

# In situ immune response and mechanisms of cell damage in cases microcephaly by Zika virus

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A giant fossil Mimarachnidae planthopper from the mid-Cretaceous Burmese amber (Hemiptera, Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 7	0.6	25
2	The partial root-zone saline irrigation system and antioxidant responses in tomato plants. <i>Plant Physiology and Biochemistry</i> , 2018, 127, 366-379.	2.8	27
3	Identification of potential recruitment bottlenecks in larval stages of the giant fan mussel <i>Pinna nobilis</i> using specific quantitative PCR. <i>Hydrobiologia</i> , 2018, 818, 235-247.	1.0	6
4	Redefining environmental nanomaterial flows: consequences of the regulatory nanomaterial definition on the results of environmental exposure models. <i>Environmental Science: Nano</i> , 2018, 5, 1372-1385.	2.2	31
5	Fluorescently-tagged polyamines for the staining of siliceous materials. <i>Plant Physiology and Biochemistry</i> , 2018, 125, 205-211.	2.8	3
6	Advances in Meningeal Immunity. <i>Trends in Molecular Medicine</i> , 2018, 24, 542-559.	3.5	196
7	Optical trapping and manipulation of single particles in air: Principles, technical details, and applications. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 214, 94-119.	1.1	98
8	Carbon/CuO nanosphere-anchored g-C <sub>3</sub> N <sub>4</sub> nanosheets as ternary electrode material for supercapacitors. <i>Journal of Solid State Chemistry</i> , 2018, 262, 106-111.	1.4	73
9	Neurological syndromes driven by postinfectious processes or unrecognized persistent infections. <i>Current Opinion in Neurology</i> , 2018, 31, 318-324.	1.8	15
10	Engagement features judged by excessive drinkers as most important to include in smartphone applications for alcohol reduction: A mixed-methods study. <i>Digital Health</i> , 2018, 4, 205520761878584.	0.9	25
11	Automatic Liver Segmentation in CT Volumes with Improved 3D U-net. , 2018, , .		2
12	Modeling the quantitative nature of neurodevelopmental disorders using Collaborative Cross mice. <i>Molecular Autism</i> , 2018, 9, 63.	2.6	22
13	Sea-surface dimethylsulfide (DMS) concentration from satellite data at global and regional scales. <i>Biogeosciences</i> , 2018, 15, 3497-3519.	1.3	50
14	Highlighting Internet-Communication Disorder as Further Internet-Use Disorder When Considering Neuroimaging Studies. <i>Current Behavioral Neuroscience Reports</i> , 2018, 5, 295-301.	0.6	30
15	The effect of ELOVL6 fatty acid elongase inhibition on the expression of genes associated with the metastasis of breast cancer. <i>Russian Chemical Bulletin</i> , 2018, 67, 2307-2315.	0.4	2
16	Allosteric inhibition induces an open WPD-loop: a new avenue towards glioblastoma therapy. <i>RSC Advances</i> , 2018, 8, 40187-40197.	1.7	20
17	Cytokine-Mediated Tissue Injury in Non-human Primate Models of Viral Infections. <i>Frontiers in Immunology</i> , 2018, 9, 2862.	2.2	11
18	Development of a selective and highly sensitive fluorescence assay for nucleoside triphosphate diphosphohydrolase1 (NTPDase1, CD39). <i>Analyst, The</i> , 2018, 143, 5417-5430.	1.7	12

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19	In-memory direct processing based on nanoscale perpendicular magnetic tunnel junctions. <i>Nanoscale</i> , 2018, 10, 21225-21230.	2.8	22
20	Chitosan oligosaccharide lactate coated hydroxyapatite nanoparticles as a vehicle for the delivery of steroid drugs and the targeting of breast cancer cells. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6957-6968.	2.9	33
21	Optimization of Excitation and Detection Modes to Detect Ultra-Small Amounts of Semiconductor Quantum Dots Based on Cadmium Selenide. <i>Optics and Spectroscopy (English Translation of Optika i Tj ETQq0 0 0 BT /Overlock 10 T</i>	0.8	0
22	The 4.2â€‰kaâ€‰BP event in the Levant. <i>Climate of the Past</i> , 2018, 14, 1529-1542.	1.3	64
23	The worldâ€™s ten most feared fungi. <i>Fungal Diversity</i> , 2018, 93, 161-194.	4.7	85
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25	3D printing for chemical, pharmaceutical and biological applications. <i>Nature Reviews Chemistry</i> , 2018, 2, 422-436.	13.8	210
26	Human Fetal Astrocytes Infected with Zika Virus Exhibit Delayed Apoptosis and Resistance to Interferon: Implications for Persistence. <i>Viruses</i> , 2018, 10, 646.	1.5	47
27	Eye tracking technology in sports-related concussion: a systematic review and meta-analysis. <i>Physiological Measurement</i> , 2018, 39, 12TR01.	1.2	46
28	Determining minimal output sets that ensure structural identifiability. <i>PLoS ONE</i> , 2018, 13, e0207334.	1.1	11
29	Characterization of <i>Bacillus thuringiensis</i> isolates by their insecticidal activity and their production of Cry and Vip3 proteins. <i>PLoS ONE</i> , 2018, 13, e0206813.	1.1	21
30	Upconversion of low-energy photons in semiconductor nanostructures for solar energy harvesting. <i>MRS Energy &amp; Sustainability</i> , 2018, 5, 1.	1.3	16
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35	A lethal fungal pathogen directly alters tight junction proteins in the skin of a susceptible amphibian. <i>Journal of Experimental Biology</i> , 2018, 222, .	0.8	6
36	Neural Correlates Associated With Novices Correcting Errors in Electricity and Mechanics. <i>Mind, Brain, and Education</i> , 2018, 12, 120-139.	0.9	7

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37	Effects of CT FOV displacement and acquisition parameters variation on texture analysis features. <i>Physics in Medicine and Biology</i> , 2018, 63, 235021.	1.6	5
38	A discontinuous Galerkin model for fluorescence loss in photobleaching of intracellular polyglutamine protein aggregates. <i>BMC Biophysics</i> , 2018, 11, 7.	4.4	1
39	Zika Virus Epidemic in Brazil. II. Post-Mortem Analyses of Neonates with Microcephaly, Stillbirths, and Miscarriage. <i>Journal of Clinical Medicine</i> , 2018, 7, 496.	1.0	23
40	Spin properties of NV centers in high-pressure, high-temperature grown diamond. <i>Journal of Physics Communications</i> , 2018, 2, 115003.	0.5	26
41	How pupil responses track value-based decision-making during and after reinforcement learning. <i>PLoS Computational Biology</i> , 2018, 14, e1006632.	1.5	55
42	Methyl benzoate exhibits insecticidal and repellent activities against <i>Bemisia tabaci</i> (Gennadius) (Hemiptera: Aleyrodidae). <i>PLoS ONE</i> , 2018, 13, e0208552.	1.1	26
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47	Synthesis of copper-loaded activated carbon for enhancing the photocatalytic removal of methylene blue. <i>Journal of Molecular Liquids</i> , 2018, 272, 353-360.	2.3	6
48	Graphene aerogel based room temperature chemiresistive detection of hydrogen peroxide: A key explosive ingredient. <i>Sensors and Actuators A: Physical</i> , 2018, 282, 97-113.	2.0	9
49	Structure-activity relationships of pyrazole-4-carbodithioates as antibacterials against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3526-3528.	1.0	10
50	Nano-targeted relaxin impairs fibrosis and tumor growth in pancreatic cancer and improves the efficacy of gemcitabine in vivo. <i>Journal of Controlled Release</i> , 2018, 290, 1-10.	4.8	88
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52	Feedback of action outcome retrospectively influences sense of agency in a continuous action task. <i>PLoS ONE</i> , 2018, 13, e0202690.	1.1	6
53	Injectable long-acting human immunodeficiency virus antiretroviral prodrugs with improved pharmacokinetic profiles. <i>International Journal of Pharmaceutics</i> , 2018, 552, 371-377.	2.6	7
54	Sustained Release from Ionic-Gradient Liposomes Significantly Decreases ETIDOCAINE Cytotoxicity. <i>Pharmaceutical Research</i> , 2018, 35, 229.	1.7	8

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58	Estrogen alpha receptor antagonists for the treatment of breast cancer: a review. <i>Chemistry Central Journal</i> , 2018, 12, 107.	2.6	68
59	Single-Cell Mobility Analysis of Metastatic Breast Cancer Cells. <i>Advanced Science</i> , 2018, 5, 1801158.	5.6	17
60	Variation in the Current Shear Front and Its Potential Effect on Sediment Transport Over the Inner Shelf of the East China Sea in Winter. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 8264-8283.	1.0	18
61	Effects of Water Column Mixing and Stratification on Planktonic Primary Production and Dinitrogen Fixation on a Northern Red Sea Coral Reef. <i>Frontiers in Microbiology</i> , 2018, 9, 2351.	1.5	15
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63	Modulation of gene expression in rat muscle cells following treatment with nanoceria in different gravity regimes. <i>Nanomedicine</i> , 2018, 13, 2821-2833.	1.7	14
64	Impaired myogenic development, differentiation and function in hESC-derived SMA myoblasts and myotubes. <i>PLoS ONE</i> , 2018, 13, e0205589.	1.1	16
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67	Regulation of epithelial migration by epithelial cell adhesion molecule requires its Claudin-7 interaction domain. <i>PLoS ONE</i> , 2018, 13, e0204957.	1.1	14
68	Transcriptome analysis of extended-spectrum $\beta$ -lactamase-producing <i>Escherichia coli</i> and methicillin-resistant <i>Staphylococcus aureus</i> exposed to cefotaxime. <i>Scientific Reports</i> , 2018, 8, 16076.	1.6	12
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71	Plasmonic nano-arrays for ultrasensitive bio-sensing. <i>Nanophotonics</i> , 2018, 7, 1517-1531.	2.9	68
72	Twisted domain walls and skyrmions in perpendicularly magnetized multilayers. <i>Physical Review B</i> , 2018, 98, .	1.1	43

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73	Effect of different water application rates and nitrogen fertilisation on growth and essential oil of clove basil ( <i>Ocimum gratissimum</i> L.). <i>Industrial Crops and Products</i> , 2018, 125, 186-197.	2.5	28
74	Study on healing technique for weak interlayer and related mechanical properties based on microbially-induced calcium carbonate precipitation. <i>PLoS ONE</i> , 2018, 13, e0203834.	1.1	8
75	Advances and Future Perspectives in 4D Bioprinting. <i>Biotechnology Journal</i> , 2018, 13, e1800148.	1.8	168
76	Fracture Properties of Graphene-Coated Silicon for Photovoltaics. <i>Advanced Theory and Simulations</i> , 2018, 1, 1800097.	1.3	11
77	Research on photonic generation of quadrupling triangular-shaped waveform using external modulation. <i>Optical Fiber Technology</i> , 2018, 45, 352-358.	1.4	7
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79	Temperature dependence of piezo- and ferroelectricity in ultrathin P(VDF-TrFE) films. <i>RSC Advances</i> , 2018, 8, 29164-29171.	1.7	7
80	The utility and application of electrophysiological methods in the study of visual hallucinations. <i>Clinical Neurophysiology</i> , 2018, 129, 2361-2371.	0.7	11
81	Biokinetics of microbial consortia using biogenic sulfur as a novel electron donor for sustainable denitrification. <i>Bioresource Technology</i> , 2018, 270, 359-367.	4.8	63
82	Effect of activated carbon on microbial-induced calcium carbonate precipitation of sand. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	15
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86	Virtual reality perspective-taking increases cognitive empathy for specific others. <i>PLoS ONE</i> , 2018, 13, e0202442.	1.1	133
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91	Boat noise in an estuarine soundscape – A potential risk on the acoustic communication and reproduction of soniferous fish in the May River, South Carolina. <i>Marine Pollution Bulletin</i> , 2018, 133, 246-260.	2.3	27
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96	Microwave-assisted synthesis of Ru and Ce doped tungsten oxide for supercapacitor electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 13794-13802.	1.1	13
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98	<i>Actinoplanes deserti</i> sp. nov., isolated from a desert soil sample. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 2303-2310.	0.7	8
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100	Metabolic mechanisms underpinning vegetative bud dormancy release and shoot development in sweet cherry. <i>Environmental and Experimental Botany</i> , 2018, 155, 1-11.	2.0	34
101	Preparation and characterization of biocomposite packaging film from poly(lactic acid) and acylated microcrystalline cellulose using rice bran oil. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1090-1102.	3.6	64
102	Comparison of video-based and sensor-based head impact exposure. <i>PLoS ONE</i> , 2018, 13, e0199238.	1.1	56
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105	Mapping bifurcation structure and parameter dependence in quantum dot spin-VCSELs. <i>Optics Express</i> , 2018, 26, 14636.	1.7	19
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110	Functional changes in reef systems in warmer seas: Asymmetrical effects of altered grazing by a widespread crustacean mesograzer. <i>Science of the Total Environment</i> , 2018, 644, 976-981.	3.9	5
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112	MM-PBSA and per-residue decomposition energy studies on 7-Phenyl-imidazoquinolin-4(5H)-one derivatives: Identification of crucial site points at microsomal prostaglandin E synthase-1 (mPGES-1) active site. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 352-359.	3.6	29
113	Comparative analysis of humoral immune responses and pathologies of BALB/c and C57BL/6 wildtype mice experimentally infected with a highly virulent <i>Rodentibacter pneumotropicus</i> (Pasteurella) Tj ETQq0 0 0 rgBT /Overlock 50 Tf 50 57	0.0	0
114	Fabrication of Zr-doped TiO <sub>2</sub> /chitosan composite catalysts with enhanced visible-light-mediated photoactivity for the degradation of Orange II dye. <i>Water Science and Technology</i> , 2018, 78, 487-495.	1.2	10
115	A Novel Morphological Marker for the Analysis of Molecular Activities at the Single-cell Level. <i>Cell Structure and Function</i> , 2018, 43, 129-140.	0.5	11
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117	High performance hybrid supercapacitors with LiNi <sub>1/3</sub> Mn <sub>1/3</sub> Co <sub>1/3</sub> O <sub>2</sub> /activated carbon cathode and activated carbon anode. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 15365-15369.	3.8	12
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122	Correlation between Apoptosis and in Situ Immune Response in Fatal Cases of Microcephaly Caused by Zika Virus. <i>American Journal of Pathology</i> , 2018, 188, 2644-2652.	1.9	32
123	Mechanisms of dissolved and labile particulate iron supply to shelf waters and phytoplankton blooms off South Georgia, Southern Ocean. <i>Biogeosciences</i> , 2018, 15, 4973-4993.	1.3	32
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128	Genotype-specific response of winter wheat ( <i>Triticum aestivum</i> L.) to irrigation and inoculation with ACC deaminase bacteria. <i>Rhizosphere</i> , 2018, 8, 1-7.	1.4	13
129	Reduced graphene oxide nanosheet modified NiMn-LDH nanoflake arrays for high-performance supercapacitors. <i>Chemical Communications</i> , 2018, 54, 10172-10175.	2.2	46
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138	Effect of treated wastewater irrigation in East Central region of Tunisia (Monastir governorate) on the biochemical and transcriptomic response of earthworms <i>Eisenia andrei</i> . <i>Science of the Total Environment</i> , 2019, 647, 1245-1255.	3.9	22
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143	A water-resilient carbon nanotube based strain sensor for monitoring structural integrity. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19996-20005.	5.2	36
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#	ARTICLE	IF	CITATIONS
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146	Hantavirus host assemblages and human disease in the Atlantic Forest. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007655.	1.3	15
147	Toward predicting the evolution of lung tumors during radiotherapy observed on a longitudinal MR imaging study via a deep learning algorithm. <i>Medical Physics</i> , 2019, 46, 4699-4707.	1.6	34
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#	ARTICLE	IF	CITATIONS
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1846	Usage of stem cells in oral and maxillofacial region. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2021, 122, 441-452.	0.5	3
1847	Intraspecific plasticity and trans-generational adaptation of reproductive traits and early development in a temperate marine neogastropod. <i>Marine Environmental Research</i> , 2020, 161, 105123.	1.1	3
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1849	Study in circular auxetic structures for efficiency enhancement in piezoelectric vibration energy harvesting. <i>Scientific Reports</i> , 2020, 10, 16338.	1.6	51
1850	Quantification of clinically applicable stimulation parameters for precision near-organ neuromodulation of human splenic nerves. <i>Communications Biology</i> , 2020, 3, 577.	2.0	14
1851	Risk Factors for Sarcopenia in the Elderly with Type 2 Diabetes Mellitus and the Effect of Metformin. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-10.	1.0	36
1852	Phenolic Compounds Promote Diversity of Gut Microbiota and Maintain Colonic Health. <i>Digestive Diseases and Sciences</i> , 2021, 66, 3270-3289.	1.1	22
1853	Mapping of soil sensitivity to water erosion by RUSLE model: case of the Inaouene watershed (Northeast Morocco). <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	20
1854	Amphitropical variation of the algal partners of <i>Pseudephebe</i> (Parmeliaceae, lichenized fungi). <i>Symbiosis</i> , 2020, 82, 35-48.	1.2	9
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1856	Automatic classification of scanned electronic health record documents. <i>International Journal of Medical Informatics</i> , 2020, 144, 104302.	1.6	27
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1858	Microtechnology-based methods for organoid models. <i>Microsystems and Nanoengineering</i> , 2020, 6, 76.	3.4	145
1859	Increased RNA editing in maternal immune activation model of neurodevelopmental disease. <i>Nature Communications</i> , 2020, 11, 5236.	5.8	24
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1864	Anti-cancer potential of persimmon ( <i>Diospyros kaki</i> ) leaves via the PDGFR-Rac-JNK pathway. <i>Scientific Reports</i> , 2020, 10, 18119.	1.6	10
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1868	Current Knowledge on Snake Dry Bites. <i>Toxins</i> , 2020, 12, 668.	1.5	34
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1871	Insights into the mechanism of <i>Arnebia euchroma</i> on leukemia via network pharmacology approach. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 322.	1.2	8
1872	$\beta$ T Cells in Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1273, 91-104.	0.8	12
1873	Residual Stress Modeling with Phase Transformation for Wire Arc Additive Manufacturing of B91 Steel. <i>Jom</i> , 2020, 72, 4178-4186.	0.9	12
1874	Powder based additive manufacturing for biomedical application of titanium and its alloys: a review. <i>Biomedical Engineering Letters</i> , 2020, 10, 505-516.	2.1	61
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1877	Changes in the drought sensitivity of US maize yields. <i>Nature Food</i> , 2020, 1, 729-735.	6.2	68
1878	Decoding glycans: deciphering the sugary secrets to be coherent on the implication. <i>RSC Advances</i> , 2020, 10, 34099-34113.	1.7	4
1879	Recruitment Disruption and the Role of Unaffected Populations for Potential Recovery After the <i>Pinna nobilis</i> Mass Mortality Event. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	27
1880	Composition, dispersion, and health risks of bioaerosols in wastewater treatment plants: A review. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 15, 1.	3.3	47

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1882	Frequency-dependent organization of the brain's functional network through delayed-interactions. <i>Neural Networks</i> , 2020, 132, 155-165.	3.3	16
1883	Thrombosis: Current knowledge based on metabolomics by nuclear magnetic resonance (NMR) spectroscopy and mass spectrometry (MS). <i>Thrombosis Update</i> , 2020, 1, 100011.	0.4	8
1884	Speleothems of South American and Asian Monsoons Influenced by a Green Sahara. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089695.	1.5	16
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1887	A transient enhancement of Mercury's exosphere at extremely high altitudes inferred from pickup ions. <i>Nature Communications</i> , 2020, 11, 4350.	5.8	14
1888	Extracting backbones in weighted modular complex networks. <i>Scientific Reports</i> , 2020, 10, 15539.	1.6	14
1889	Bacillus licheniformis strain POT1 mediated polyphenol biosynthetic pathways genes activation and systemic resistance in potato plants against Alfalfa mosaic virus. <i>Scientific Reports</i> , 2020, 10, 16120.	1.6	42
1890	Enhanced LTP of population spikes in the dentate gyrus of mice haploinsufficient for neurobeachin. <i>Scientific Reports</i> , 2020, 10, 16058.	1.6	13
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1892	Investigating the efficacy of the reminder-extinction procedure to disrupt contextual threat memories in humans using immersive Virtual Reality. <i>Scientific Reports</i> , 2020, 10, 16991.	1.6	5
1893	Design of intrinsically stretchable and highly conductive polymers for fully stretchable electrochromic devices. <i>Scientific Reports</i> , 2020, 10, 16488.	1.6	25
1894	Subspecies-specific sequence detection for differentiation of Mycobacterium abscessus complex. <i>Scientific Reports</i> , 2020, 10, 16415.	1.6	17
1895	Fruit host-dependent fungal communities in the microbiome of wild Queensland fruit fly larvae. <i>Scientific Reports</i> , 2020, 10, 16550.	1.6	7
1896	Aqueous ionic effect on electrochemical breakdown of Si-dielectric-electrolyte interface. <i>Scientific Reports</i> , 2020, 10, 16795.	1.6	4
1897	A multilevel analysis of financial institutions' systemic exposure from local and system-wide information. <i>Scientific Reports</i> , 2020, 10, 17657.	1.6	0
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#	ARTICLE	IF	CITATIONS
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1900	An exact analysis of unsteady MHD free convection flow of some nanofluids with ramped wall velocity and ramped wall temperature accounting heat radiation and injection/consumption. <i>Scientific Reports</i> , 2020, 10, 17830.	1.6	22
1901	The fast-acting "pulse" of Heinrich Stadial 3 in a mid-latitude boreal ecosystem. <i>Scientific Reports</i> , 2020, 10, 18031.	1.6	7
1902	A proof-of-principal study using phase-contrast imaging for the detection of large airway pathologies after lung transplantation. <i>Scientific Reports</i> , 2020, 10, 18444.	1.6	1
1903	Asymptomatic Plasmodium falciparum malaria prevalence among adolescents and adults in Malawi, 2015–2016. <i>Scientific Reports</i> , 2020, 10, 18740.	1.6	15
1904	A causal role for the cerebellum in semantic integration: a transcranial magnetic stimulation study. <i>Scientific Reports</i> , 2020, 10, 18139.	1.6	27
1905	Assessing the susceptibility of schools to flood events in Iran. <i>Scientific Reports</i> , 2020, 10, 18114.	1.6	17
1906	Drivers of tropical soil invertebrate community composition and richness across tropical secondary forests using DNA metabasystematics. <i>Scientific Reports</i> , 2020, 10, 18429.	1.6	5
1907	Nanofibrous asymmetric collagen/curcumin membrane containing aspirin-loaded PLGA nanoparticles for guided bone regeneration. <i>Scientific Reports</i> , 2020, 10, 18200.	1.6	85
1908	Genetic characterization of striped snakehead ( <i>Channa striata</i> Bloch, 1793) from Arut River, Central Kalimantan inferred from COI mitochondrial gene. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	1
1909	Chemical composition, nutritional profile and <i>in vivo</i> antioxidant properties of the cultivated mushroom <i>Coprinus comatus</i> . <i>Royal Society Open Science</i> , 2020, 7, 200900.	1.1	18
1910	A climate adaptation strategy for Mai Po Inner Deep Bay Ramsar site: Steppingstone to climate proofing the East Asian-Australasian Flyway. <i>PLoS ONE</i> , 2020, 15, e0239945.	1.1	9
1911	The thermodynamic brain and the evolution of intellect: the role of mental energy. <i>Cognitive Neurodynamics</i> , 2020, 14, 743-756.	2.3	15
1912	A histone H2A-derived antimicrobial peptide, Hipposin from mangrove whip ray, <i>Himantura walga</i> : Molecular and functional characterisation. <i>3 Biotech</i> , 2020, 10, 467.	1.1	14
1913	Can a metabolism-targeted therapeutic intervention successfully subjugate SARS-COV-2? A scientific rationale. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110694.	2.5	13
1914	Influence of cavity geometry towards plasmonic gap tolerance and respective near-field in nanoparticle-on-mirror. <i>Current Applied Physics</i> , 2020, 20, 1335-1341.	1.1	6
1915	Enabling intensification of multiphase chemical processes with additive manufacturing. <i>Advances in Colloid and Interface Science</i> , 2020, 285, 102294.	7.0	4
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1918	The role of SiN/GaN cap interface charge and GaN cap layer to achieve enhancement mode GaN MIS-HEMT operation. <i>Microelectronics Reliability</i> , 2020, 115, 113965.	0.9	3
1919	The critical roles of lncRNAs in the pathogenesis of melanoma. <i>Experimental and Molecular Pathology</i> , 2020, 117, 104558.	0.9	25
1920	Shortwave-infrared meso-patterned imaging enables label-free mapping of tissue water and lipid content. <i>Nature Communications</i> , 2020, 11, 5355.	5.8	31
1921	Differential expression of miRNAs in skeletal muscles of Indian sheep with diverse carcass and muscle traits. <i>Scientific Reports</i> , 2020, 10, 16332.	1.6	9
1922	Light-assisted electrospinning monitoring for soft polymeric nanofibers. <i>Scientific Reports</i> , 2020, 10, 16341.	1.6	6
1923	A metasurface composed of 3-bit coding linear polarization conversion elements and its application to RCS reduction of patch antenna. <i>Scientific Reports</i> , 2020, 10, 17843.	1.6	9
1924	Unveiling the enhanced photoelectrochemical and photocatalytic properties of reduced graphene oxide for photodegradation of methylene blue dye. <i>RSC Advances</i> , 2020, 10, 37905-37915.	1.7	34
1925	Investigating the mechanism of recognition and structural dynamics of nucleoprotein-RNA complex from <i>Peste des petits ruminants virus</i> via Gaussian accelerated molecular dynamics simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 2302-2315.	2.0	22
1926	Novel Electrode Designs for Neurostimulation in Regenerative Medicine: Activation of Stem Cells. <i>Bioelectricity</i> , 2020, 2, 348-361.	0.6	11
1927	Pre- and early postnatal enriched environmental experiences prevent neonatal hypoxia-ischemia late neurodegeneration via metabolic and neuroplastic mechanisms. <i>Journal of Neurochemistry</i> , 2021, 157, 1911-1929.	2.1	4
1928	Biogenic green synthesis of MgO nanoparticles using <i>Saussurea costus</i> biomasses for a comprehensive detection of their antimicrobial, cytotoxicity against MCF-7 breast cancer cells and photocatalysis potentials. <i>PLoS ONE</i> , 2020, 15, e0237567.	1.1	76
1929	Hibernating bear serum hinders osteoclastogenesis in-vitro. <i>PLoS ONE</i> , 2020, 15, e0238132.	1.1	5
1930	Immune and sex-biased gene expression in the threatened Mojave desert tortoise, <i>Gopherus agassizii</i> . <i>PLoS ONE</i> , 2020, 15, e0238202.	1.1	2
1931	Cells, Materials, and Fabrication Processes for Cardiac Tissue Engineering. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 955.	2.0	32
1932	Immediate Attention Enhancement and Restoration From Interactive and Immersive Technologies: A Scoping Review. <i>Frontiers in Psychology</i> , 2020, 11, 2050.	1.1	12
1933	Intracontinental uplift of the Brazilian Central Plateau linked to continental breakup, orogenies, and basin filling, supported by apatite and zircon fission-track data. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	8
1934	Ollivier Ricci curvature of directed hypergraphs. <i>Scientific Reports</i> , 2020, 10, 12466.	1.6	11

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1935	Structural properties and thermal stability of multi-walled black phosphorene nanotubes and their operation as temperature driven nanorotors. <i>Nanoscale</i> , 2020, 12, 18313-18321.	2.8	6
1936	Genomic Characteristics and Selection Signatures in Indigenous Chongming White Goat ( <i>Capra</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 11	1.1	7
1937	Synergies between the Developmental Origins of Health and Disease framework and multiple branches of evolutionary anthropology. <i>Evolutionary Anthropology</i> , 2020, 29, 214-219.	1.7	7
1938	Implications of immune-mediated metastatic growth on metastatic dormancy, blow-up, early detection, and treatment. <i>Journal of Mathematical Biology</i> , 2020, 81, 799-843.	0.8	5
1939	Apparent recruitment failure for the vast majority of coral species at Eilat, Red Sea. <i>Coral Reefs</i> , 2020, 39, 1715-1726.	0.9	13
1940	Novel quantum image compression and encryption algorithm based on DQWT and 3D hyper-chaotic Henon map. <i>Quantum Information Processing</i> , 2020, 19, 1.	1.0	50
1941	Recovery of scandium and neodymium from blast furnace slag using acid bakingâ€“water leaching. <i>RSC Advances</i> , 2020, 10, 31936-31946.	1.7	14
1942	An in vitro $\hat{\pm}$ -neurotoxinâ€™nAChR binding assay correlates with lethality and in vivo neutralization of a large number of elapid neurotoxic snake venoms from four continents. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008581.	1.3	8
1943	Large-Scale Analysis Reveals Gene Signature for Survival Prediction in Primary Glioblastoma. <i>Molecular Neurobiology</i> , 2020, 57, 5235-5246.	1.9	14
1944	Analysis of circulating-microRNA expression in lactating Holstein cows under summer heat stress. <i>PLoS ONE</i> , 2020, 15, e0231125.	1.1	14
1945	Sure Event Problem in Multicomponent Dynamical Systems with Attractive Interaction. <i>Journal of Mathematical Sciences</i> , 2020, 249, 629-646.	0.1	3
1946	Cartilage repair using stem cells & biomaterials: advancement from bench to bedside. <i>Molecular Biology Reports</i> , 2020, 47, 8007-8021.	1.0	2
1947	New insights on improved growth and biogas production potential of <i>Chlorella pyrenoidosa</i> through intermittent iron oxide nanoparticle supplementation. <i>Scientific Reports</i> , 2020, 10, 14119.	1.6	29
1948	Fabrication of Uniform Phase Structures in the Bulk of a N-BK7 Glass Using Ultrashort Laser Pulses. <i>Journal of Contemporary Physics</i> , 2020, 55, 191-198.	0.1	0
1949	Flood susceptibility modeling in Teesta River basin, Bangladesh using novel ensembles of bagging algorithms. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 2277-2300.	1.9	116
1950	Identification of proteins involved in transcription/translation (eEF 1A1) as an inhibitor of Bax induced apoptosis. <i>Molecular Biology Reports</i> , 2020, 47, 6785-6792.	1.0	3
1951	Is Domain Knowledge Necessary for Machine Learning Materials Properties?. <i>Integrating Materials and Manufacturing Innovation</i> , 2020, 9, 221-227.	1.2	34
1952	A Net Energy Analysis of the Global Agriculture, Aquaculture, Fishing and Forestry System. <i>Biophysical Economics and Sustainability</i> , 2020, 5, 1.	0.7	8



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1954	Effects of short-time exposure of surface pre-reacted glass-ionomer eluate on dental microcosm biofilm. <i>Scientific Reports</i> , 2020, 10, 14425.	1.6	6
1955	Deeply understanding the Zn anode behaviour and corresponding improvement strategies in different aqueous Zn-based batteries. <i>Energy and Environmental Science</i> , 2020, 13, 3917-3949.	15.6	480
1956	Behavior Rating Inventory of Executive Function " adult version (BRIEF-A) in Iranian University students: Factor structure and relationship to depressive symptom severity. <i>Applied Neuropsychology Adult</i> , 2022, 29, 786-792.	0.7	3
1957	Household margin insurance of agricultural sector in Indonesia using a farmer exchange rate index. <i>Agricultural Finance Review</i> , 2020, 81, 169-188.	0.7	1
1958	Modeling of paclitaxel biosynthesis elicitation in <i>Corylus avellana</i> cell culture using adaptive neuro-fuzzy inference system-genetic algorithm (ANFIS-GA) and multiple regression methods. <i>PLoS ONE</i> , 2020, 15, e0237478.	1.1	32
1959	Variation in Seagrass Carbon Stocks Between Tropical Estuarine and Marine Mangrove-Fringed Creeks. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	10
1960	Structural, magnetic, optical and photocatalytic properties of GaFeO <sub>3</sub> nanoparticles synthesized via non-aqueous solvent-based sol-gel route. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 17633-17646.	1.1	15
1961	ADRM: anticancer drug response prediction using manifold learning. <i>Scientific Reports</i> , 2020, 10, 14245.	1.6	3
1962	Bioconversion of methane to cadaverine and lysine using an engineered type II methanotroph, <i>Methylosinus trichosporium</i> OB3b. <i>Green Chemistry</i> , 2020, 22, 7803-7811.	4.6	31
1963	Orthogeriatric Trauma Unit Improves Patient Outcomes in Geriatric Hip Fracture Patients. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2020, 11, 215145932094947.	0.6	10
1964	Higher-order patterns of aquatic species spread through the global shipping network. <i>PLoS ONE</i> , 2020, 15, e0220353.	1.1	27
1965	Comparative transcriptome analysis uncovers different heat stress responses in heat-resistant and heat-sensitive jujube cultivars. <i>PLoS ONE</i> , 2020, 15, e0235763.	1.1	22
1966	Meconium microbiome and its relation to neonatal growth and head circumference catch-up in preterm infants. <i>PLoS ONE</i> , 2020, 15, e0238632.	1.1	13
1967	Phylogenetic diversity of the lichenized algal genus <i>Trebouxia</i> (Trebouxiophyceae, Chlorophyta): a new lineage and novel insights from fungal-algal association patterns of Icelandic cetrarioid lichens (Parmeliaceae, Ascomycota). <i>Botanical Journal of the Linnean Society</i> , 2020, 194, 460-468.	0.8	17
1968	Kinetic Monte Carlo model for the COVID-19 epidemic: Impact of mobility restriction on a COVID-19 outbreak. <i>Physical Review E</i> , 2020, 102, 032133.	0.8	15
1969	Corneal Neurotization and Novel Medical Therapies for Neurotrophic Keratopathy. <i>Current Ophthalmology Reports</i> , 2020, 8, 252-266.	0.5	4
1970	Habitual sleep is associated with both source memory and hippocampal subfield volume during early childhood. <i>Scientific Reports</i> , 2020, 10, 15304.	1.6	17



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1972	Impact of thermal processing on the nutrients, phytochemicals, and metal contaminants in edible algae. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 508-526.	5.4	27
1973	Predation and reproduction of the generalist predator <i>Nabis pseudoferus</i> preying on <i>Tuta absoluta</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2020, 168, 732-741.	0.7	6
1974	Titanium dioxide nanoparticle genotoxicity: A review of recent <i>in vivo</i> and <i>in vitro</i> studies. <i>Toxicology and Industrial Health</i> , 2020, 36, 514-530.	0.6	36
1975	Visual Attention Patterns Differ in Dog vs. Cat Interactions With Children With Typical Development or Autism Spectrum Disorders. <i>Frontiers in Psychology</i> , 2020, 11, 2047.	1.1	10
1976	Recent Advances in Metalâ€“Catalyzed Carbonylation Reactions by Using Formic Acid as CO Surrogate. <i>ChemistrySelect</i> , 2020, 5, 11272-11290.	0.7	31
1977	Tracking historical changes in perceived trustworthiness in Western Europe using machine learning analyses of facial cues in paintings. <i>Nature Communications</i> , 2020, 11, 4728.	5.8	15
1978	Direct-write orientation of charge-transfer liquid crystals enables polarization-based coding and encryption. <i>Scientific Reports</i> , 2020, 10, 15352.	1.6	6
1979	Emergence of complex structures from nonlinear interactions and noise in coevolving networks. <i>Scientific Reports</i> , 2020, 10, 15660.	1.6	11
1980	Multi-combined 3D-QSAR, docking molecular and ADMET prediction of 5-azaindazole derivatives as LRRK2 tyrosine kinase inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 1285-1298.	2.0	13
1981	Isoniazid resistance profile and associated levofloxacin and pyrazinamide resistance in rifampicin resistant and sensitive isolates from pulmonary and extrapulmonary tuberculosis patients in Pakistan: A laboratory based surveillance study 2015-19. <i>PLoS ONE</i> , 2020, 15, e0239328.	1.1	2
1982	Fluorineâ€“Free Superhydrophobic Coatings: Rapid Fabrication and Highly Efficient Oil/Water Separation. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000400.	1.7	5
1983	Additive manufacturing of metamaterials: A review. <i>Additive Manufacturing</i> , 2020, 36, 101562.	1.7	125
1984	Intraneural ultramicroelectrode arrays for function-specific interfacing to the vagus nerve. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112608.	5.3	10
1985	Electrically conducting polymers for bio-interfacing electronics: From neural and cardiac interfaces to bone and artificial tissue biomaterials. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112620.	5.3	57
1986	<i>Spartina alterniflora</i> invasion alters soil microbial metabolism in coastal wetland of China. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 245, 106982.	0.9	11
1987	Zero-order drug delivery: State of the art and future prospects. <i>Journal of Controlled Release</i> , 2020, 327, 834-856.	4.8	126
1988	Biomaterial-based dressings as vehicle for chitosan-encapsulated cabreuva essential oil: Cytotoxicity and regenerative activity. <i>Reactive and Functional Polymers</i> , 2020, 156, 104728.	2.0	10

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1989	Ultra-broadband microwave absorption by ultra-thin metamaterial with stepped structure induced multi-resonances. <i>Results in Physics</i> , 2020, 18, 103320.	2.0	46
1990	Comparative analysis of chloroplast genomes in <i>Vasconcellea pubescens</i> A.DC. and <i>Carica papaya</i> L.. <i>Scientific Reports</i> , 2020, 10, 15799.	1.6	7
1991	The Design of Slag and Electroslag Remelting Production Technology of Steel Containing Zirconium. <i>Journal of Sustainable Metallurgy</i> , 2020, 6, 463-477.	1.1	4
1992	Agricultural land is the main source of stream sediments after conversion of an African montane forest. <i>Scientific Reports</i> , 2020, 10, 14827.	1.6	21
1993	Heat stress as an innovative approach to enhance the antioxidant production in <i>Pseudoocceanicola</i> and <i>Bacillus</i> isolates. <i>Scientific Reports</i> , 2020, 10, 15076.	1.6	12
1994	The chemopreventive effects of Huangqin-tea against AOM-induced preneoplastic colonic aberrant crypt foci in rats and omics analysis. <i>Food and Function</i> , 2020, 11, 9634-9650.	2.1	20
1995	Understanding the thermal conductivity variations in nanoporous anodic aluminum oxide. <i>Nanoscale Advances</i> , 2020, 2, 4591-4603.	2.2	18
1996	Crustal attenuation from USArray ML amplitude tomography. <i>Geophysical Journal International</i> , 2020, 224, 199-206.	1.0	2
1997	Prediction of hepatitis E using machine learning models. <i>PLoS ONE</i> , 2020, 15, e0237750.	1.1	24
1998	Graphene Hybrid Materials for Controlling Cellular Microenvironments. <i>Materials</i> , 2020, 13, 4008.	1.3	2
1999	SUPER STARCHY1/ONAC025 participates in rice grain filling. <i>Plant Direct</i> , 2020, 4, e00249.	0.8	11
2000	Biomarkers in Earthworms. <i>Handbook of Environmental Chemistry</i> , 2020, , 311.	0.2	1
2001	Late presenters among minority patients with chronic hepatitis C infection in the USA. <i>International Journal of Public Health</i> , 2020, 65, 1181-1191.	1.0	3
2002	Genetic engineering of crops for insect resistance: An overview. <i>Journal of Biosciences</i> , 2020, 45, 1.	0.5	16
2003	Ecological Water Rights of the Bosten Lake Wetlands in Xinjiang, China. <i>Wetlands</i> , 2020, 40, 2597-2607.	0.7	3
2004	Bioethanol production from cereal crops and lignocelluloses rich agro-residues: prospects and challenges. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	22
2005	A Mineralogy-Based Anthropogenic Combustion Iron Emission Inventory. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032114.	1.2	32
2006	The definition and measurement of heterogeneity. <i>Translational Psychiatry</i> , 2020, 10, 299.	2.4	20

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2008	Cropland expansion in the United States produces marginal yields at high costs to wildlife. <i>Nature Communications</i> , 2020, 11, 4295.	5.8	143
2009	Bioprocessing strategies for cost-effective simultaneous removal of chromium and malachite green by marine alga <i>Enteromorpha intestinalis</i> . <i>Scientific Reports</i> , 2020, 10, 13479.	1.6	13
2010	Transforming single-band static FSS to dual-band dynamic FSS using origami. <i>Scientific Reports</i> , 2020, 10, 13884.	1.6	21
2011	Evidence of genetic isolation between two Mediterranean morphotypes of <i>Parazoanthus axinellae</i> . <i>Scientific Reports</i> , 2020, 10, 13938.	1.6	8
2012	In vitro hyperthermic effect of magnetic fluid on cervical and breast cancer cells. <i>Scientific Reports</i> , 2020, 10, 15249.	1.6	36
2013	Pre-symptomatic modified phytohormone profile is associated with lower phytoplasma titres in an <i>Arabidopsis seor1ko</i> line. <i>Scientific Reports</i> , 2020, 10, 14770.	1.6	10
2014	Three-dimensional alignment of microvasculature and cardiomyocytes in the developing ventricle. <i>Scientific Reports</i> , 2020, 10, 14955.	1.6	5
2015	Fine tuning and optimization of magnetic hyperthermia treatments using versatile trapezoidal driving-field waveforms. <i>Nanoscale Advances</i> , 2020, 2, 4652-4664.	2.2	8
2016	Tandem microfluidic chip isolation of prostate and breast cancer cells from simulated liquid biopsies using CD71 as an affinity ligand. <i>RSC Advances</i> , 2020, 10, 32628-32637.	1.7	5
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2018	Emerging drugs for the treatment of attention-deficit hyperactivity disorder (ADHD). <i>Expert Opinion on Emerging Drugs</i> , 2020, 25, 395-407.	1.0	19
2019	Evaluation of the Possible Anticonvulsant Effect of $\delta^9$ -Tetrahydrocannabinolic Acid in Murine Seizure Models. <i>Cannabis and Cannabinoid Research</i> , 2022, 7, 46-57.	1.5	13
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2021	Five gene signatures were identified in the prediction of overall survival in resectable pancreatic cancer. <i>BMC Surgery</i> , 2020, 20, 207.	0.6	9
2022	Peptide-based combination nanoformulations for cancer therapy. <i>Nanomedicine</i> , 2020, 15, 2201-2217.	1.7	21
2023	Permafrost Microbial Community Structure Changes Across the Pleistocene-Holocene Boundary. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	8
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2028	Study of diesel engine characteristics by adding nanosized zinc oxide and diethyl ether additives in Mahua biodieselâ€ diesel fuel blend. Scientific Reports, 2020, 10, 15326.	1.6	89
2029	The anxious aspects of insecure attachment styles are associated with depression either in pregnancy or in the postpartum period. Annals of General Psychiatry, 2020, 19, 51.	1.2	18
2030	Photo-acoustic dual-frequency comb spectroscopy. Nature Communications, 2020, 11, 4164.	5.8	40
2031	View on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Si</mml:mi><mml:mo>( </mml:mo><mml:mn>11</mml:mn></mml:mrow></mml:math> with plasmon spectroscopy. Physical Review B, 2020, 102, .		
2032	Benchmarking of Inkjet Printing Methods for Combined Throughput and Performance. Advanced Engineering Materials, 2020, 22, 2000679.	1.6	6
2033	Pumpless microfluidic device with open top cell culture under oscillatory shear stress. Biomedical Microdevices, 2020, 22, 58.	1.4	7
2034	Fabrication and characterization of CuO/CdS heterostructure for optoelectronic applications. Journal of Sol-Gel Science and Technology, 2020, 96, 178-187.	1.1	6
2035	Nesting failure of sea turtles in Ecuador - causes of the loss of sea turtle nests: the role of the tide. Journal of Coastal Conservation, 2020, 24, 1.	0.7	4
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2037	Innovative low-cost biosorption process of Cr6+ by Pseudomonas alcaliphila NEWG-2. Scientific Reports, 2020, 10, 14043.	1.6	59
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2041	Functional hyperemia drives fluid exchange in the paravascular space. Fluids and Barriers of the CNS, 2020, 17, 52.	2.4	42
2042	Hidden diversity in Prochilodus nigricans: A new genetic lineage within the TapajÃs River basin. PLoS ONE, 2020, 15, e0237916.	1.1	1

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2045	Quantum image encryption algorithm based on generalized Arnold transform and Logistic map. <i>CCF Transactions on High Performance Computing</i> , 2020, 2, 228-253.	1.1	9
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2047	Diffusion of flue gas desulfurization reveals barriers and opportunities for carbon capture and storage. <i>Nature Communications</i> , 2020, 11, 4298.	5.8	20
2048	Characterization of metals in four dimensions. <i>Materials Research Letters</i> , 2020, 8, 462-476.	4.1	32
2049	Cryptic lineages and potential introgression in a mixed-ploidy species ( <i>Phragmites australis</i> ) across temperate China. <i>Journal of Systematics and Evolution</i> , 2022, 60, 398-410.	1.6	16
2050	A 31-bp indel in the 5' UTR region of GNB1L is significantly associated with chicken body weight and carcass traits. <i>BMC Genetics</i> , 2020, 21, 91.	2.7	6
2051	Propranolol, chlorpromazine and diclofenac restore susceptibility of extensively drug-resistant (XDR)- <i>Acinetobacter baumannii</i> to fluoroquinolones. <i>PLoS ONE</i> , 2020, 15, e0238195.	1.1	7
2052	Analytical Performance Validation of Next-Generation Sequencing Based Clinical Microbiology Assays Using a K-mer Analysis Workflow. <i>Frontiers in Microbiology</i> , 2020, 11, 1883.	1.5	12
2053	Synthesis and Photocatalytic Activity of Ni-Fe Layered Double Hydroxide Modified Sulphur Doped Graphitic Carbon Nitride (SGCN/Ni-Fe LDH) Photocatalyst for 2,4-Dinitrophenol Degradation. <i>Topics in Catalysis</i> , 2020, 63, 1030-1045.	1.3	45
2054	A D-lactate dehydrogenase from rice is involved in conferring tolerance to multiple abiotic stresses by maintaining cellular homeostasis. <i>Scientific Reports</i> , 2020, 10, 12835.	1.6	12
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2056	Low frequency stimulation induces polarization-based capturing of normal, cancerous and white blood cells: a new separation method for circulating tumor cell enrichment or phenotypic cell sorting. <i>Analyst</i> , The, 2020, 145, 7636-7645.	1.7	9
2057	African swine fever whole-genome sequencing—Quantity wanted but quality needed. <i>PLoS Pathogens</i> , 2020, 16, e1008779.	2.1	23
2058	Hepatoprotective <i>Angelica sinensis</i> silver nanoformulation against multidrug resistant bacteria and the integration of a multicomponent logic gate system. <i>Nanoscale</i> , 2020, 12, 19149-19158.	2.8	2
2059	Efficacy of <i>Lobelia alsinoides</i> Lam ethanolic extract on a third-degree burn: An experimental study on rats. <i>Dermatologic Therapy</i> , 2020, 33, e14242.	0.8	5
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#	ARTICLE	IF	CITATIONS
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2062	Molecular malaria surveillance using a novel protocol for extraction and analysis of nucleic acids retained on used rapid diagnostic tests. <i>Scientific Reports</i> , 2020, 10, 12305.	1.6	9
2063	Preparation and evaluation of zeolites for ammonium removal from municipal wastewater through ion exchange process. <i>Scientific Reports</i> , 2020, 10, 12426.	1.6	53
2064	Rapid and quantitative antimalarial drug efficacy testing via the magneto-optical detection of hemozoin. <i>Scientific Reports</i> , 2020, 10, 14025.	1.6	11
2065	Nonlinear analysis of periodic waves in a neural field model. <i>Chaos</i> , 2020, 30, 083144.	1.0	2
2066	Using Climate to Explain and Predict West Nile Virus Risk in Nebraska. <i>GeoHealth</i> , 2020, 4, e2020GH000244.	1.9	14
2067	Impact of rescanning and normalization on convolutional neural network performance in multi-center, whole-slide classification of prostate cancer. <i>Scientific Reports</i> , 2020, 10, 14398.	1.6	40
2068	Compact organic liquid dielectric resonator antenna for air pressure sensing using soft material. <i>Scientific Reports</i> , 2020, 10, 14907.	1.6	18
2069	$\text{NiS}$ 3D micro-flower-based electrode for aqueous asymmetric supercapacitors. <i>Sustainable Energy and Fuels</i> , 2020, 4, 5550-5559.	2.5	20
2070	Plasma metabolomic study in perinatally HIV-infected children using $^1\text{H}$ NMR spectroscopy reveals perturbed metabolites that sustain during therapy. <i>PLoS ONE</i> , 2020, 15, e0238316.	1.1	7
2071	Theory of Cooperative-Competitive Intelligence: Principles, Research Directions, and Applications. <i>Frontiers in Psychology</i> , 2020, 11, 2220.	1.1	12
2072	Synthesis of 4- $\text{Acylchromene}$ via Highly Chemoselective Iodine-Catalyzed Cyclization of Alkynylarylether Dimethylacetals. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3475-3486.	1.7	0
2073	Goos-Hänchen effect on a graphene-based hyperbolic metamaterial slab. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	2
2074	A molecular sensor to quantify the localization of proteins, DNA and nanoparticles in cells. <i>Nature Communications</i> , 2020, 11, 4482.	5.8	21
2075	DNA replication and chromosome positioning throughout the interphase in three-dimensional space of plant nuclei. <i>Journal of Experimental Botany</i> , 2020, 71, 6262-6272.	2.4	13
2076	Sodium aescinate and its bioactive components induce degranulation via oxidative stress in RBL-2H3 mast cells. <i>Toxicology Research</i> , 2020, 9, 413-424.	0.9	8
2077	Vortex lattice in two-dimensional chiral $\langle \mathbf{m} \rangle$ ferromagnets and the inverse Berezinskii-Kosterlitz-Thouless transition. <i>Physical Review B</i> , 2020, 102, .		
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2080	Pathways and challenges towards a complete characterization of microgels. <i>Nature Communications</i> , 2020, 11, 4315.	5.8	72
2081	Essential Oils™ Potential in Breast Cancer Treatment: An Overview. , 0, , .		0
2082	Noninvasive estimation of aortic hemodynamics and cardiac contractility using machine learning. <i>Scientific Reports</i> , 2020, 10, 15015.	1.6	18
2083	Reverse vaccinology assisted designing of multiepitope-based subunit vaccine against SARS-CoV-2. <i>Infectious Diseases of Poverty</i> , 2020, 9, 132.	1.5	61
2084	T Helper (Th) Cell Profiles in Pregnancy and Recurrent Pregnancy Losses: Th1/Th2/Th9/Th17/Th22/Tfh Cells. <i>Frontiers in Immunology</i> , 2020, 11, 2025.	2.2	215
2085	Design of Transparent Metasurfaces Based on Asymmetric Nanostructures for Directional and Selective Absorption. <i>Materials</i> , 2020, 13, 3751.	1.3	9
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2087	Heat tolerance in vegetables in the current genomic era: an overview. <i>Plant Growth Regulation</i> , 2020, 92, 497-516.	1.8	16
2088	Sexual EDC-ucation: What we Have Learned About Endocrine-Disrupting Chemicals and Reproduction. <i>Current Sexual Health Reports</i> , 2020, 12, 170-181.	0.4	1
2089	One-pot hydrothermal synthesis of molybdenum nickel sulfide with graphene quantum dots as a novel conductive additive for enhanced supercapacitive performance. <i>Materials Advances</i> , 2020, 1, 2763-2772.	2.6	17
2090	Terahertz smart dynamic and active functional electromagnetic metasurfaces and their applications. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190609.	1.6	12
2091	Nonspherical modes nondegeneracy of a tethered bubble. <i>Physical Review E</i> , 2020, 102, 033108.	0.8	3
2092	MAIRA- real-time taxonomic and functional analysis of long reads on a laptop. <i>BMC Bioinformatics</i> , 2020, 21, 390.	1.2	2
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2094	Effect of smoking on tuberculosis treatment outcomes: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2020, 15, e0239333.	1.1	31
2095	Microbial diversity of the glass sponge <i>Vazella pourtalesii</i> in response to anthropogenic activities. <i>Conservation Genetics</i> , 2020, 21, 1001-1010.	0.8	11
2096	Polymorphism of lncRNAs in breast cancer: Metaâ€analysis shows no association with susceptibility. <i>Journal of Gene Medicine</i> , 2020, 22, e3271.	1.4	7



#	ARTICLE	IF	CITATIONS
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2098	Brain Glymphatic/Lymphatic Imaging by MRI and PET. <i>Nuclear Medicine and Molecular Imaging</i> , 2020, 54, 207-223.	0.6	15
2099	Cellular and molecular mechanisms of DEET toxicity and disease-carrying insect vectors: a review. <i>Genes and Genomics</i> , 2020, 42, 1131-1144.	0.5	11
2100	Design of an ultra-thin, multiband, micro-slot based terahertz metamaterial absorber. <i>Journal of Electromagnetic Waves and Applications</i> , 2020, 34, 2181-2193.	1.0	6
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2104	Downscaling global ocean climate models improves estimates of exposure regimes in coastal environments. <i>Scientific Reports</i> , 2020, 10, 14227.	1.6	7
2105	Photodynamic therapy, priming and optical imaging: Potential co-conspirators in treatment design and optimization – a Thomas Dougherty Award for Excellence in PDT paper. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 1320-1360.	0.4	48
2106	&lt;p&gt;Prevalence and Risk Factors of Hyperuricemia in Patients with Chronic Kidney Disease and Non-Alcoholic Fatty Liver&lt;/p&gt;. <i>Clinical and Experimental Gastroenterology</i> , 2020, Volume 13, 299-304.	1.0	10
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2111	Secondary organic aerosol tracers and related polar organic compounds between urban and rural areas in the Eastern Mediterranean region: source apportionment and the influence of atmospheric oxidants. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 2212-2229.	1.7	1
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2134	Asynchrony among insect pollinator groups and flowering plants with elevation. <i>Scientific Reports</i> , 2020, 10, 13268.	1.6	11
2135	Strain localization and failure of disordered particle rafts with tunable ductility during tensile deformation. <i>Soft Matter</i> , 2020, 16, 8226-8236.	1.2	9
2136	A novel culture method that sustains ER $\alpha$ signaling in human breast cancer tissue microstructures. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 161.	3.5	16
2137	Cloning and functional expression of a food-grade circular bacteriocin, plantacyclin B21AG, in probiotic <i>Lactobacillus plantarum</i> WCFS1. <i>PLoS ONE</i> , 2020, 15, e0232806.	1.1	8
2138	Cerebrospinal fluid endo-lysosomal proteins as potential biomarkers for Huntington's disease. <i>PLoS ONE</i> , 2020, 15, e0233820.	1.1	8
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2308	Smartphone apps for managing alcohol consumption: a literature review. <i>Addiction Science &amp; Clinical Practice</i> , 2020, 15, 17.	1.2	63
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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4123	A multilayer multimodal detection and prediction model based on explainable artificial intelligence for Alzheimer's disease. <i>Scientific Reports</i> , 2021, 11, 2660.	1.6	125
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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12549

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