quantitative trait loci and candidate genes for seed weight in soybean. **2023**, 136, 1-17 0
- 490 A Study on the Effect of Contrast Concentration on Fatty Liver Quantitative Analysis of 9.4 T STEM and PRESS MRS: A Virtual Fatty Liver Phantom Study. 0

- 489 Titanium dioxide functionalized multi-walled carbon nanotubes, and silver nanoparticles reinforced polyurethane nanofibers as a novel scaffold for tissue engineering applications. **2023**, 1
- 488 Luminescent and Photocatalytic Activity of NaGd(MoO₄)₂:Dy³⁺/Eu³⁺ and NaGd(WO₄)₂:Dy³⁺/Eu³⁺ Nanorods for Efficient Sensing and Degradation of Antibiotic Drug; Nitrofurantoin. 0
- 487 Downregulation and delayed induction of photosynthesis by coordinated transcriptomic changes induced by sink-source imbalance. 0
- 486 Phonon transport in Janus monolayer siblings: a comparison of 1T and 2H-ISbTe. **2023**, 13, 4202-4210 0
- 485 Identification of genes associated with abiotic stress tolerance in sweetpotato using weighted gene co-expression network analysis. 0
- 484 Same-Day ART Initiation and Associated Factors Among People Living with HIV on Lifelong Therapy at Nekemte Specialized Hospital, Western Ethiopia. Volume 15, 11-22 0
- 483 **Mid**-metagenomics: A novel approach for cultivation independent microbial genome reconstruction from environmental samples. 0
- 482 Colloquium : Quantum anomalous Hall effect. **2023**, 95, 3
- 481 Revealing the electronic, optical and photocatalytic properties of PN-M₂CO₂ (P = Al, Ga; M = Ti, Zr, Hf) heterostructures. 0
- 480 Active Control of Equilibrium, Near-Equilibrium, and Far-from-Equilibrium Colloidal Systems. 0
- 479 Challenges in arid region reclamation with special reference to Indian Thar Desert's conservation and remediation techniques. 0
- 478 Modulation of sediment load recovery downstream of Three Gorges Dam in the Yangtze River. **2023**, 6, 0
- 477 In-situ mineralization of biomass-derived hydrogels boosts capacitive electrochemical energy storage in free-standing 3D carbon aerogels. 0
- 476 Effect of gonadotropin-releasing hormone agonist monotherapy and combination therapy with growth hormone on final adult height in girls with central precocious puberty. **2023**, 13, 0
- 475 Study effect of traditional chemotherapy compared with the effect of combination (chemotherapeutic plus paroxetine) on cell line of multiple myeloma. **2023**, 0
- 474 Polysaccharide-based C-dots and polysaccharide/C-dot nanocomposites: fabrication strategies and applications. 0
- 473 Solution-Processed OLEDs for Printing Displays. 0
- 472 Tunable dielectric BIC metasurface for high resolution optical filters. 0

- 471 Quantum Phase Transitions for an Integrable Quantum Rabi-like Model with Two Interacting Qubits. **2023**, 130, ○
- 470 Hepatoprotective Molecules from Himalayan Plants and their Role in Xenobiotic Mechanisms: A Tabulated Review. **2023**, 14-25 ○
- 469 Designing a New Method for Growing of Metal-Organic Framework (MOF) on MOF: Synthesis, Characterization and Catalytic Application. ○
- 468 The dual role of microRNA (miR)-20b in cancers: Friend or foe?. **2023**, 21, ○
- 467 "Breaking bud": the effect of direct chemical modifications of phytocannabinoids on their bioavailability, physiological effects, and therapeutic potential. ○
- 466 Te and Ge solid-state reaction: comparison between 2D and 3D growth of EGeTe . ○
- 465 Production of 21-hydroxy-20-methyl-pregna-1,4-dien-3-one by modifying multiple genes in *Mycolicibacterium*. ○
- 464 Genome sequence and genomic analysis of liver abscess caused by hypervirulent *Klebsiella pneumoniae*. **2023**, 13, ○
- 463 Dynamical response and noise limit of a parametrically pumped microcantilever sensor in a Phase-Locked Loop. **2023**, 13, 1
- 462 Recent advances in 3D printed electrode materials for electrochemical energy storage devices. **2023**, ○
- 461 Re-Entrant Microstructures for Robust Liquid Repellent Surfaces. 2201836 ○
- 460 Impact of Co-doping on the microstructural and electrochemical features of mesoporous 3D oval-shaped $\text{Ni}_3\text{-xCoxV}_2\text{O}_8$ electrodes for high-performance hybrid supercapacitors. **2023**, 61, 106674 ○
- 459 Sensing of amino acids: Critical role of nanomaterials for the efficient biomedical analysis. **2023**, 188, 108452 ○
- 458 Biophysical and Biochemical Mechanisms Underlying Collective Cell Migration in Cancer Metastasis. **2023**, 77-112 ○
- 457 Omic-Based Biomarkers Discovery in Alzheimer's Disease: High-Throughput Approaches. **2023**, 1-18 ○
- 456 Fig (*Ficus carica*) Seed Oil. **2023**, 357-368 ○
- 455 Osteomatrix as a personalized 3D tissue-specific invasion test-bed for oral carcinoma. ○
- 454 Performance Limit of One Dimension SbSI Nanowires Transistors. ○

- 453 High-performance diodes based on black phosphorus/carbon nanomaterial heterostructures. ○
- 452 Streamlining the interface between electronics and neural systems for bidirectional electrochemical communication. ○
- 451 Electronic structure of rhombus-shaped nanographenes: system size evolution from closed- to open-shell ground states. ○
- 450 Passive redirection filters minimize red blood cell contamination during neutrophil chemotaxis assays using whole blood. **2023**, 23, 1879-1885 ○
- 449 Janus EPdXY (X/Y = S, Se, Te) materials with high anisotropic thermoelectric performance. **2023**, 15, 5964-5975 ○
- 448 Ternary pentagonal BXN (X = C, Si, Ge, and Sn) sheets with high piezoelectricity. **2023**, 13, 9636-9641 ○
- 447 Potential of Bamboo in the Prevention of Diabetes-Related Disorders: Possible Mechanisms for Prevention. **2023**, 89-124 ○
- 446 N₂ adsorption on high-entropy alloy surfaces: unveiling the role of local environments. ○
- 445 The impact of the tube diameter of non-thermal atmospheric pressure plasma jet for producing reactive species. **2023**, ○
- 444 Quantum plasmonic two-dimensional WS₂/MoS₂ heterojunction. ○
- 443 Self-healing Supercapacitors. **2023**, 357-378 ○
- 442 Mutual Coupling Reduction Between Two Closely Spaced Microstrip Antennas Using Electromagnetic Band Gap (EBG) Structure for IoT Applications. **2023**, 189-195 ○
- 441 Light inducible protein degradation in E. coli with LOVtag. ○
- 440 A novel ZnS-CdS nanocomposite as a visible active photocatalyst for degradation of synthetic and real wastewaters. **2023**, 13, ○
- 439 Metal doped polyaniline as neuromorphic circuit elements for in-materia computing. **2023**, 24, ○
- 438 New frontiers in immune checkpoint B7-H3 (CD276) research and drug development. **2023**, 22, ○
- 437 Somatodendritic orientation determines tDCS-induced neuromodulation of Purkinje cell activity in awake mice. ○
- 436 Neuroendocrine and psychophysiological investigation of the evolutionary roots of gossip. **2023**, 13, ○

- 435 Computational biology predicts metabolic engineering targets for increased production of 102 valuable chemicals in yeast. ○
- 434 Community diversity affects functionality and species sorting during propagation of a natural microbial community. ○
- 433 Nanoarchitectonics of wide-bandgap perovskite films using sputtered-PbI₂ precursor and ion-exchange method. **2023**, 129, ○
- 432 Secondary bile acid production by gut bacteria promotes Western diet-associated colorectal cancer. ○
- 431 Electrolytes for Zn Batteries: Deep Eutectic Solvents in Polymer Gels. ○
- 430 Differentiable Imaging: A New Tool for Computational Optical Imaging. ○
- 429 Fabrication of polydopamine decorated carbon cloth as support material to anchor CeO₂ nanoparticles for electrochemical detection of ethanol. **2023**, 190, ○
- 428 Emergence of Sizeable Interfacial Dzyaloshinskii-Moriya Interaction at Cobalt/Fullerene Interface. **2023**, 19, ○
- 427 Practicing the concept of "structuring" processing in the manufacture of polymer films. **2023**, 66, 993-1010 ○
- 426 Analyses of a chromosome-scale genome assembly reveal the origin and evolution of cultivated chrysanthemum. **2023**, 14, ○
- 425 Comparative transcriptomic analysis of germinating rice seedlings to individual and combined anaerobic and cold stress. **2023**, 24, ○
- 424 Gold Nanoparticles: Synthesis, Functionalization and Biomedical Applications Especially in Cardiovascular Therapy. ○
- 423 Brainstem neuromelanin and iron MRI reveals a precise signature for idiopathic and LRRK2 Parkinson's disease. **2023**, 9, ○
- 422 A critical examination of robustness and generalizability of machine learning prediction of materials properties. **2023**, 9, 1
- 421 Controlling the Self-Assembly of Hierarchical PS- b -P4VP Structures Prepared by Dip-Coating and Emulsion Breath Figure Techniques. **2023**, 8, ○
- 420 Correlation between solvent composition and materials properties of organohydrogels prepared by solvent displacement. ○
- 419 Sestrin2-mediated disassembly of stress granules dampens aerobic glycolysis to overcome glucose starvation. **2023**, 9, ○
- 418 N-type H₂-doped amorphous silicon layer for solar-cell application. ○

- 417 Inertial loads on a finite-length cylinder embedded in a steady uniform flow. **2023**, 8,
- 416 Measuring antigen expression of cancer cell lines and circulating tumour cells. **2023**, 13,
- 415 LkARF7 and LkARF19 overexpression promote adventitious root formation in a heterologous poplar model by positively regulating LkBBM1. **2023**, 6,
- 414 Spectroscopic estimation of the photon number for superconducting Kerr parametric oscillators. **2023**, 62, SC1097
- 413 A glomerulus chip with spherically twisted cell-laden hollow fibers as glomerular capillary tufts. **2023**, 15, 035004
- 412 Recent Progress of Non-thermal Atmospheric Pressure Plasma for Seed Germination and Plant Development: Current Scenario and Future Landscape.
- 411 Dual composition Chondroitin Sulfate and gelatin biomimetic hydrogel based on tyramine crosslinking for tissue regenerative medicine. **2023**, 189, 111975
- 410 Functional nanomaterials for selective uranium recovery from seawater: Material design, extraction properties and mechanisms. **2023**, 483, 215097
- 409 Controlled synthesis of Cu-/Ni-based 1D c-MOFs and their application in near-linear temperature sensing. **2023**, 211, 111937
- 408 Impact of chemical short-range order on radiation damage in Fe-Ni-Cr alloys. **2023**, 229, 115373
- 407 MXenes: from past to future perspectives. **2023**, 463, 142351
- 406 High-performance and ultra-sensitive ultraviolet photodetector based on surface passivated Fe_2O_3 thin film. **2023**, 300, 127546
- 405 Enhanced adhesion of functional layers by controlled electrografting of ethylenediamine on ITO for electrochemical immunoassay in microfluidic channel. **2023**, 229, 115201
- 404 Reviewing perovskite oxide sites influence on electrocatalytic reactions for high energy density devices. **2023**, 81, 1-19
- 403 Sequence-specific DNA labelling for fluorescence microscopy. **2023**, 230, 115256
- 402 Three-dimensional maple leaf CdS/g-C₃N₄ nanosheet composite for photodegradation of benzene in water. **2023**, 34, 104026
- 401 Self-Healable Spider Dragline Silk Materials.
- 400 Excess BMI in early adolescence adversely impacts maturing functional circuits supporting high-level cognition and their structural correlates.

- 399 An overview of advancement of organoruthenium(II) complexes as prospective anticancer agents. **2023**, 487, 215169 ○
- 398 Discrimination of tooth composition through temporally shaped femtosecond laser-induced breakdown spectroscopy. **2023**, 35, 022010 ○
- 397 Metabolic Engineering for High-Value Bioactive Compounds from Medicinal Plants. **2022**, 521-544 ○
- 396 UVR8 Signaling, Mechanism, and Integration with Other Pathways. **2022**, 193-221 ○
- 395 DNA Barcoding for the Substantiation of Herbal Products. **2022**, 651-668 ○
- 394 Metamaterial-Based High-Performance Engineered Surface for RCS Reduction. **2022**, 225-240 ○
- 393 Nonlinear Structured Illumination Microscopy by Employing Saturable Absorbing Material. **2022**, ○
- 392 Quantum Imaging of a Polarisation Sensitive Phase Pattern with Hyper-entangled Photons. **2022**, ○
- 391 A New Lignan (Polonilignan) and Inhibitors of Nitric Oxide Production from *Penicillium polonicum*, an Endophytic Fungi of *Piper nigrum*. **2023**, 20, ○
- 390 Suppressing the mechanochromism of flexible photonic crystals. **2023**, 31, 6281 1
- 389 CD83 acts as immediate early response gene in activated macrophages and exhibits specific intracellular trafficking properties. **2023**, 647, 37-46 ○
- 388 Glioblastoma Spheroid Invasion through Soft, Brain-Like Matrices Depends on Hyaluronic Acid-CD44 Interactions. 2203143 ○
- 387 Biosensor integrated brain-on-a-chip platforms: Progress and prospects in clinical translation. **2023**, 225, 115100 ○
- 386 Fabrication of Superhydrophobic Surface on Anodized Aluminum Through a Wet-Chemical Route. **2023**, 12, 023004 ○
- 385 Low sampling high quality image reconstruction and segmentation based on array network ghost imaging. **2023**, 31, 9945 ○
- 384 The Long Outer-Hair-Cell RC Time Constant: A Feature, Not a Bug, of the Mammalian Cochlea. **2023**, 24, 129-145 ○
- 383 Unraveling time- and frequency-resolved nuclear resonant scattering spectra. **2023**, 5, ○
- 382 Fe-containing metal-organic framework with D -penicillamine for cancer-specific hydrogen peroxide generation and enhanced chemodynamic therapy. ○

- 381 Recent trends in non-reactive light driven Micro/-nano propellers and rotors. **2023**, 31, 101748 1
- 380 Equilibrium states of confined ions in two dimensions. **2023**, 103, 595-609 1
- 379 Vital node identification based on cycle structure in a multiplex network. **2023**, 96, 0
- 378 Semiconducting electrodes for neural interfacing: a review. **2023**, 52, 1491-1518 0
- 377 Designs to Improve Capability of Neural Networks to Make Structural Predictions. 0
- 376 Spider-capture-silk mimicking fibers with high-performance fog collection derived from superhydrophilicity and volume-swelling of gelatin knots. **2023**, 5, 0
- 375 Deep-Learning Methods for the Classification of Normal and Pathological Blood Cells and Bone-Marrow Cells: A Comprehensive Review. **2023**, 483-494 0
- 374 Highly efficient EMI shielding applications of porous nickel-iron ferrite doped with yttrium nanocomposite thin films as a multifunctional material. **2023**, 34, 0
- 373 Digital image analysis and assisted reading of the HER2 score display reduced concordance: pitfalls in the categorisation of HER2 -low breast cancer. **2023**, 82, 912-924 0
- 372 In silico analysis of low molecular weight sulfated chitosan from *Sepia brevimana* as potential inhibitors of white spot syndrome envelope proteins. 0
- 371 The diagnostic significance of CDH17-positive circulating tumor cells in patients with colorectal cancer. **2023**, 23, 171-179 0
- 370 Growth in chikungunya virus-related research in ASEAN and South Asian countries from 1967 to 2022 following disease emergence: a bibliometric and graphical analysis. **2023**, 19, 0
- 369 Improved Performance of Silicon Anodes Using Copper Nanoparticles as Additive. **2023**, 20, 1
- 368 One-dimensional rare-earth tungstate nanostructure encapsulated reduced graphene oxide electrocatalyst-based electrochemical sensor for the detection of organophosphorus pesticide. 0
- 367 Isolation and characterization of N-(2-Hydroxyethyl)hexadecanamide from *Colletotrichum gloeosporioides* with apoptosis-inducing potential in breast cancer cells. 0
- 366 Benefits of the microalgae *Spirulina* and *Schizochytrium* in fish nutrition: a meta-analysis. **2023**, 13, 0
- 365 Effect of Light and Electrostatic Gate at Oxide Interface $\text{LaFeO}_3/\text{TiO}_2$ at Room Temperature. 0
- 364 Establishment of a repertoire of fertility associated sperm proteins and their differential abundance in buffalo bulls (*Bubalus bubalis*) with contrasting fertility. **2023**, 13, 0

- 363 Hybrid Lymphatic Drug Delivery Vehicles as a New Avenue for Targeted Therapy: Lymphatic Trafficking, Applications, Challenges, and Future Horizons. ○
- 362 Functional magnetic resonance imaging in migraine: A systematic review. **2023**, 43, 033310242211282 ○
- 361 An exploratory data analysis from ovine and bovine RNA-seq identifies pathways and key genes related to cervical dilatation. ○
- 360 Omniphobic, ice-repellent, anti-bacterial, slippery liquid-infused porous surface (SLIPS) using sprayable chitin nanofiber coating. **2023**, 31, 65-74 ○
- 359 Design, synthesis and performance of novel fluorescent polymer microspheres tracers based on aggregation induced emission. **2023**, 140, ○
- 358 Semi-empirical infrared spectra simulation of pyrene-like molecules insight for simple analysis of functionalization graphene quantum dots. **2023**, 13, ○
- 357 Diagnosis of echinococcosis by detecting circulating cell-free DNA and miRNA. **2023**, 23, 133-142 ○
- 356 Screening Indels from the whole genome to identify the candidates and their association with economic traits in several goat breeds. **2023**, 23, 1 ○
- 355 Improved Off-State Leakage Current and Cutoff Frequency for AlGa_N/Ga_N HEMT by Using Silicon-on-Insulator. **2023**, 12, 025001 ○
- 354 Flood, landslides, forest fire, and earthquake susceptibility maps using machine learning techniques and their combination. **2023**, 116, 3797-3816 2
- 353 Arginine transportation mechanism through cationic amino acid transporter 1: insights from molecular dynamics studies. 1-15 ○
- 352 Nanoporous graphene in polymeric nanocomposite membranes for gas separation and water purification—findings and headways. **2023**, 60, 81-91 ○
- 351 Structural Control and Optimization Schemes of Silicon-Based Anode Materials. 2201496 ○
- 350 Heterotrophic nitrification of organic nitrogen in soils: process, regulation, and ecological significance. **2023**, 59, 261-274 ○
- 349 Detection of type III effector-induced transcription factors that regulate phytohormone content during symbiosis establishment in soybean. **2023**, 175, ○
- 348 Properties of (Glass, Pb)/MgSe Interfaces Designed as Terahertz Band Filters. **2023**, 53, ○
- 347 *Ælicus johannis* Boiss. leaves ethanolic extract ameliorate streptozotocin-induced diabetes in rats by upregulating the expressions of GCK, GLUT4, and IGF and downregulating G6Pâ—2023, 30, 49108-49124 ○
- 346 Sleep characteristics of middle-aged adults with non-alcoholic fatty liver disease: findings from the Shahrekord PERSIAN cohort study. **2023**, 23, ○

- 345 Investigation of dielectric properties of amorphous, anatase, and rutile TiO₂ structures. **2023**, 34, ○
- 344 Tuning charge carrier dynamics through spacer cation functionalization in layered halide perovskites: an ab initio quantum dynamics study. **2023**, 11, 3521-3532 ○
- 343 A comparative metabolomic study of *Camellia oleifera* fruit under light and temperature stress. **2023**, 21, 171-180 ○
- 342 Temporal decline of genetic differentiation among populations of western flower thrips across an invaded range. ○
- 341 Recent Strategies to Combat Multidrug Resistance. **2023**, 1-27 ○
- 340 The application of artificial intelligence in the detection of basal cell carcinoma: A systematic review. ○
- 339 Prevalence of major parasitic nematodes associated with tomatoes (*Solanum lycopersicum* L.) in two districts of Jimma, Ethiopia. **2023**, 56, 158-174 ○
- 338 Identification and Molecular Modification of *Staphylococcus aureus* Bacteriophage Lysin LysDZ25. **2023**, 9, 497-506 ○
- 337 Predictive value of characteristics of resected parathyroid glands for persistent secondary hyperparathyroidism during parathyroidectomy. **2023**, 23, ○
- 336 Delaying the GABA shift indirectly affects membrane properties in the developing hippocampus. ○
- 335 Characterization of suspended microplastics in surface waters of Chalakudy River, Kerala, India. 1-20 ○
- 334 In situ encapsulation of V₂O₅@ZIF-8 nanocomposites as electrode materials for high-performance supercapacitors with long term cycling stability. **2023**, 11, 3070-3085 ○
- 333 CRISPR/Cas9-mediated targeted knock-in of large constructs using nocodazole and RNase HII. **2023**, 13, ○
- 332 The advent of recyclable CO₂-based polycarbonates. **2023**, 14, 1164-1183 ○
- 331 Advances in harvesting water and energy from ubiquitous atmospheric moisture. ○
- 330 Flexible electronics based on one-dimensional inorganic semiconductor nanowires and two-dimensional transition metal dichalcogenides. **2023**, 108226 ○
- 329 Explainable Deep Hypergraph Learning Modeling the Peptide Secondary Structure Prediction. **2023**, 10, 1
- 328 Dual credit assignment processes underlie dopamine signals in a complex spatial environment. ○

- 327 Modularized dynamic cell culture platform for efficient production of extracellular vesicles and sequential analysis. **2023**, 23, 1852-1864 ○
- 326 An active tunable terahertz functional metamaterial based on hybrid-graphene vanadium dioxide. **2023**, 25, 7825-7831 1
- 325 Analytical Study and Experimental Verification of Shear-Thinning Ink Flow in Direct Ink Writing Process. **2023**, 145, ○
- 324 Chiral-fluctuations mediated helical to paramagnetic phase transition and scaling study in EMn type Co₈Zn₈Mn₄ chiral magnet. **2023**, 35, 175801 ○
- 323 Plants detect and respond to sounds. **2023**, 257, ○
- 322 ROS, pH, and magnetically responsive ZnFe₂O₄@l-Cysteine@NGQDs nanocarriers as charge-reversal drug delivery system for controlled and targeted cancer chemo-sonodynamic therapy. **2023**, 150, 110544 ○
- 321 Identifying ways of producing pigs more sustainably: tradeoffs and co-benefits in land and antimicrobial use. **2023**, 13, ○
- 320 Optimization of highly inclined illumination for diffraction-limited and super-resolution microscopy. ○
- 319 An entropy and copula-based framework for streamflow prediction and spatio-temporal identification of drought. ○
- 318 SiHDA9 interacts with SiHAT3.1 and SiHDA19 to repress dehydration responses through H3K9 deacetylation in foxtail millet. ○
- 317 The interplay of inflammation, exosomes and Ca²⁺ dynamics in diabetic cardiomyopathy. **2023**, 22, ○
- 316 Caspase-9-mediated cleavage of vimentin attenuates the aggressiveness of leukemic NB4 cells. ○
- 315 Emerging role of mesenchymal stem/stromal cells (MSCs) and MSCs-derived exosomes in bone- and joint-associated musculoskeletal disorders: a new frontier. **2023**, 28, ○
- 314 Rapid detection of sunset yellow adulteration in tea powder with variable selection coupled to machine learning tools using spectral data. **2023**, 60, 1530-1540 ○
- 313 Long-term increase in fasting blood glucose is associated with increased risk of sudden cardiac arrest. **2023**, 22, ○
- 312 Flexible strain sensor based on a frequency selective surface. **2023**, 31, 8884 ○
- 311 Full-visibility 3D imaging of oxygenation and blood flow by simultaneous multispectral photoacoustic fluctuation imaging (MS-PAFI) and ultrasound Doppler. **2023**, 13, ○
- 310 Investigation of autism-related transcription factors underlying sex differences in the effects of bisphenol A on transcriptome profiles and synaptogenesis in the offspring hippocampus. **2023**, 14, 1

- 309 Acetylation-dependent coupling between G6PD activity and apoptotic signaling. ○
- 308 Visualization and Electrical Response of Electroconvective Vortices on the Surface of Homo/Heterogeneous Ion Exchange Membranes. **2023**, 33, 21-28 ○
- 307 Evaluation of chemosterility effect of different insect growth regulators on *Bactrocera zonata* population. **2023**, 106, 003685042311553 ○
- 306 Socioeconomic inequality in awareness, treatment and control of diabetes among adults in India: Evidence From National Family Health Survey of India (NFHS), 2019-2021. **2023**, 13, ○
- 305 Contraction of human brain vascular pericytes in response to islet amyloid polypeptide is reversed by pramlintide. **2023**, 16, 1 ○
- 304 First report of *Colletotrichum spaethianum* causing anthracnose disease on *Bletilla striata*. 1-10 ○
- 303 Poly(2-ethyl-2-oxazoline)-IR780 conjugate nanoparticles for breast cancer phototherapy. **2022**, 17, 2057-2072 ○
- 302 Anticancer plant-derivatives: deciphering their oncopreventive and therapeutic potential in molecular terms. **2023**, 9, ○
- 301 Physiological and Molecular Role of Strigolactones as Plant Growth Regulators: A Review. ○
- 300 Allosteric modulation of conserved motifs and helices in 5HT2BR: Advances drug discovery and therapeutic approach towards drug resistant epilepsy. 1-14 ○
- 299 Pyrite (FeS₂)-decorated 1D TiO₂ nanotubes in a bilayer as a sustainable photoanode for photoelectrochemical water splitting activity. ○
- 298 The specificity of induced chemical defence of two oak species affects differently arthropod herbivores and arthropod and bird predation. **2023**, 17, 141-155 ○
- 297 Reliance on fossil fuels: ethical implications for intensivists. **2023**, 49, 330-333 ○
- 296 Ultrabroadband and Reconfigurable Transmissive Acoustic Metascreen. 2300752 ○
- 295 Uncertainty in vulnerability of networks under attack. **2023**, 13, ○
- 294 Ordered stripes to crack patterns in dried particulates of DNA-coated gold colloids via modulating nanoparticle-substrate interactions. **2023**, 19, 2265-2274 ○
- 293 Large area inkjet-printed metal halide perovskite LEDs enabled by gas flow assisted drying and crystallization. **2023**, 15, 5649-5654 ○
- 292 Concepts, electrode configuration, characterization, and data analytics of electric and electrochemical microfluidic platforms: a review. ○

- 291 Acid-modified CNT/Zinc Oxide nanowires based high performance broadband photodetector. **2023**, 13, 0
- 290 Comparative analysis of EpCAM high-expressing and low-expressing circulating tumour cells with regard to their clonal relationship and clinical value. 2
- 289 Aqueous-phase photochemical oxidation of water-soluble brown carbon aerosols arising from solid biomass fuel burning. 0
- 288 Three-Photon Excitation of InGaN Quantum Dots. **2023**, 130, 0
- 287 Privacy with Good Taste. **2023**, 103-119 0
- 286 MsDIUP1 encoding a putative novel LEA protein positively modulates salt tolerance in alfalfa (*Medicago sativa* L.). 0
- 285 Recent advances on genome-wide association studies (GWAS) and genomic selection (GS); prospects for Fusarium head blight research in Durum wheat. **2023**, 50, 3885-3901 0
- 284 On-chip construction of a fully structured scaffold-free vascularized renal tubule. **2023**, 25, 0
- 283 Pleiotropic contribution of *frbfox1* to psychiatric and neurodevelopmental phenotypes in a zebrafish model. 0
- 282 Bisphenol-A (BPA) Impairs Hippocampal Neurogenesis via Inhibiting Regulation of the Ubiquitin Proteasomal System. 0
- 281 Synthesis Nanostructure MnMoO₄/NiCo₂O₄ on Graphenized Pencil Lead as Solid Phase Microextraction Fiber for Measurement of Environmental Pollutants in Surface Waters Samples. 1-17 0
- 280 CRISPR/Cas9 editing of wheat *Ppd-1* gene homoeologs alters spike architecture and grain morphometric traits. **2023**, 23, 0
- 279 Hierarchical graph learning for protein-protein interaction. **2023**, 14, 0
- 278 Tenascin-C activation of lung fibroblasts in a 3D synthetic lung extracellular matrix mimic. 0
- 277 Krein support vector machine classification of antimicrobial peptides. **2023**, 2, 502-511 0
- 276 Reward-dependent dynamics and changes in risk taking in the Balloon Analogue Risk Task. 1-15 0
- 275 Hierarchy of Lifshitz Transitions in the Surface Electronic Structure of Sr₂RuO₄ under Uniaxial Compression. **2023**, 130, 0
- 274 A review of piezoelectric MEMS sensors and actuators for gas detection application. **2023**, 18, 0

- 273 Light-matter interaction empowered by orbital angular momentum: Control of matter at the micro- and nanoscale. **2023**, 88, 100459
- 272 Genome-wide association study revealed suggestive QTLs for production and reproduction traits in Indian Murrah buffalo. **2023**, 13,
- 271 Advanced metal oxide-based nanocatalysts for the oxidative synthesis of fine chemicals.
- 270 The recent advance of precisely designed membranes for sieving. **2023**, 34, 232003
- 269 Elimination of varying chromatic aberrations based on diffractive optics. **2023**, 31, 11041
- 268 Heparan sulfate glycomimetics via iterative assembly of "clickable" disaccharides. **2023**, 14, 3514-3522
- 267 Theoretical studies on electronic, magnetic and optical properties of two dimensional transition metal trihalides. **2023**, 35, 233001
- 266 Swelling induced mechanically tough starch-gelatin based hydrogel as a control release drug vehicle for wound dressing applications. **2023**, 11, 2927-2936
- 265 Uncovering the essential roles of human GCP 2 orthologs in *Caenorhabditis elegans*.
- 264 Electrically Conducting Smart Biodegradable Polymers and Their Applications. **2023**, 391-413
- 263 One-dimensional III-nitrides: towards ultrahigh efficiency, ultrahigh stability artificial photosynthesis. **2023**, 11, 5427-5459
- 262 Phase manipulation of two-dimensional MoS₂ nanostructures. **2023**, 46,
- 261 Mechanisms Underlying Tumor-Associated Macrophages (TAMs)-Facilitated Metastasis. **2023**, 1-54
- 260 Biogenesis of Non-coding RNAs (ncRNAs) and Their Biological Role in Rice (*Oryza sativa* L.).
- 259 Visualization of oscillatory electron dynamics on the surface of liquid helium. **2023**, 107,
- 258 Correlation between the time constant of a photorefectance signal and the quantum efficiency of a p-n junction. **2023**, 82, 692-698
- 257 Electrical and mechanical stability of flexible, organic electrolyte-gated transistors based on ionogel and hydrogels. **2023**, 11, 4623-4633
- 256 Ribosome-targeting antibiotics and resistance via ribosomal RNA methylation.

- 255 Self-dyeing textiles grown from cellulose-producing bacteria with engineered tyrosinase expression. ○
- 254 A community-aware centrality framework based on overlapping modularity. **2023**, 13, ○
- 253 Experimental investigation and simulation of lifting plate hele-shaw flow under anisotropy for spontaneous development of controlled planar microstructures. ○
- 252 Ultra-broadband and flexible metamaterial absorber based on MoS₂ cuboids with Mie resonances. ○
- 251 Controlling simonkolleite crystallisation via metallic Zn oxidation in a betaine hydrochloride solution. ○
- 250 Inflammatory Cytokines Associated with Multiple Sclerosis Directly Induce Alterations of Neuronal Cytoarchitecture in Human Neurons. ○
- 249 Extracellular vesicles derived from mesenchymal stem cells as a novel therapeutic tool in infectious diseases. **2023**, 43, ○
- 248 Analysis of contact pressure in a 3D model of dual-mobility hip joint prosthesis under a gait cycle. **2023**, 13, 2
- 247 Electrochemical Deposition with Redox Replacement of Lanthanum with Uranium in Molten LiCl-KCl. **2023**, 170, 032504 ○
- 246 Asymptotical Outer Synchronization for the Controlled Complex Dynamic Networks with Unknown Bounded Interaction. **2023**, 21, 1080-1088 ○
- 245 Reconfigurable broad-band rejection filter based on spoof surface plasmon polaritons. **2023**, 56, 075401 ○
- 244 Castor oil-based UV -curable polyurethane acrylate resins for digital light processing (DLP) 3D printing technology. **2023**, 140, ○
- 243 A novel in-vivo phagocytosis assay to gain cellular insights on sponge-microbe interactions. ○
- 242 Efficacious use of potential biosurfactant producing plant growth promoting rhizobacteria to combat petrol toxicity in Zea mays L. plants. **2023**, 30, 53725-53740 ○
- 241 Valley transport via dual-band elastic topological edge states in local-resonant phononic crystal plate. **2023**, 133, 095110 ○
- 240 Gene essentiality in cancer is better predicted by mRNA abundance than by gene regulatory network-inferred activity. ○
- 239 Sexual antagonism in sequential hermaphrodites. ○
- 238 Field-controlled quantum anomalous Hall effect in electron-doped CrSiTe₃ monolayer. **2023**, 7, 1

- 237 Electronic, Optical, and Magnetic Properties of Fe- or Co-Doped 2D 2H-CrSe 2. 2200274 ○
- 236 Uncertainty of multi-source vegetation products on regional climate simulation in China. ○
- 235 Ultrasonic assisted magnetic abrasive finishing of DIN 1.2738 tool steel using vitrified bonded magnetic abrasive particles. 095440892311597 ○
- 234 Machine learning to predict the antimicrobial activity of cold atmospheric plasma-activated liquids. **2023**, 4, 015030 ○
- 233 Doxorubicin-loaded liposomes surface engineered with the matrix metalloproteinase-2 cleavable polyethylene glycol conjugate for cancer therapy. **2023**, 14, ○
- 232 Higher speed, wider angle linear electro-optic deflection via domain engineered KTN crystals. **2023**, 13, 903 ○
- 231 Comparison of vector elements and process conditions in transient and stable suspension HEK293 platforms using SARS-CoV-2 receptor binding domain as a model protein. **2023**, 23, ○
- 230 A nucleosome switch primes Hepatitis B Virus infection. ○
- 229 Genetic manipulation of microRNAs: approaches and limitations. ○
- 228 DNA methylation analysis identifies key transcription factors involved in mesenchymal stem cell osteogenic differentiation. **2023**, 56, ○
- 227 Radiomics Based Diagnosis with Medical Imaging: A Comprehensive Study. ○
- 226 Nd³⁺ induced twofold continuous spin reorientation transition and magnetization along the b-axis in a Dy_{0.9}Nd_{0.1}FeO₃ single crystal. **2023**, 25, 2125-2132 ○
- 225 A plastid phylogenomic framework for the palm family (Arecaceae). **2023**, 21, ○
- 224 Recent Advances in Various Starch Formulation for Wastewater Purification via Adsorption Technique: A Review. ○
- 223 Fabrication of a self-standing supramolecular membrane by a "soft spray" technique. **2023**, 59, 4197-4200 ○
- 222 Precise modulation strategies of 2D/3D perovskite heterojunctions in efficient and stable solar cells. **2023**, 59, 4128-4141 ○
- 221 Possible mechanisms of action of *Bacillus wiedmannii* AzBw1, a biocontrol agent of the root-knot nematode, *Meloidogyne arenaria*. **2023**, 33, ○
- 220 Antioxidant Defensive Mechanisms to Regulate Cellular Redox Homeostatic Balance. **2023**, 143-172 ○

- 219 Transverse Particle Trapping Using Finite Bessel Beams Based on Acoustic Metamaterials. **2023**, 19, ○
- 218 Recent Trends and Future Prospects of Nanotechnology for Agro-Waste Valorization into Biofuels. **2023**, 559-582 ○
- 217 The model diatom *Phaeodactylum tricornutum* provides insights into the diversity and function of microeukaryotic DNA methyltransferases. **2023**, 6, ○
- 216 The long non-coding RNA MALAT1 modulates NR4A1 expression through a downstream regulatory element in specific cancer-cell-types. ○
- 215 Alpha-2-macroglobulin is involved in the occurrence of early-onset pre-eclampsia via its negative impact on uterine spiral artery remodeling and placental angiogenesis. **2023**, 21, ○
- 214 Association of soil fungal community composition with incidence of Fusarium wilt of banana in Malaysia. **2023**, 115, 178-186 ○
- 213 Advancements in droplet reactor systems represent new opportunities in chemical reactor engineering: A perspective. ○
- 212 Impact of Hydrogen-Bond Surrogate Model on Helix Stabilization and Development of Protein-Protein Interaction Inhibitors. **2023**, 8, ○
- 211 Removal of a complex VOC mixture by potted plants—effects on soil microorganisms. **2023**, 30, 55372-55381 ○
- 210 Nanodrug delivery systems for metabolic chronic liver diseases: advances and perspectives. **2023**, 18, 67-84 ○
- 209 Heterologous expression of *Chlorophytum borivilianum* Squalene epoxidase in tobacco modulates stigmaterol production and alters vegetative and reproductive growth. ○
- 208 Nanoporous structures with Fe⁰/Fe^{II}/Fe^{III} co-existed as catalysts for phenol degradation. **2023**, 98, 23 ○
- 207 Brain metastasis in breast cancer: focus on genes and signaling pathways involved, blood-brain barrier and treatment strategies. **2023**, 25, 1218-1241 ○
- 206 Genetic Engineering to Improve Biotic and Abiotic Stress Tolerance in Maize (*Zea mays* L.). **2023**, 195-234 ○
- 205 Mapping the minds of spectators during an extreme ritual: a network perspective. 1-19 ○
- 204 DNA as a Ladder Polymer, from the Basics to Structured Nanomaterials. **2023**, 301-321 ○
- 203 Predation performance and survival of susceptible and pyrethroid-resistant *Eriopsis connexa* Germar (Coleoptera: Coccinellidae) to insecticides used in brassica crops. ○
- 202 Boosting sleep slow waves suppresses dreaming. ○

- 201 The Influence of Climate Change on the Re-emergence of Malaria Using Artificial Intelligence. **2023**, 241-252 ○
- 200 An overall consistent increase of global aridity in 1970–2018. **2023**, 33, 449-463 ○
- 199 Hsc70-4 mediates internalization of environmental dsRNA at the surface of *Drosophila* S2 cells. ○
- 198 The effect of bottom electrode on structure and electrical properties of BaZr_{0.15}Ti_{0.85}O₃ films on SrTiO₃ substrates. **2023**, 34, ○
- 197 Differential translation of mRNA isoforms underlies oncogenic activation of cell cycle kinase Aurora A. ○
- 196 Systematic review of the effectiveness of innovative, gamified interventions for cognitive training in paediatric acquired brain injury. 1-32 ○
- 195 miRNAs and Their Target Genes Play a Critical Role in Response to Heat Stress in *Cynodon dactylon* (L.) Pers.. ○
- 194 Two-in-One Spider Silk Protein with Combined Mechanical Features in All-Aqueous Spun Fibers. **2023**, 24, 1744-1750 ○
- 193 New insights into APCVD grown monolayer MoS₂ using time-domain terahertz spectroscopy. **2023**, 13, ○
- 192 Biomimetic nanoparticles for DC vaccination: a versatile approach to boost cancer immunotherapy. **2023**, 15, 6432-6455 ○
- 191 Spin dependent molecular junction with graphene electrodes as a thermoelectric nanodevice. **2023**, 133, 104301 ○
- 190 Bamboo Act as a Phytoremediation Candidate for Heavy Metal Contaminated Soil: A Synthesis. **2023**, 125-161 ○
- 189 Vertical transmission of African-lineage Zika virus through the fetal membranes in a rhesus Macaque (*Macaca mulatta*) model. ○
- 188 Resistive random access memory: introduction to device mechanism, materials and application to neuromorphic computing. **2023**, 18, ○
- 187 An Overview of the Potential Usage of Bamboo Plants in Medical Field. **2023**, 55-66 ○
- 186 Effect of the Al/AlO_x interfacial stacking sequence on the transport properties of alumina tunnel junctions. **2023**, 25, 8871-8881 ○
- 185 Metabolic shift towards oxidative phosphorylation reduces cell-density-induced cancer-stem-cell-like characteristics in prostate cancer in vitro. **2023**, 12, ○
- 184 Dual-targeted poly(amino acid) nanoparticles deliver drug combinations on-site: an intracellular synergistic strategy to eliminate intracellular bacteria. **2023**, 11, 2958-2971 ○

- 183 Control of Andreev Bound States Using Superconducting Phase Texture. **2023**, 130,
- 182 Synergistic effect between graphene nanoplatelets and carbon black to improve the thermal and mechanical properties of natural rubber nanocomposites. **2022**, 61, 1578-1592
- 181 Fast approach for link prediction in complex networks based on graph decomposition.
- 180 Artificial intelligence-based optimization for chitosan nanoparticles biosynthesis, characterization and in-vitro assessment of its anti-biofilm potentiality. **2023**, 13,
- 179 Fullerene nanowhisker nanocomposite—current stance and high-tech opportunities. **2022**, 61, 1908-1923
- 178 Emission peak shifted incoherent random laser through the combined effects of coupling of surface plasmons in a triangular shaped silver nanostructure, microbubbles, and the waveguiding mechanism. **2023**, 40, 1039
- 177 Do all fungi have ancestors with endophytic lifestyles?.
- 176 Flexible Long-Reach Robotic Limbs Using Tape Springs for Mobility and Manipulation. **2023**, 15,
- 175 Phage cocktails —an emerging approach for the control of bacterial infection with major emphasis on foodborne pathogens. 1-29
- 174 Azilsartan suppresses the antiapoptotic biomarker and pro-inflammatory cytokines in rat model of cisplatin-induced retinal and optic nerve toxicity. **2023**, 42, 096032712311550
- 173 Non-Hermitian Control of Topological Scattering Singularities Emerging from Bound States in the Continuum. 2200308
- 172 Connecting Higher-Order Topology with the Orbital Hall Effect in Monolayers of Transition Metal Dichalcogenides. **2023**, 130,
- 171 Enhanced Bacterial Growth by Polyelemental Glycerolate Particles. **2023**, 6, 1515-1524
- 170 Advanced polymeric metal/metal oxide bionanocomposite using seaweed *Laurencia dendroidea* extract for antiprotozoal, anticancer, and photocatalytic applications. 11, e15004
- 169 Environment Enrichment Facilitates Long-Term Memory Consolidation through Behavioral Tagging. **2023**, 10, ENEURO.0365-22.2023
- 168 Controlling barrier height and spectral responsivity of p⁺n⁺ based GeSn photodetectors via arsenic incorporation. **2023**, 13, 9154-9167
- 167 Neurotrophic Factors in Cerebellar Development and Function. **2023**, 299-304
- 166 RNA sequencing-based exploration of the effects of far-red light on microRNAs involved in the shade-avoidance response of *D. officinale*. 11, e15001

- 165 Low loss sensitivity of the anapole mode in γ localized defective nanoparticles. **2023**, 62, 2952 ○
- 164 Nanomedicine-driven therapeutic interventions of autophagy and stem cells in the management of Alzheimer's disease. ○
- 163 Polyaniline-based 3D Network Structure Promotes Entrapment and Detection of Drug-Resistant Bacteria. ○
- 162 Emerging role of lipophagy in liver disorders. ○
- 161 Network-level analysis of ageing and its relationship with diseases and tissue regeneration in the mouse liver. **2023**, 13, ○
- 160 Correlation dimension in empirical networks. **2023**, 107, ○
- 159 Work Function: Fundamentals, Measurement, Calculation, Engineering, and Applications. **2023**, 19, 1
- 158 Raman based on-chip photonic quantizers for γ ADCs. **2023**, 40, 1076 ○
- 157 Fighting the flu: a brief review on anti-influenza agents. 1-52 ○
- 156 Nematicity-enhanced superconductivity in systems with a non-Fermi liquid behavior. **2023**, 35, 245605 ○
- 155 Predicting miRNA-disease associations based on PPMI and attention network. **2023**, 24, ○
- 154 Spatial distance explains the periphyton metacommunity structure of a neotropical stream network. **2023**, 850, 1869-1884 ○
- 153 Satureja khuzistanica Jamzad essential oil and pure carvacrol attenuate TBI-induced inflammation and apoptosis via NF- κ B and caspase-3 regulation in the male rat brain. **2023**, 13, ○
- 152 Synthesis, molecular docking and dynamics studies of pyridazino[4,5-b]quinoxalin-1(2H)-ones as targeting main protease of COVID-19. 1-13 ○
- 151 Comparative analysis of transferrin and IgG N-glycosylation in two human populations. **2023**, 6, ○
- 150 Tuning symmetry and magnetic blocking of an exchange-coupled lanthanide ion in isomeric, tetrametallic complexes: $[\text{LnCl}_6(\text{TiCp}_2)_3]$. ○
- 149 A Survey of Quantum Entanglement Routing Protocols and Challenges for Wide-Area Networks. 2200180 ○
- 148 An endocytic myosin essential for plasma membrane invagination powers motility against resistance. ○

- 147 A near real-time web-system for predicting fire spread across the Cerrado biome. **2023**, 13, ○
- 146 Tailored Topological Edge Waves via Chiral Hierarchical Metamaterials. **2023**, 19, ○
- 145 Nigral Transcriptomic Profiles in Engrailed-1 Hemizygous Mouse Models of Parkinson's Disease Reveal Upregulation of Oxidative Phosphorylation-Related Genes Associated with Resistance to Dopaminergic Neurodegeneration. ○
- 144 Stepping beyond your comfort zone: Diffusion-based network analytics for knowledge trajectory recommendation. ○
- 143 ANXA11 biomolecular condensates facilitate protein-lipid phase coupling on lysosomal membranes. ○
- 142 An MRI image automatic diagnosis model for lumbar disc herniation using semi-supervised learning. ○
- 141 Multiplex Immunofluorescence Image Quality Checking Using DAPI Channel-Referenced Evaluation. **2023**, 71, 121-130 ○
- 140 Atomistic molecular simulations of Aβ₂₅₋₃₅ conformational ensembles. ○
- 139 Trends in the Determination of Antimicrobial Resistance in Aquaculture and Fisheries. **2023**, 1-22 ○
- 138 ZrSe₂-HfSe₂ lateral heterostructures: stability, fundamental properties, and interline defects. **2023**, 129, ○
- 137 The complexity of micro-and nanoplastic research in the genus *Daphnia*: A systematic review of study variability and meta-analysis of immobilization rates. ○
- 136 Construction of ZnIn₂S₄/CdS/PdS S-Scheme Heterostructure for Efficient Photocatalytic H₂ Production. ○
- 135 Genetic diversity and signatures of selection in BoHuai goat revealed by whole-genome sequencing. **2023**, 24, ○
- 134 In silico designing of a novel polyvalent multi-subunit peptide vaccine leveraging cross-immunity against human visceral and cutaneous leishmaniasis: an immunoinformatics-based approach. **2023**, 29, ○
- 133 Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) causes seizure activity in larval zebrafish via antagonism of γ -aminobutyric acid type A receptor $\alpha 2\alpha$. **2023**, 97, 1355-1365 ○
- 132 A highly conserved and globally prevalent cryptic plasmid is among the most numerous mobile genetic elements in the human gut. ○
- 131 Mediation of gaseous emissions and improving plant productivity by DCD and DMPP nitrification inhibitors: Meta-analysis of last three decades. ○
- 130 Specialized metabolites from plants as a source of new multi-target antiviral drugs: a systematic review. ○

- 129 Bone marrow derived mesenchymal stem cells therapy for rheumatoid arthritis - a concise review of past ten years. ○
- 128 Compartmental models for the electrolytes exit age distribution with and without air flow in the electrochemical mixed flow reactor. **2023**, ○
- 127 Molecular Mechanisms in the Etiology of Polycystic Ovary Syndrome (PCOS): A Multifaceted Hypothesis Towards the Disease with Potential Therapeutics. ○
- 126 An overview of the recent progress in Middle East Respiratory Syndrome Coronavirus (MERS-CoV) drug discovery. **2023**, 18, 385-400 ○
- 125 Ameliorative effects of bilirubin on cell culture model of non-alcoholic fatty liver disease. ○
- 124 Magnetic frustration and fractionalization in oligo(indenoindenes). **2023**, 107, ○
- 123 Predicting the Na⁺ ion transport properties of NaSiCON materials using density functional theory and Kinetic Monte Carlo. ○
- 122 Application of machine learning in predicting non-alcoholic fatty liver disease using anthropometric and body composition indices. **2023**, 13, ○
- 121 Model organism life extending therapeutics modulate diverse nodes in the drug-gene-microbe tripartite human longevity interactome. 1-19 ○
- 120 Microbial Management of Fusarium Wilt in Banana: A Comprehensive Overview. **2023**, 413-435 ○
- 119 Systemic Analysis of the Spatiotemporal Changes in Multi-Species Electroactive Biofilms to Clarify the Gradual Decline of Current Generation in Microbial Anodes. ○
- 118 Advances in development of Pb-free piezoelectric materials for transducer applications. **2023**, 62, SJ0801 ○
- 117 Parameterized multi-observable sum uncertainty relations. **2023**, 138, ○
- 116 Probing the sublimation kinetics of Ag, Ag@TiO₂, and Ag@C nanoparticles. ○
- 115 Histamine Recognition by Carbon Dots from Plastic Waste and Development of Cellular Imaging: Experimental and Theoretical Studies. ○
- 114 Differential bumble bee gene expression associated with pathogen infection and pollen diet. **2023**, 24, ○
- 113 Photosensitive Field-Effect Transistor with Enhanced Photoamplification Mediated by Charge Transfer in a Heterostructure of HfCsPbI_3 Nanocrystals and Two-Dimensional . **2023**, 19, ○
- 112 Potential of Bacterial Cellulose for Sustainable Cities: A Review and Bibliometric Analysis on Bacterial Cellulose. **2023**, 329-357 ○

- 111 Continuous fish muscle cell line with capacity for myogenic and adipogenic-like phenotypes. **2023**, 13, ○
- 110 Metal Phosphates/Phosphonates for Supercapacitor Applications. **2023**, 245-266 ○
- 109 Development of SNP marker panels for genotyping by target sequencing (GBTS) and its application in soybean. **2023**, 43, ○
- 108 The *Escherichia coli* small heat shock protein IbpA plays a role in regulating the heat shock response by controlling the translation of B2. ○
- 107 Bioresource Polymer Composite for Energy Generation and Storage: Developments and Trends. ○
- 106 Solar Energy Applications. **2023**, 1-23 ○
- 105 The complete change in bile acids and steroids in systematic metabolomics applied to the intrahepatic cholestasis of pregnancy. ○
- 104 Enhancing memristor fundamentals through instrumental characterization and understanding reliability issues. ○
- 103 Plant cellulose synthase membrane protein isolation directly from *Pichia pastoris* protoplasts, liposome reconstitution, and its enzymatic characterization. ○
- 102 High-resolution vat-photopolymerization of personalized bioceramic implants: new advances, regulatory hurdles, and key recommendations. 1-23 ○
- 101 Possible role IFN- λ among RSV patients. **2023**, ○
- 100 Neural and behavioral signatures of the multidimensionality of manipulable object processing. ○
- 99 Surface morphological and elemental analysis of thermally evaporated Cu₂O: Ag thin films. **2023**, ○
- 98 Morphology and optical properties of Cu₂O-Doped CuO nano films prepared via thermal evaporation technique. **2023**, ○
- 97 The effect of rhizosphere soil of (*Eruca ativa* mill), on rooting and growth of stem cuttings. **2023**, ○
- 96 A novel small molecule, AS1, reverses the negative hedonic valence of noxious stimuli. **2023**, 21, ○
- 95 Glutathionylation on RNA-binding proteins: a regulator of liquid-liquid phase separation in the pathogenesis of amyotrophic lateral sclerosis. ○
- 94 Giant cross-Kerr nonlinearity in the metal nanoparticles-graphene nanodisks-quantum dots hybrid system with low light intensity for photovoltaic devices. **2023**, 129, ○

- 93 Ohmic Behavior in Metal Contacts to n/p-Type Transition-Metal Dichalcogenides: Schottky versus Tunneling Barrier Trade-off. **2023**, 6, 5737-5746 ○
- 92 Mutation Breeding Research in Sweet Pepper. **2023**, 599-644 ○
- 91 Non-thyroidal Illness Syndrome (NTIS) is no independent predictor for mortality in ICU patients. **2023**, 23, ○
- 90 Consistency between ordering and clustering methods for graphs. **2023**, 5, ○
- 89 Development of nanoparticle bulk morphology analysis: a multidomain XRD approach. ○
- 88 Modified Standardized Precipitation Evapotranspiration Index: spatiotemporal analysis of drought. **2023**, 14, ○
- 87 An overview of atmospheric water harvesting methods, the inevitable path of the future in water supply. **2023**, 13, 10273-10307 ○
- 86 Optical neuromodulation at all scales: from nanomaterials to wireless optoelectronics and integrated systems. ○
- 85 Control the electronic and optical properties of AlN nanosheet by the electric field. **2023**, 11, 100423 ○
- 84 StocSum: stochastic summary statistics for whole genome sequencing studies. ○
- 83 Interaction studies of Gut metabolite; Trimethylene amine Oxide with Bovine Serum Albumin through Spectroscopic, DFT and Molecular Docking Approach. ○
- 82 Inhibitory potency of the nettle lectin on neovascularization: a biomolecule for carbohydrate-mediated targeting of angiogenesis. ○
- 81 Expressional correlation of latex-regeneration genes with latex physiological parameters varies with population type and growth stage in Hevea tree. ○
- 80 MRI-Guided Focused Ultrasound Blood-Brain Barrier Opening Increases Drug Delivery and Efficacy in a Diffuse Midline Glioma Mouse Model. ○
- 79 Vagina reconstruction by decellularization of healthy human vaginal tissue. ○
- 78 More to legs than meets the eye: Presence and function of pheromone compounds on heliothine moth legs. ○
- 77 Deciphering the recent trends in pesticide bioremediation using genome editing and multi-omics approaches: a review. **2023**, 39, ○
- 76 Chicken Feather Waste Hydrolysate as a Potential Biofertilizer for Environmental Sustainability in Organic Agriculture Management. ○

- 75 Application of mesenchymal stem cell sheet for regeneration of craniomaxillofacial bone defects. **2023**, 14, ○
- 74 Genome-wide chromatin accessibility and gene expression profiling during flatfish metamorphosis. **2023**, 10, ○
- 73 Multimaterial 4D printing with a tunable bending model. **2023**, 32, 065001 ○
- 72 Free-Space Turbulence Resistance Transmission with Multiple Quasi-Ring Airy Vortex Beams under Limited Receiving Aperture. **2022**, ○
- 71 Photoinduced Interfacial Electron Transfer from Perovskite Quantum Dots to Molecular Acceptors for Solar Cells. ○
- 70 Exosomes: a potential diagnostic and treatment modality in the quest for counteracting cancer. ○
- 69 Application of Biomaterials in Cancer Research. **2023**, 245-289 ○
- 68 Zinc supplementation and light intensity affect 2-acetyl-1-pyrroline (2AP) formation in fragrant rice. **2023**, 23, ○
- 67 Early Cell Specification in Mammalian Fertilized and Somatic Cell Nuclear Transfer Embryos. **2023**, 59-81 ○
- 66 Stable Isotope Composition (C and N) of Vegetation in Subtropical Andes: Piedmont "Anomaly" and its Implications for Paleo (Ecology) and Human Diet Reconstruction. 1-14 ○
- 65 Metal sulfide-based nanomaterials for electrochemical CO₂ reduction. ○
- 64 FLIM imaging revealed spontaneous osteogenic differentiation of stem cells on gradient pore size tissue-engineered constructs. **2023**, 14, ○
- 63 Sound velocities of natural goethite across $\alpha\beta$ phase transformation under dynamic compression. **2023**, 133, 145902 ○
- 62 Single-shot isotropic differential interference contrast microscopy. **2023**, 14, ○
- 61 Selection in coral mitogenomes, with insights into adaptations in the deep sea. **2023**, 13, ○
- 60 Maturation-Dependent Changes in the Structure and Seeding Capacity of A β 2 Amyloid Fibrils. ○
- 59 Analysis of negative phototaxis in the pill bug (*Armadillidium vulgare*) using omnidirectional servosphere. ○
- 58 Effects of chirped barrier thickness on InGaN/GaN and InGaN/InGaN MQW LEDs. ○

- 57 Antifouling activity of superhydrophobic PDMS/hydrophobic silica coating. 1-14
- 56 β -Synuclein Structural Diversity and the Cellular Environment in β -Synuclein Transmission Models and Humans. **2023**, 20, 67-82
- 55 Gas response enhancement of nanocrystalline LaFeO₃ perovskite prepared using the microwave-assisted solution method. **2023**, 34,
- 54 Electrophysiology of interoception: Parietal posterior area supports social synchronization. 1-12
- 53 Reliability Improvement and Effective Switching Layer Model of Thin-Film MoS₂ Memristors.
- 52 Milk fat globule membrane supplementation protects against β -lactoglobulin-induced food allergy in mice via upregulation of regulatory T cells and enhancement of intestinal barrier in a microbiota-derived short-chain fatty acids manner. **2023**, 1-23
- 51 Yolk free egg substitute improves the serum phospholipid profile of mice with metabolic syndrome based on lipidomic analysis. **2023**, 1-20
- 50 Ferroelectric order in hybrid organic-inorganic perovskite NH₄PbI₃ with non-polar molecules and small tolerance factor. **2023**, 9,
- 49 Polydopamine Coated Molybdenum Disulfide Nanoflower as an Efficient Material for Synergistic Chemo-Photothermal Therapy.
- 48 Longitudinal Changes in Value-based Learning in Middle Childhood: Distinct Contributions of Hippocampus and Striatum.
- 47 A Comprehensive Meta-analysis to Identify the Responsive Genes in Sorghum Under Salinity and Drought Stresses (Sorghum bicolor).
- 46 Zn²⁺ is Essential for Ca²⁺ Oscillations in Mouse Eggs.
- 45 Quasi-seamless stitching for large-area micropatterned surfaces enabled by Fourier spectral analysis of moiré patterns. **2023**, 14,
- 44 Transdermal on-demand drug delivery based on an iontophoretic hollow microneedle array system.
- 43 Synthesis of Highly Stable LTO/rGO/SnO₂ Nanocomposite via In Situ Electrostatic Self-Assembly for High-performance Lithium-Ion Batteries.
- 42 Future of photovoltaic materials with emphasis on resource availability, economic geology, criticality, and market size/growth. 1-25
- 41 Low modulus Ti-rich biocompatible TiNbZrTaHf concentrated alloys with exceptional plasticity. **2023**, 11, 604-612
- 40 Evidence-based European recommendations for the dietary management of diabetes.

- 39 Non-enzymatic electrochemical sensor based on nanomaterials for detection of organophosphorus pesticide residues. ○
- 38 Developing Crop Varieties by Physiological Breeding for Improving Plant Nutrition. **2023**, 53-90 ○
- 37 Harnessing Root Associated Traits and Rhizosphere Efficiency for Crop Improvement. **2023**, 257-290 ○
- 36 MiRNA-93: a novel signature in human disorders and drug resistance. **2023**, 21, ○
- 35 Functionalized mesoporous SiO₂-CaO-Na₂O-P₂O₅ based nanometric glass-ceramic particles with enhanced dispersibility and bioactivity. ○
- 34 Organohalide respiration by aDesulforhopalus-dominated community. ○
- 33 Melt electrowritten scaffold architectures to mimic vasculature mechanics and control neo-tissue orientation. ○
- 32 The distribution, phenology, host range and pathogen prevalence of Ixodes ricinus in France: a systematic map and narrative review. ○
- 31 DFCV: a framework for evaluation deep learning in early detection and classification of lung cancer. ○
- 30 Characterization of iron, sulfur, and phosphorus diagenesis in muddy sediments of the South Yellow Sea using the diffusive gradients in thin films (DGT) technique. **2023**, 85, ○
- 29 A 2600-yr multiproxy record for climate and vegetation reconstruction along the Mahanadi River delta, east coast of India. 095968362311634 ○
- 28 Optimizing the synthesis of yeast Beta-glucan via response surface methodology for nanotechnology application. **2023**, 23, ○
- 27 Applications, materials, and fabrication of micro glass parts and devices: An overview. **2023**, ○
- 26 Exploring the potential of agricultural system change as an integrated adaptation strategy for water and food security in the Indus basin. ○
- 25 Bulk and surface properties of liquid Ag₄₀Cu, Ag₄₀Bb and Cu₄₀Bb alloys. **2023**, 97, ○
- 24 Effect of annealing temperature on the properties of electrodeposited Cu₂O on FTO glass substrate. **2023**, 46, ○
- 23 Flavonoids as emerging notch signaling pathway modulators in cancer. 1-13 ○
- 22 Enabling enhanced lithium storage capacity of two-dimensional pentagonal BN₂ by aluminum doping. ○

- 21 Induction of systemic resistance against cucumber mosaic virus (CMV) and tomato yellow leaf curl virus (TYLCV) in tomato. 1-14
- 20 Multipole resonances-mediated dual-band tunable circular dichroism via vanadium dioxide chiral metamaterials. 1-17
- 19 Towards reducing chemical usage for weed control in agriculture using UAS imagery analysis and computer vision techniques. **2023**, 13,
- 18 Reconfigurable Elastic Metamaterials: Engineering Dispersion with Beyond Nearest Neighbors. **2023**, 19,
- 17 Microwave mediated synthesis of layered MoS₂ nanostructures and its conversion to MoO₃ nanoparticles. **2023**, 153, 110737
- 16 Critical behavior and phase diagram of skyrmion-hosting material Co₃Fe₄Zn₈Mn₄ probed by anomalous Hall effect. **2023**, 170274
- 15 Whole-body photobiomodulation improves post-exercise recovery but does not affect performance or physiological response during maximal anaerobic cycling. **2023**, 38,
- 14 Recent progress in high-entropy metallic glasses. **2023**, 161, 50-62
- 13 Therapeutic vulnerabilities of cancer stem cells and effects of natural products.
- 12 Management of chocolate spot of Faba bean (*Botrytis fabae*) through fungicides and host resistance in North Shewa, Central Highland of Ethiopia.
- 11 Revealing the correlation between the bacterial communities and physicochemical properties of ZaoPoCu, a traditional fermented food from Hainan Island. **2023**, 21, 344-356
- 10 Fluorescent N-doped carbon quantum dots: A selective detection of Fe³⁺ and understanding its mechanism. **2023**, 825, 140574
- 9 Prediction of disease-related miRNAs by voting with multiple classifiers. **2023**, 24,
- 8 Integrative analysis of metabolome and transcriptome profiles to highlight aroma determinants in Aglianico and Falanghina grape berries. **2023**, 23,
- 7 Dynamic Biophysical Cues Near the Tip Cell Microenvironment Provide Distinct Guidance Signals to Angiogenic Neovessels.
- 6 Application of CRISPR-Cas System in the Treatment of Human Viral Disease. **2023**, 59, 02003
- 5 Biosensors, mechatronics, & microfluidics for early detection & monitoring of microbial corrosion: A comprehensive critical review. **2023**, 18, 100402
- 4 Effect of Multiwalled Carbon Nanotube Contents on Photophysical Properties of Poly-TPD/MWCNT Nanocomposites.

- 3 Broadband quantum memory in atomic ensembles. **2023**, ○
- 2 Synthesis and Application of Carbon Quantum Dots Derived from Carbon Black in Bioimaging. ○
- 1 Effects of benthic fish and light regimes on water quality and the growth of *Vallisneria natans* with two sediment types. ○