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Citation Report

#	ARTICLE	IF	CITATIONS
1	Embryonic and early development of the Zagros toothâ€carp, <i>Aphanius vladykovi</i> (Actinopterygii: Tj ETQq0,0,0 rgBT /5 Overlock 1	0.6	5
2	Electrophilic properties of itaconate and derivatives regulate theÂŒBŒâ€ATF3 inflammatory axis. <i>Nature</i> , 2018, 556, 501-504.	13.7	438
3	Expression of novel â€œLOCGEFâ€isoforms of ARHGEF18 in eosinophils. <i>Journal of Leukocyte Biology</i> , 2018, 104, 135-145.	1.5	3
4	Water relations of <i>Calycanthus</i> flowers: Hydraulic conductance, capacitance, and embolism resistance. <i>Plant, Cell and Environment</i> , 2018, 41, 2250-2262.	2.8	39
5	Quantitative SIMS Imaging of Agar-Based Microbial Communities. <i>Analytical Chemistry</i> , 2018, 90, 5654-5663.	3.2	30
6	Structural insight into the assembly of the type II secretion system pilotinâ€secretin complex from enterotoxigenic <i>Escherichia coli</i> . <i>Nature Microbiology</i> , 2018, 3, 581-587.	5.9	36
7	Lithocholic acid, a bacterial metabolite reduces breast cancer cell proliferation and aggressiveness. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 958-974.	0.5	122
8	The role of defects and critical pore size analysis in the fatigue response of additively manufactured IN718 via crystal plasticity. <i>Materials and Design</i> , 2018, 150, 139-153.	3.3	111
9	Development of a primary human Small Intestine-on-a-Chip using biopsy-derived organoids. <i>Scientific Reports</i> , 2018, 8, 2871.	1.6	523
10	Towards predicting the piezoelectricity and physiochemical properties of the electrospun P(VDF-TrFE) nanogenerators using an artificial neural network. <i>Polymer Testing</i> , 2018, 66, 178-188.	2.3	29
11	From eutectic to peritectic: Effect of Ge on morphology, structure, and coarsening of Cr-Cr3Si alloys. <i>Intermetallics</i> , 2018, 93, 201-208.	1.8	7
12	Razor-printed sticker microdevices for cell-based applications. <i>Lab on A Chip</i> , 2018, 18, 451-462.	3.1	30
13	Modeling Nanoparticle Dispersion in Electrospun Nanofibers. <i>Langmuir</i> , 2018, 34, 1340-1346.	1.6	25
14	MowJoe: a method for automated-high throughputÂdissected leaf phenotyping. <i>Plant Methods</i> , 2018, 14, 27.	1.9	5
15	ImagePy: an open-source, Python-based and platform-independent software package for bioimage analysis. <i>Bioinformatics</i> , 2018, 34, 3238-3240.	1.8	33
16	Citron kinase-dependent F-actin maintenance at midbody secondary ingression sites mediates abscission. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	21
17	Intestinal Failure and Aberrant Lipid Metabolism in Patients WithÂDGAT1 Deficiency. <i>Gastroenterology</i> , 2018, 155, 130-143.e15.	0.6	83
18	Magnetic Particle Imaging-Guided Heating <i>in Vivo</i> Using Gradient Fields for Arbitrary Localization of Magnetic Hyperthermia Therapy. <i>ACS Nano</i> , 2018, 12, 3699-3713.	7.3	304

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19	Combining 3D printing and electrospinning for preparation of pain-relieving wound-dressing materials. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 88, 33-48.	1.1	73
20	A novel method to visualise the three-dimensional organisation of the human cerebral cortical vasculature. <i>Journal of Anatomy</i> , 2018, 232, 1025-1030.	0.9	8
21	Specimen for cyclic delamination crack growth rates from ply-drops. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 388, 012010.	0.3	0
22	Making image and vision effortless: Learning methodology through the quick and easy design of short case studies. <i>Computer Applications in Engineering Education</i> , 2018, 26, 2102-2115.	2.2	6
23	Cytotoxin- and Chemotaxis-Genes Cooperate to Promote Adhesion of <i>Photobacterium damsela</i> subsp. <i>damsela</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2996.	1.5	12
24	A Brief Overview of Medical Software Tools Used in MR Image Segmentation. , 2018, , .		2
25	p53-Sensitive Epileptic Behavior and Inflammation in Ft1 Hypomorphic Mice. <i>Frontiers in Genetics</i> , 2018, 9, 581.	1.1	12
26	Comparative proteomics of soluble factors secreted by human breast adipose tissue from tumor and normal breast. <i>Oncotarget</i> , 2018, 9, 31007-31017.	0.8	7
27	An Overview of Watershed Algorithm Implementations in Open Source Libraries. <i>Journal of Imaging</i> , 2018, 4, 123.	1.7	135
28	Searching for relevant criteria to distinguish natural vs. anthropogenic TiO ₂ nanoparticles in soils. <i>Environmental Science: Nano</i> , 2018, 5, 2853-2863.	2.2	30
29	Molecular autopsy: using the discovery of a novel de novo pathogenic variant in the KCNH2 gene to inform healthcare of surviving family. <i>Heliyon</i> , 2018, 4, e01015.	1.4	4
30	Tracking-Free Determination of Single-Cell Displacements and Division Rates in Confluent Monolayers. <i>Frontiers in Physics</i> , 2018, 6, .	1.0	19
31	Measurement of the Cell Migration and Cytokine Secretion Activity with Real-time Imaging System. , 2018, , .		0
32	An immune cell spray (ICS) formulation allows for the delivery of functional monocyte/macrophages. <i>Scientific Reports</i> , 2018, 8, 16281.	1.6	7
33	Lentiviral transduction of mammalian cells for fast, scalable and high-level production of soluble and membrane proteins. <i>Nature Protocols</i> , 2018, 13, 2991-3017.	5.5	131
34	Redirecting Primary Metabolism to Boost Production of Tyrosine-Derived Specialised Metabolites in <i>Planta</i> . <i>Scientific Reports</i> , 2018, 8, 17256.	1.6	23
35	Standalone Sand Control Failure: The Role of Wellbore and Near Wellbore Hydro-Thermo-Chemical Phenomenon on the Plugging and the Flow Performance Impairments of the Standalone Sand Screen. , 2018, , .		4
36	Pharmaceutical Induction of PGC-1 Promotes Retinal Pigment Epithelial Cell Metabolism and Protects against Oxidative Damage. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	1.9	27

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37	All-Metal Broadband Optical Absorbers Based on Block Copolymer Nanolithography. ACS Applied Materials & Interfaces, 2018, 10, 42941-42947.	4.0	22
38	Stochastic fracture of additively manufactured porous composites. Scientific Reports, 2018, 8, 15437.	1.6	23
39	SETDB1 Links the Meiotic DNA Damage Response to Sex Chromosome Silencing in Mice. Developmental Cell, 2018, 47, 645-659.e6.	3.1	68
40	Tumor suppressor RARRES1- A novel regulator of fatty acid metabolism in epithelial cells. PLoS ONE, 2018, 13, e0208756.	1.1	21
41	Drone Monitoring of Breeding Waterbird Populations: The Case of the Glossy Ibis. Drones, 2018, 2, 42.	2.7	38
42	Quantitative imaging of membrane micropolarity in living cells and tissues by spectral phasors analysis. MethodsX, 2018, 5, 1399-1412.	0.7	8
43	Variation in leaf functional traits of the Korean maple (<i>Acer pseudosieboldianum</i>) along an elevational gradient in a montane forest in Southern Korea. Journal of Ecology and Environment, 2018, 42, .	1.6	3
44	Intraoperative detection of blood vessels with an imaging needle during neurosurgery in humans. Science Advances, 2018, 4, eaav4992.	4.7	46
45	A model-based high throughput method for fecundity estimation in fruit fly studies. Fly, 2018, 12, 183-190.	0.9	10
46	Wild African <i>Drosophila melanogaster</i> Are Seasonal Specialists on Marula Fruit. Current Biology, 2018, 28, 3960-3968.e3.	1.8	89
47	An Automated Algorithm for Quantifying Cracks in Photovoltaic Backsheets Under Accelerated and Real-World Exposures. , 2018, , .		0
48	Epithelial-Mesenchymal Transdifferentiation in Pediatric Lens Epithelial Cells. , 2018, 59, 5785.		30
49	Rho-Kinase Inhibition Reduces Myofibroblast Differentiation and Proliferation of Scleral Fibroblasts Induced by Transforming Growth Factor β^2 and Experimental Glaucoma. Translational Vision Science and Technology, 2018, 7, 6.	1.1	40
50	Heterocellular Coupling Between Amacrine Cells and Ganglion Cells. Frontiers in Neural Circuits, 2018, 12, 90.	1.4	18
51	Compton camera based on Timepix3 technology. Journal of Instrumentation, 2018, 13, C11022-C11022.	0.5	22
52	A machine learning approach for online automated optimization of super-resolution optical microscopy. Nature Communications, 2018, 9, 5247.	5.8	43
53	Chemically Resistant Perfluoroalkoxy Nanoparticle-Packed Porous Substrates and Their Use in Colorimetric Sensor Arrays. Langmuir, 2018, 34, 13014-13024.	1.6	4
54	H ₂ O ₂ Signature and Innate Antioxidative Profile Make the Difference Between Sensitivity and Tolerance to Salt in Rice Cells. Frontiers in Plant Science, 2018, 9, 1549.	1.7	13

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56	Intermediate-depth brecciation along the subduction plate interface (Monviso eclogite, W. Alps). <i>Lithos</i> , 2018, 320-321, 378-402.	0.6	42
57	The role of ionic liquids in the synthesis of the high-temperature superconductor YBa ₂ Cu ₃ O _{7-δ} . <i>CrystEngComm</i> , 2018, 20, 5814-5821.	1.3	6
58	Assessment of Resistance to Tyrosine Kinase Inhibitors by an Interrogation of Signal Transduction Pathways by Antibody Arrays. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	0
59	Coral reefs respond to repeated ENSO events with increasing resistance but reduced recovery capacities in the Lakshadweep archipelago. <i>Coral Reefs</i> , 2018, 37, 1245-1257.	0.9	20
60	Evaluation of Genotoxic and Mutagenic Effects of Glyphosate Roundup Original [®] in <i>Dendropsophus minutus</i> Peters, 1872 Tadpoles. <i>South American Journal of Herpetology</i> , 2018, 13, 220-229.	0.5	18
61	Synthesis and Characterization of PDMS-PMOXA-Based Polymersomes Sensitive to MMP-9 for Application in Breast Cancer. <i>Molecular Pharmaceutics</i> , 2018, 15, 4884-4897.	2.3	18
62	Microfluidic deposition for resolving single-molecule protein architecture and heterogeneity. <i>Nature Communications</i> , 2018, 9, 3890.	5.8	40
63	Cell-lineage specificity of primary cilia during postnatal epididymal development. <i>Human Reproduction</i> , 2018, 33, 1829-1838.	0.4	9
64	Profiling neurotransmitters in a crustacean neural circuit for locomotion. <i>PLoS ONE</i> , 2018, 13, e0197781.	1.1	3
65	The Suitability of 3D Data: 3D Digitisation of Human Remains. <i>Archaeologies</i> , 2018, 14, 250-271.	0.3	8
66	Response of the inner ear to lipopolysaccharide introduced directly into scala media. <i>Hearing Research</i> , 2018, 370, 105-112.	0.9	10
67	The effect of Zr and Sn additions on the microstructure of Ti-Nb-Fe gum metals with high elastic admissible strain. <i>Materials and Design</i> , 2018, 160, 1186-1195.	3.3	29
68	Micromorphic and Molecular Studies of Floral Organs of a Multiple Seeded Rice (<i>Oryza sativa</i> L.). <i>Plant Molecular Biology Reporter</i> , 2018, 36, 764-775.	1.0	5
69	Tissue-resident memory T cells populate the human brain. <i>Nature Communications</i> , 2018, 9, 4593.	5.8	242
70	<i>Escherichia coli</i> mediated resistance of <i>Entamoeba histolytica</i> to oxidative stress is triggered by oxaloacetate. <i>PLoS Pathogens</i> , 2018, 14, e1007295.	2.1	28
71	Notch2 signal is required for the maintenance of canine hemangiosarcoma cancer stem cell-like cells. <i>BMC Veterinary Research</i> , 2018, 14, 301.	0.7	9
72	h-Channels Contribute to Divergent Intrinsic Membrane Properties of Supragranular Pyramidal Neurons in Human versus Mouse Cerebral Cortex. <i>Neuron</i> , 2018, 100, 1194-1208.e5.	3.8	134

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73	Rare truncating variants in the sarcomeric protein titin associate with familial and early-onset atrial fibrillation. <i>Nature Communications</i> , 2018, 9, 4316.	5.8	93
74	±-Proteobacterial RNA Degradosomes Assemble Liquid-Liquid Phase-Separated RNP Bodies. <i>Molecular Cell</i> , 2018, 71, 1027-1039.e14.	4.5	156
75	4D cell biology: big data image analytics and lattice light-sheet imaging reveal dynamics of clathrin-mediated endocytosis in stem cell-derived intestinal organoids. <i>Molecular Biology of the Cell</i> , 2018, 29, 2959-2968.	0.9	42
76	Identification of the minimal bacterial 2'-deoxy-7-amido-7-deazaguanine synthesis machinery. <i>Molecular Microbiology</i> , 2018, 110, 469-483.	1.2	16
77	The digital human forearm and hand. <i>Journal of Anatomy</i> , 2018, 233, 557-566.	0.9	9
78	Disrupted structure and aberrant function of CHIP mediates the loss of motor and cognitive function in preclinical models of SCAR16. <i>PLoS Genetics</i> , 2018, 14, e1007664.	1.5	28
79	Fast Regulation of Hormone Metabolism Contributes to Salt Tolerance in Rice (<i>Oryza sativa</i> spp.)	1.6	22
80	<i>Let-7i</i> inhibition enhances progesterone-induced functional recovery in a mouse model of ischemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9668-E9677.	3.3	23
81	The Secretory Pathway Calcium ATPase 1 (SPCA1) controls neural tube closure by regulating cytoskeletal dynamics. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	17
82	Physiological and pathological roles of FATP-mediated lipid droplets in <i>Drosophila</i> and mice retina. <i>PLoS Genetics</i> , 2018, 14, e1007627.	1.5	38
83	Influenza A Virus Infection Causes Chronic Lung Disease Linked to Sites of Active Viral RNA Remnants. <i>Journal of Immunology</i> , 2018, 201, 2354-2368.	0.4	69
84	Neurobiology of Wild and Hatchery-Reared Atlantic Salmon: How Nurture Drives Neuroplasticity. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 210.	1.0	15
85	Superpixel-Based Classification of Occlusal Caries Photography. , 2018, , .		1
86	An X-ray Tomographic Study of Rechargeable Zn/MnO ₂ Batteries. <i>Materials</i> , 2018, 11, 1486.	1.3	8
87	How do long-term effects of temperature influence sex ratio, somatic and gonadal development in juvenile sterlet (<i>Acipenser ruthenus</i> L.)-An additional climate change consequence?. <i>Aquaculture Research</i> , 2018, 49, 3577-3585.	0.9	4
88	Modulation of septin higher-order structure by the Cdc28 protein kinase. <i>Biologia (Poland)</i> , 2018, 73, 1025-1033.	0.8	4
89	Experimental muscle hyperalgesia modulates sensorimotor cortical excitability, which is partially altered by unaccustomed exercise. <i>Pain</i> , 2018, 159, 2493-2502.	2.0	26
90	Evaluation of density gradient ultracentrifugation serum lipoprotein profiles in healthy dogs and dogs with exocrine pancreatic insufficiency. <i>Journal of Veterinary Diagnostic Investigation</i> , 2018, 30, 878-886.	0.5	4

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91	Large-Scale Preparation of Giant Vesicles by Squeezing a Lipid-Coated Marshmallow-like Silicone Gel in a Buffer. <i>Langmuir</i> , 2018, 34, 11021-11026.	1.6	8
92	Biophysical validation of serotonin 5-HT _{2A} and 5-HT _{2C} receptor interaction. <i>PLoS ONE</i> , 2018, 13, e0203137.	1.1	38
93	Biometric Factors Associated with the Visual Performance of a High Addition Multifocal Intraocular Lens. <i>Current Eye Research</i> , 2018, 43, 998-1005.	0.7	30
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95	Design keys for paper-based concentration gradient generators. <i>Journal of Chromatography A</i> , 2018, 1561, 83-91.	1.8	14
96	Methyl-CpG-binding protein 2 mediates antifibrotic effects in scleroderma fibroblasts. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, annrheumdis-2018-213022.	0.5	36
97	FunImageJ: a Lisp framework for scientific image processing. <i>Bioinformatics</i> , 2018, 34, 899-900.	1.8	7
98	Simulations of 3D bioprinting: predicting bioprintability of nanofibrillar inks. <i>Biofabrication</i> , 2018, 10, 034105.	3.7	93
99	Automated analysis of images for molecular quantification in immunohistochemistry. <i>Heliyon</i> , 2018, 4, e00669.	1.4	46
100	PiFlow: A biocompatible low-cost programmable dynamic flow pumping system utilizing a Raspberry Pi Zero and commercial piezoelectric pumps. <i>HardwareX</i> , 2018, 4, e00034.	1.1	11
101	Controlled Surface Silanization for Actin-Myosin Based Nanodevices and Biocompatibility of New Polymer Resists. <i>Langmuir</i> , 2018, 34, 8777-8784.	1.6	17
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103	ketu mutant mice uncover an essential meiotic function for the ancient RNA helicase YTHDC2. <i>ELife</i> , 2018, 7, .	2.8	129
104	ConfocalVR: Immersive Visualization for Confocal Microscopy. <i>Journal of Molecular Biology</i> , 2018, 430, 4028-4035.	2.0	50
105	Correlated random walks of human embryonic stem cells in vitro. <i>Physical Biology</i> , 2018, 15, 056006.	0.8	10
106	Potential for Genetic Improvement of the Main Slaughter Yields in Common Carp With in vivo Morphological Predictors. <i>Frontiers in Genetics</i> , 2018, 9, 283.	1.1	20
107	Development of pipette tip gap closure migration assay (s-ARU method) for studying semi-adherent cell lines. <i>Cytotechnology</i> , 2018, 70, 1685-1695.	0.7	6
108	DRUNET: a dilated-residual U-Net deep learning network to segment optic nerve head tissues in optical coherence tomography images. <i>Biomedical Optics Express</i> , 2018, 9, 3244.	1.5	152

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109	Deep-STORM: super-resolution single-molecule microscopy by deep learning. <i>Optica</i> , 2018, 5, 458.	4.8	430
110	Poly(ADP-ribose) polymerase-2 is a lipid-modulated modulator of muscular lipid homeostasis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1399-1412.	1.2	13
111	To Be Or Not to Be: the “Smoker’s Paradox” An in-Vitro Study. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 1638-1651.	1.1	3
112	Transcriptome and Cell Physiological Analyses in Different Rice Cultivars Provide New Insights Into Adaptive and Salinity Stress Responses. <i>Frontiers in Plant Science</i> , 2018, 9, 204.	1.7	65
113	Modelling the microbial dynamics and antimicrobial resistance development of <i>Listeria</i> in viscoelastic food model systems of various structural complexities. <i>International Journal of Food Microbiology</i> , 2018, 286, 15-30.	2.1	18
114	Transcriptome Analysis of Four <i>Arabidopsis thaliana</i> Mediator Tail Mutants Reveals Overlapping and Unique Functions in Gene Regulation. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3093-3108.	0.8	14
115	Correction factors for diode and diamond detectors in the measurement of small field output factors, using film dosimetry as reference. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 055011.	0.6	1
116	A long-forgotten “dinosaur” bone from a museum cabinet, uncovered to be a Japan's iconic extinct mammal, <i>Paleoparadoxia</i> (<i>Desmostylia</i> , <i>Mammalia</i>). <i>Royal Society Open Science</i> , 2018, 5, 172441.	1.1	3
117	Retrograde axonal transport of rabies virus is unaffected by interferon treatment but blocked by emetine locally in axons. <i>PLoS Pathogens</i> , 2018, 14, e1007188.	2.1	37
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119	Waterborne epoxy-thiol decorated silica sol-gel coatings: impact of crosslinking on corrosion prevention. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 87, 504-513.	1.1	13
120	Spore wall ultrastructure and development in a basal euphyllophyte: <i>Psilophyton dawsonii</i> from the Lower Devonian of Quebec (Canada). <i>American Journal of Botany</i> , 2018, 105, 1212-1223.	0.8	5
121	Physiological and anatomical responses of a common beach grass to crude oil pollution. <i>Environmental Science and Pollution Research</i> , 2018, 25, 28075-28085.	2.7	5
122	Simple Fabrication and Characterization of an Aluminum Nanoparticle Monolayer with Well-Defined Plasmonic Resonances in the Far Ultraviolet. <i>Metals</i> , 2018, 8, 67.	1.0	7
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124	CO2 Laser-Based Rapid Prototyping of Micropumps. <i>Micromachines</i> , 2018, 9, 215.	1.4	6
125	Sexual Dimorphism in the Selenocysteine Lyase Knockout Mouse. <i>Nutrients</i> , 2018, 10, 159.	1.7	13
126	QSI Methods for Determining the Quality of the Surface Finish of Concrete. <i>Sustainability</i> , 2018, 10, 931.	1.6	7

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127	MouR controls the expression of the <i>Listeria monocytogenes</i> Agr system and mediates virulence. <i>Nucleic Acids Research</i> , 2018, 46, 9338-9352.	6.5	26
128	Evaluation of anti-biofilm and cytotoxic effect of a gel formulation with Pluronic F-127 and silver nanoparticles as a potential treatment for skin wounds. <i>Materials Science and Engineering C</i> , 2018, 92, 621-630.	3.8	33
129	Use of otolith shape to inform stock structure in Patagonian toothfish (<i>Dissostichus eleginoides</i>) in the south-western Atlantic. <i>Marine and Freshwater Research</i> , 2018, 69, 1238.	0.7	15
130	Risk SNP-Mediated Promoter-Enhancer Switching Drives Prostate Cancer through lncRNA PCAT19. <i>Cell</i> , 2018, 174, 564-575.e18.	13.5	264
131	A non-destructive method for crack quantification in photovoltaic backsheets under accelerated and real-world exposures. <i>Polymer Degradation and Stability</i> , 2018, 153, 244-254.	2.7	14
132	The Small Yeast GTPase Rho5 and Its Dimeric GEF Dck1/Lmo1 Respond to Glucose Starvation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2186.	1.8	16
133	ABE-VIEW: Android Interface for Wireless Data Acquisition and Control. <i>Sensors</i> , 2018, 18, 2647.	2.1	5
134	Polyglutamine repeat proteins disrupt actin structure in <i>Drosophila</i> photoreceptors. <i>Molecular and Cellular Neurosciences</i> , 2018, 93, 10-17.	1.0	2
135	The modeling and simulation of the thermal conductivity of irradiated U-Mo dispersion fuel: Estimation of the thermal conductivity of the interaction layer. <i>Journal of Nuclear Materials</i> , 2018, 510, 199-209.	1.3	4
136	CellProfiler 3.0: Next-generation image processing for biology. <i>PLoS Biology</i> , 2018, 16, e2005970.	2.6	1,547
137	A Literal Elytral Rainbow: Tunable Structural Colors Using Single Diamond Biophotonic Crystals in <i>Pachyrhynchus congestus</i> Weevils. <i>Small</i> , 2018, 14, e1802328.	5.2	21
138	Iron-Sulfur Cluster Biosynthesis in Algae with Complex Plastids. <i>Genome Biology and Evolution</i> , 2018, 10, 2061-2071.	1.1	9
139	Poly(ADP-Ribose) Prevents Pathological Phase Separation of TDP-43 by Promoting Liquid Demixing and Stress Granule Localization. <i>Molecular Cell</i> , 2018, 71, 703-717.e9.	4.5	309
140	Section-specific expression of acid-base and ammonia transporters in the kidney tubules of the goldfish <i>Carassius auratus</i> and their responses to feeding. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1565-F1582.	1.3	14
141	Actomyosin stress fiber subtypes have unique viscoelastic properties and roles in tension generation. <i>Molecular Biology of the Cell</i> , 2018, 29, 1992-2004.	0.9	30
142	Three-dimensional chemical mapping using non-destructive SEM and photogrammetry. <i>Scientific Reports</i> , 2018, 8, 11000.	1.6	8
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144	The murine hepatic sequelae of long-term ethanol consumption are sex-specific and exacerbated by <i>Aldh1b1</i> loss. <i>Experimental and Molecular Pathology</i> , 2018, 105, 63-70.	0.9	6

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145	Combining electrospun nanofibers with cell-encapsulating hydrogel fibers for neural tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 1625-1642.	1.9	25
146	A Gold Nanoparticle Bio-Optical Transponder to Dynamically Monitor Intracellular pH. <i>ACS Nano</i> , 2018, 12, 5956-5968.	7.3	21
147	Increase in depolarization temperature and improvement in ferroelectric properties by V ⁵⁺ doping in lead-free 0.94(Na _{0.50} Bi _{0.50})TiO ₃ -0.06BaTiO ₃ ceramics. <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	27
148	Morphogenesis and motility of the <i>Astyanax mexicanus</i> gastrointestinal tract. <i>Developmental Biology</i> , 2018, 441, 285-296.	0.9	22
149	Soluble Cripto-1 Induces Accumulation of Supernumerary Centrosomes and Formation of Aberrant Mitoses in Human Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2018, 27, 1077-1084.	1.1	3
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1040	Detection of High-Explosive Materials within Fingerprints by Means of Optical-Photothermal Infrared Spectromicroscopy. <i>Analytical Chemistry</i> , 2020, 92, 9649-9657.	3.2	27
1041	Association Between Common Variants in <i>RBFOX1</i> , an RNA-Binding Protein, and Brain Amyloidosis in Early and Preclinical Alzheimer Disease. <i>JAMA Neurology</i> , 2020, 77, 1288.	4.5	41
1042	Effects of permeability on CO ₂ dissolution and convection at reservoir temperature and pressure conditions: A visualization study. <i>International Journal of Greenhouse Gas Control</i> , 2020, 99, 103082.	2.3	26
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1105	Reduced <i>O</i> -GlcNAcylation and tubular hypoxia contribute to the antifibrotic effect of SGLT2 inhibitor dapagliflozin in the diabetic kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, F1017-F1029.	1.3	30
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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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1388	MicroCT Imaging of Heart Valve Tissue in Fluid. <i>Experimental Mechanics</i> , 2021, 61, 253-261.	1.1	2
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#	ARTICLE	IF	CITATIONS
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1808	Study of the capacity of poly(N-vinylcarbazole) derivatives to form honeycomb-like patterns. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50975.	1.3	1
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1816	Development of probabilistic primary water stress corrosion cracking initiation model for alloy 182 welds considering thermal aging and cold work effects. <i>Nuclear Engineering and Technology</i> , 2021, 53, 1909-1923.	1.1	7
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1818	Genetic and morphological estimates of androgen exposure predict social deficits in multiple neurodevelopmental disorder cohorts. <i>Molecular Autism</i> , 2021, 12, 43.	2.6	4
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1829	Integrative analysis of histomorphology, transcriptome and whole genome resequencing identified DIO2 gene as a crucial gene for the protuberant knob located on forehead in geese. <i>BMC Genomics</i> , 2021, 22, 487.	1.2	5
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1838	Proteasomal degradation of p130 facilitate cell cycle deregulation and impairment of cellular differentiation in high-risk Human Papillomavirus 16 and 18 E7 transfected cells. <i>Molecular Biology Reports</i> , 2021, 48, 5121-5133.	1.0	4
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1843	Lipid raft integrity is required for human leukemia Jurkat T-cell migratory activity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158917.	1.2	8
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1863	Experimental study of SRT scrubbing model in water coolant pool. <i>Nuclear Engineering and Design</i> , 2021, 377, 111130.	0.8	3
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1870	Treadmilling and dynamic protrusions in fire ant rafts. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210213.	1.5	12
1871	BACH1 Binding Links the Genetic Risk for Severe Periodontitis with <i>ST8SIA1</i> . <i>Journal of Dental Research</i> , 2022, 101, 93-101.	2.5	5
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1878	<i>Buchholzia coriacea</i> seed (wonderful kolanut) alleviates insulin resistance, steatosis, inflammation and oxidative stress in high fat diet model of fatty liver disease. <i>Journal of Food Biochemistry</i> , 2022, 46, e13836.	1.2	3
1879	Crenobiont, stygophile and stygobiont molluscs in the hydrographic area of the Trebišnjica River Basin. <i>ZooKeys</i> , 2021, 1047, 61-89.	0.5	6
1880	Electric bias-induced edge degradation of few-layer MoS ₂ devices. <i>Materials Today: Proceedings</i> , 2021, , .	0.9	0
1881	Controlled spawning and rearing of the sea cucumber, <i>Parastichopus tremulus</i> . <i>Journal of the World Aquaculture Society</i> , 2022, 53, 224-240.	1.2	11
1882	Exposure duration modulates the response of Caribbean corals to global change stressors. <i>Limnology and Oceanography</i> , 2021, 66, 3100-3115.	1.6	9
1883	Sonoelectrochemical Synthesis of Antibacterial Active Silver Nanoparticles in Rhamnolipid Solution. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-9.	1.0	9
1885	Quantitative Analysis of Adipose Depots by Using Chest CT and Associations with All-Cause Mortality in Chronic Obstructive Pulmonary Disease: Longitudinal Analysis from MESA Arthritis Ancillary Study. <i>Radiology</i> , 2021, 299, 703-711.	3.6	26
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1887	Translocation of chromatin proteins to nucleoli—The influence of protein dynamics on post-fixation localization. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, 99, 1230-1239.	1.1	5
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1891	Neonatal exposure to monosodium glutamate results in impaired auditory brainstem structure and function. <i>Hearing Research</i> , 2021, 405, 108243.	0.9	4
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1895	Expression and characterization of a thermotolerant and pH-stable hyaluronate lyase from <i>Thermoplasma volcanium</i> DSM22891. <i>Protein Expression and Purification</i> , 2021, 182, 105840.	0.6	5

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1899	Mechanisms of Transforming DNA Uptake to the Periplasm of <i>Bacillus subtilis</i> . <i>MBio</i> , 2021, 12, e0106121.	1.8	15
1900	Assessment of Quality in Osteoporotic Human Trabecular Bone and Its Relationship to Mechanical Properties. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5479.	1.3	6
1901	Cross-Modality Imaging of Murine Tumor Vasculature—a Feasibility Study. <i>Molecular Imaging and Biology</i> , 2021, 23, 874-893.	1.3	7
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1905	Expression and Localization of A β PP in SH-SY5Y Cells Depends on Differentiation State. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 485-491.	1.2	9
1906	A sustainable hydrophobic luffa sponge for efficient removal of oils from water. <i>Sustainable Materials and Technologies</i> , 2021, 28, e00273.	1.7	9
1907	Targeting the Microtubule EB1-CLASP2 Complex Modulates Na ⁺ V _{1.5} at Intercalated Discs. <i>Circulation Research</i> , 2021, 129, 349-365.	2.0	23
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1910	Influence of effective stress and transport on mechanical and chemical alteration processes at the Cement-Caprock interface. <i>International Journal of Greenhouse Gas Control</i> , 2021, 109, 103340.	2.3	3
1911	Photothermal release and recovery of mesenchymal stem cells from substrates functionalized with gold nanorods. <i>Acta Biomaterialia</i> , 2021, 129, 110-121.	4.1	2
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1913	Characterization of the Striatal Extracellular Matrix in a Mouse Model of Parkinson's Disease. <i>Antioxidants</i> , 2021, 10, 1095.	2.2	3
1916	Developmental thyroid disruption causes long-term impacts on immune cell function and transcriptional responses to pathogen in a small fish model. <i>Scientific Reports</i> , 2021, 11, 14496.	1.6	4
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1921	Farklı Tuz Konsantrasyonları Bazı Tatlı Sorghum (<i>Sorghum bicolor</i> var. <i>saccharatum</i> (L.) Mohlenbr.) Yitlerinin Ağız İmleme Özellikleri Üzerine Etkileri. <i>Türkiye Tarımsal Araştırmalar Dergisi</i> , 0, , .	0.5	4
1922	<i>Watanabea</i> green microalgae (Trebouxiophyceae) inhabiting lichen holobiomes: <i>Watanabea lichenicola</i> sp. nova. <i>Phycological Research</i> , 2021, 69, 226-236.	0.8	7
1923	Lattice Boltzmann Modeling of Drying of Porous Media Considering Contact Angle Hysteresis. <i>Transport in Porous Media</i> , 2021, 140, 395-420.	1.2	23
1924	Combining Multiband Imaging, Photogrammetric Techniques, and FOSS GIS for Affordable Degradation Mapping of Stone Monuments. <i>Buildings</i> , 2021, 11, 304.	1.4	9
1925	A conserved role for arrow in posterior axis patterning across Arthropoda. <i>Developmental Biology</i> , 2021, 475, 91-105.	0.9	14
1926	<i>Klebsiella aerogenes</i> and <i>Comamonas testosteroni</i> as bioremoval agents on graffiti-coated concrete and granite: Impact assessment through surface analysis. <i>International Biodeterioration and Biodegradation</i> , 2021, 161, 105244.	1.9	2
1927	Using optogenetics to link myosin patterns to contractile cell behaviors during convergent extension. <i>Biophysical Journal</i> , 2021, 120, 4214-4229.	0.2	12
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1946	Agonistic CD40 therapy induces tertiary lymphoid structures but impairs responses to checkpoint blockade in glioma. <i>Nature Communications</i> , 2021, 12, 4127.	5.8	59
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1952	Ultrasensitive and Selective Protein Recognition with Nanobody-Functionalized Synthetic Nanopores. <i>Small</i> , 2021, 17, e2101066.	5.2	12
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1955	Proteostasis failure and mitochondrial dysfunction leads to aneuploidy-induced senescence. <i>Developmental Cell</i> , 2021, 56, 2043-2058.e7.	3.1	31
1956	Sequestration of Polystyrene Microplastics by Jellyfish Mucus. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	13

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1960	Novel soluble guanylyl cyclase activators increase glomerular cGMP, induce vasodilation and improve blood flow in the murine kidney. <i>British Journal of Pharmacology</i> , 2021, , .	2.7	14
1961	The Impact of Micro Porous Layer on Liquid Water Evolution inside PEMFC using Lattice Boltzmann Method. <i>Journal of the Electrochemical Society</i> , 2021, 168, 074507.	1.3	14
1962	Benthic jellyfish dominate water mixing in mangrove ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	5
1963	In situ observations of the sensory hairs of Antarctic minke whales (<i>Balaenoptera</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	5
1964	LocalZProjector and DeProj: a toolbox for local 2D projection and accurate morphometrics of large 3D microscopy images. <i>BMC Biology</i> , 2021, 19, 136.	1.7	29
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1966	Rec(F/O/R) proteins of the nitrogen-fixing cyanobacterium <i>Nostoc PCC7120</i> : In silico and expression analysis. <i>Gene</i> , 2021, 788, 145663.	1.0	4
1967	A pathogenic HEXA missense variant in wild boars with Tay-Sachs disease. <i>Molecular Genetics and Metabolism</i> , 2021, 133, 297-306.	0.5	2
1968	Imitation cheese – New insights to relations between microstructure and functionality. <i>Food Structure</i> , 2021, 29, 100206.	2.3	6
1969	Huntingtin fibrils with different toxicity, structure, and seeding potential can be interconverted. <i>Nature Communications</i> , 2021, 12, 4272.	5.8	25
1971	Jin Shofu Starch Nanoparticles for the Consolidation of Modern Paintings. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 37924-37936.	4.0	11
1972	Smart data driven defect detection method for surface quality control in manufacturing. <i>Measurement Science and Technology</i> , 2021, 32, 105403.	1.4	6
1973	<i>Bacillus megaterium</i> strain WW1211 promotes plant growth and lateral root initiation via regulation of auxin biosynthesis and redistribution. <i>Plant and Soil</i> , 2021, 466, 491-504.	1.8	13
1974	A new strategy to uncover fragile X proteomic biomarkers using the nascent proteome of peripheral blood mononuclear cells (PBMCs). <i>Scientific Reports</i> , 2021, 11, 15148.	1.6	4
1975	FERONIA receptor kinase-regulated reactive oxygen species mediate self-incompatibility in <i>Brassica rapa</i> . <i>Current Biology</i> , 2021, 31, 3004-3016.e4.	1.8	63
1976	Rapid Capture of Cancer Extracellular Vesicles by Lipid Patch Microarrays. <i>Advanced Materials</i> , 2021, 33, e2008493.	11.1	43

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1977	Short-Term, Equipment-Free High Intensity Interval Training Elicits Significant Improvements in Cardiorespiratory Fitness Irrespective of Supervision in Early Adulthood. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 697518.	0.9	2
1978	Stealth Effect of Short Polyoxazolines in Graft Copolymers: Minor Changes of Backbone End Group Determine Liver Cell-Type Specificity. <i>ACS Nano</i> , 2021, 15, 12298-12313.	7.3	17
1979	PspA adopts an ESCRT-III-like fold and remodels bacterial membranes. <i>Cell</i> , 2021, 184, 3674-3688.e18.	13.5	51
1980	Immunization of chicken with flagellin adjuvanted <i>Salmonella enteritidis</i> bacterial ghosts confers complete protection against chicken salmonellosis. <i>Poultry Science</i> , 2021, 100, 101205.	1.5	12
1981	Novel FOXM1 inhibitor identified via gene network analysis induces autophagic FOXM1 degradation to overcome chemoresistance of human cancer cells. <i>Cell Death and Disease</i> , 2021, 12, 704.	2.7	19
1982	Host-associated microbe PCR (hamPCR) enables convenient measurement of both microbial load and community composition. <i>ELife</i> , 2021, 10, .	2.8	24
1983	Mechano-induced cell metabolism promotes microtubule glutamylation to force metastasis. <i>Cell Metabolism</i> , 2021, 33, 1342-1357.e10.	7.2	66
1984	Concerted evolution of body mass, cell size and metabolic rate among carabid beetles. <i>Journal of Insect Physiology</i> , 2021, 132, 104272.	0.9	15
1985	Effects of Urban Hydrology on Plastic Transport in a Subtropical River. <i>ACS ES&T Water</i> , 2021, 1, 1714-1727.	2.3	22
1986	A survey on applications of deep learning in microscopy image analysis. <i>Computers in Biology and Medicine</i> , 2021, 134, 104523.	3.9	69
1987	Similarities and differences between IL11 and IL11RA1 knockout mice for lung fibro-inflammation, fertility and craniosynostosis. <i>Scientific Reports</i> , 2021, 11, 14088.	1.6	26
1989	Quantitative analysis of feedstock structural properties can help to produce willow biochar with homogenous pore system. <i>Industrial Crops and Products</i> , 2021, 166, 113475.	2.5	7
1990	X-ray computed tomography for non-invasive dendrochronology reveals a concealed double panelling on a painting from Rubens's studio. <i>PLoS ONE</i> , 2021, 16, e0255792.	1.1	6
1991	A quality optimization approach to image Achilles tendon microstructure by phase-contrast enhanced synchrotron micro-tomography. <i>Scientific Reports</i> , 2021, 11, 17313.	1.6	18
1992	Interactive analysis for large volume data from fluorescence microscopy at cellular precision. <i>Computers and Graphics</i> , 2021, 98, 138-149.	1.4	1
1993	A new insight into mechanisms of interferon alpha neurotoxicity: Expression of GRIN3A subunit of NMDA receptors and NMDA-evoked exocytosis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 110, 110317.	2.5	4
1994	The Effect of Plant Growth Promoting Rhizobacteria on Root Growth in Bread Wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 100	0.1	0
1995	Palynology of the Early to Middle Devonian Pescado Formation, Subandean Range, Salta Province, Argentina. <i>Ameghiniana</i> , 2021, 58, .	0.3	1

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1996	Fatty acid chain length drives lysophosphatidylserine-dependent immunological outputs. <i>Cell Chemical Biology</i> , 2021, 28, 1169-1179.e6.	2.5	18
1997	Deuterium MRS of early treatment-induced changes in tumour lactate in vitro. <i>NMR in Biomedicine</i> , 2021, 34, e4599.	1.6	1
1998	Improving the discharge of capacitive granules in a moving bed reactor. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105556.	3.3	3
1999	Multilayer fibroin/chitosan oligosaccharide lactate and pullulan immunomodulatory patch for treatment of hernia and prevention of intraperitoneal adhesion. <i>Carbohydrate Polymers</i> , 2021, 265, 118066.	5.1	8
2000	Unlocking Pharmacological and Therapeutic Potential of Hyacinth Bean (<i>Lablab purpureus</i> L.): Role of OMICS Based Biology, Biotic and Abiotic Elicitors. , 0, , .		2
2001	Transcription-mediated supercoiling regulates genome folding and loop formation. <i>Molecular Cell</i> , 2021, 81, 3065-3081.e12.	4.5	57
2002	Effects of process parameters on bead shape, microstructure, and mechanical properties in wire + arc additive manufacturing of Al _{0.1} CoCrFeNi high-entropy alloy. <i>Journal of Manufacturing Processes</i> , 2021, 68, 1314-1327.	2.8	30
2003	Widely used charcoal analysis method in paleo studies involving NaOCl results in loss of charcoal formed below 400°C. <i>Holocene</i> , 2022, 32, 1358-1362.	0.9	10
2004	Shaping the second-growth forest: fine-scale land use change in the Ohio Valley over 120 years. <i>Landscape Ecology</i> , 2021, 36, 3507-3521.	1.9	6
2005	The effects of despeckling filters on pore size measurements in collagen scaffold micro-CT data. <i>Journal of Microscopy</i> , 2021, 284, 142-156.	0.8	1
2006	TCMacro: A Simple and Robust ImageJ-Based Method for Automated Measurement of Tail Coiling Activity in Zebrafish. <i>Biomolecules</i> , 2021, 11, 1133.	1.8	4
2007	Sub-lethal Camphor Exposure Triggers Oxidative Stress, Cardiotoxicity, and Cardiac Physiology Alterations in Zebrafish Embryos. <i>Cardiovascular Toxicology</i> , 2021, 21, 901-913.	1.1	5
2008	3D assessment of intervertebral disc degeneration in zebrafish identifies changes in bone density that prime disc disease. <i>Bone Research</i> , 2021, 9, 39.	5.4	31
2009	Which factors determine the long-term effect of poor early-life nutrition? A meta-analytic review. <i>Ecosphere</i> , 2021, 12, e03694.	1.0	3
2010	The antioxidant role of STAT3 in methylmercury-induced toxicity in mouse hypothalamic neuronal GT1-7 cell line. <i>Free Radical Biology and Medicine</i> , 2021, 171, 245-259.	1.3	7
2011	Cushion bog plant community responses to passive warming in southern Patagonia. <i>Biogeosciences</i> , 2021, 18, 4817-4839.	1.3	3
2012	<i>Hyaloklossia</i> Labb, 1896 (Alveolata: Apicomplexa) in frogs: Description of a new species and proposing a new subfamily to accommodate these enigmatic parasites. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2021, 15, 199-207.	0.6	2
2013	Impact on reproductive performance and body condition in a small limpet parasitized by a large castrator pea crab. <i>Journal of Morphology</i> , 2021, 282, 1604-1615.	0.6	0

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2014	LLAMA: a robust and scalable machine learning pipeline for analysis of large scale 4D microscopy data: analysis of cell ruffles and filopodia. <i>BMC Bioinformatics</i> , 2021, 22, 410.	1.2	2
2015	Palynology of a short sequence of the Lower Devonian Beartooth Butte Formation at Cottonwood Canyon (Wyoming): age, depositional environments and plant diversity. <i>Papers in Palaeontology</i> , 2021, 7, 2183.	0.7	4
2017	Metformin Prevents Hyperglycemia-Associated, Oxidative Stress-Induced Vascular Endothelial Dysfunction: Essential Role for the Orphan Nuclear Receptor Human Nuclear Receptor 4A1 (Nur77). <i>Molecular Pharmacology</i> , 2021, 100, 428-455.	1.0	17
2018	Combining tunable proteolytic sequences and a VEGF-mimetic peptide for the spatiotemporal control of angiogenesis within Elastin-Like Recombinamer scaffolds. <i>Acta Biomaterialia</i> , 2021, 130, 149-160.	4.1	13
2019	The Effect of Serotonin Receptor 5-HT1B on Lateral Inhibition between Spiny Projection Neurons in the Mouse Striatum. <i>Journal of Neuroscience</i> , 2021, 41, 7831-7847.	1.7	3
2020	pUL121 is a viral phosphatase adaptor that promotes herpes simplex virus replication and spread. <i>PLoS Pathogens</i> , 2021, 17, e1009824.	2.1	19
2021	In vivo and in vitro studies evaluating the chemopreventive effect of metformin on the aryl hydrocarbon receptor-mediated breast carcinogenesis. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7396-7403.	1.8	3
2022	Modulatory effect of <i>Artocarpus camansi</i> on ILP-2, InR, and Imp-L2 genes of sucrose induced diabetes mellitus in <i>Drosophila melanogaster</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 246, 109041.	1.3	2
2023	Growth responses of ectomycorrhizal and arbuscular mycorrhizal seedlings to low soil nitrogen availability in a tropical montane forest. <i>Functional Ecology</i> , 2022, 36, 107-119.	1.7	7
2024	Flow-dependent regulation of endothelial Tie2 by GATA3 in vivo. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 38.	0.9	4
2025	Using Paleoecological Data to Inform the Conservation Strategy for Floristic Diversity and Isoetes taiwanensis in Northern Taiwan. <i>Diversity</i> , 2021, 13, 395.	0.7	3
2026	Ultrasonographic Assessment of the Normal Femoral Articular Cartilage of the Knee Joint: Comparison with 3D MRI. <i>Scientific World Journal, The</i> , 2021, 2021, 1-6.	0.8	4
2028	Unexpected organellar locations of ESCRT machinery in <i>Giardia intestinalis</i> and complex evolutionary dynamics spanning the transition to parasitism in the lineage Fornicata. <i>BMC Biology</i> , 2021, 19, 167.	1.7	8
2029	Combined effects of climate change and the herbicide diuron on the coral <i>Acropora millepora</i> . <i>Marine Pollution Bulletin</i> , 2021, 169, 112582.	2.3	14
2030	Tissue clearing and 3D imaging " putting immune cells into context. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	6
2031	Leaf structure of <i>Tillandsia</i> species (Tillandsioideae: Bromeliaceae) by light microscopy and scanning electron microscopy. <i>Microscopy Research and Technique</i> , 2022, 85, 253-269.	1.2	5
2032	<i>Caenorhabditis elegans</i> DSB-3 reveals conservation and divergence among protein complexes promoting meiotic double-strand breaks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	23
2033	Field assessment of a pulse width modulation (PWM) spray system applying different spray volumes: duty cycle and forward speed effects on vines spray coverage. <i>Precision Agriculture</i> , 2022, 23, 219-252.	3.1	34

#	ARTICLE	IF	CITATIONS
2034	Landscape of Bone Marrow Metastasis in Human Neuroblastoma Unraveled by Transcriptomics and Deep Multiplex Imaging. <i>Cancers</i> , 2021, 13, 4311.	1.7	19
2035	Relationship of Topographic Distribution of Geographic Atrophy to Visual Acuity in Nonexudative Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2021, 5, 761-774.	1.2	14
2036	NanoSIMS analysis of hydrogen and deuterium in metallic alloys: Artefacts and best practice. <i>Applied Surface Science</i> , 2021, 557, 149736.	3.1	11
2037	Technological aspects of xanthan gum and gum Arabic presence in chicken egg albumin wet foams: Application of nonlinear rheology and nonparametric statistics. <i>Food Hydrocolloids</i> , 2021, 117, 106683.	5.6	8
2038	Using clustering algorithms for identification of fish oocyte cohorts based on the characteristics of cytoplasmic structures. <i>Theriogenology</i> , 2021, 170, 46-53.	0.9	1
2039	A new straightforward method for semi-automated segmentation of trabecular bone from cortical bone in diverse and challenging morphologies. <i>Royal Society Open Science</i> , 2021, 8, 210408.	1.1	5
2040	SIROF stabilized PEDOT/PSS allows biocompatible and reversible direct current stimulation capable of driving electrotaxis in cells. <i>Biomaterials</i> , 2021, 275, 120949.	5.7	19
2041	Enhanced genome editing efficiency of CRISPR PLUS: Cas9 chimeric fusion proteins. <i>Scientific Reports</i> , 2021, 11, 16199.	1.6	12
2042	Growth hormone alters gross anatomy and morphology of the small and large intestines in age- and sex-dependent manners. <i>Pituitary</i> , 2022, 25, 116-130.	1.6	7
2043	Controlled single and repeated impact testing for material plastic behaviour characterisation under high strain rates. <i>Strain</i> , 2021, 57, e12399.	1.4	1
2044	A fast, nondestructive method for the detection of disease-related lesions and wounded leaves. <i>BioTechniques</i> , 2021, 71, 425-430.	0.8	5
2045	Arhgef2 regulates mitotic spindle orientation in hematopoietic stem cells and is essential for productive hematopoiesis. <i>Blood Advances</i> , 2021, 5, 3120-3133.	2.5	2
2046	Characterizing Canopy Openness Across Large Forested Landscapes Using Spherical Densimeter and Smartphone Hemispherical Photography. <i>Journal of Forestry</i> , 2022, 120, 37-50.	0.5	7
2047	Fluence enhancement of a 4 MeV-C4+ ion beam transmitted through a cylindrical glass channel after charging. <i>Japanese Journal of Applied Physics</i> , 2021, 60, 096003.	0.8	0
2048	Comparing Automated Morphology Quantification Software on Dendrites of Uninjured and Injured <i>Drosophila</i> Neurons. <i>Neuroinformatics</i> , 2021, 19, 703-717.	1.5	4
2049	Mutations in the transcription factor FOXO1 mimic positive selection signals to promote germinal center B cell expansion and lymphomagenesis. <i>Immunity</i> , 2021, 54, 1807-1824.e14.	6.6	12
2050	Anthropogenic Microparticles: Coastal Distribution in the Southern Mexican Pacific Coast. <i>Thalassas</i> , 2021, 37, 917-926.	0.1	2
2051	Quantitative susceptibility mapping in ischemic stroke patients after successful recanalization. <i>Scientific Reports</i> , 2021, 11, 16038.	1.6	3

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2052	Characterisation of microplastics and unicellular algae in seawater by targeting carbon via single particle and single cell ICP-MS. <i>Analytica Chimica Acta</i> , 2021, 1174, 338737.	2.6	30
2053	Processing, Preaging, and Aging of NiTi-20 at.% Hf High-Temperature Shape Memory Alloy from Laboratory to Industrial Scale. <i>Shape Memory and Superelasticity</i> , 2021, 7, 447-457.	1.1	1
2054	Carbon allocation dynamics in conifers and broadleaved tree species revealed by pulse labeling and mass balance. <i>Forest Ecology and Management</i> , 2021, 493, 119258.	1.4	18
2055	Characterization of Sodium Alginate Hydrogels Reinforced with Nanoparticles of Hydroxyapatite for Biomedical Applications. <i>Polymers</i> , 2021, 13, 2927.	2.0	18
2056	Seed Rate and Cultivar Effect on Contribution of <i>Vicia sativa</i> L. Green Manure to Soil Amendment under Mediterranean Conditions. <i>Agriculture (Switzerland)</i> , 2021, 11, 733.	1.4	4
2057	Resistance Correlations Influence Infection by Foreign Pathogens. <i>American Naturalist</i> , 2021, 198, 206-218.	1.0	4
2058	Parsing a plethora of pollen: the role of pollen size and shape in the evolution of Boraginaceae. <i>Cladistics</i> , 2022, 38, 204-226.	1.5	2
2059	Fast Leaps between Millisecond Confinements Govern Ase1 Diffusion along Microtubules. <i>Small Methods</i> , 2021, 5, e2100370.	4.6	3
2060	Formation of chondrule analogs aboard the International Space Station. <i>Meteoritics and Planetary Science</i> , 2021, 56, 1669-1684.	0.7	2
2061	New Extensibility and Scripting Tools in the ImageJ Ecosystem. <i>Current Protocols</i> , 2021, 1, e204.	1.3	3
2062	The effects of bone morphogenetic protein 2 and thrombopoietin treatment on angiogenic properties of endothelial cells derived from the lung and bone marrow of young and aged, male and female mice. <i>FASEB Journal</i> , 2021, 35, e21840.	0.2	7
2063	Reduction of Derlin activity suppresses Notch-dependent tumours in the <i>C. elegans</i> germ line. <i>PLoS Genetics</i> , 2021, 17, e1009687.	1.5	2
2064	Tenascin-C expression in the lymph node pre-metastatic niche in muscle-invasive bladder cancer. <i>British Journal of Cancer</i> , 2021, 125, 1399-1407.	2.9	21
2065	Metabolic Cost of the Immune Response During Early Ontogeny of the Scallop <i>Argopecten purpuratus</i> . <i>Frontiers in Physiology</i> , 2021, 12, 718467.	1.3	8
2066	The evolution of slate microfabrics during progressive accretion of foreland basin sediments. <i>Journal of Structural Geology</i> , 2021, 150, 104404.	1.0	8
2068	Deregulated Rac1 Activity in Neural Crest Controls Cell Proliferation, Migration and Differentiation During Midbrain Development. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 704769.	1.8	4
2069	The establishment of variant surface glycoprotein monoallelic expression revealed by single-cell RNA-seq of <i>Trypanosoma brucei</i> in the tsetse fly salivary glands. <i>PLoS Pathogens</i> , 2021, 17, e1009904.	2.1	29
2070	Evolution of a remarkable intracellular polymer and extreme cell allometry in hagfishes. <i>Current Biology</i> , 2021, 31, 5062-5068.e4.	1.8	2

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2072	The Warburg effect is necessary to promote glycosylation in the blastema during zebrafish tail regeneration. <i>Npj Regenerative Medicine</i> , 2021, 6, 55.	2.5	28
2073	Simultaneous Exposure to Intracellular and Extracellular Photosensitizers for the Treatment of <i>Staphylococcus aureus</i> Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0091921.	1.4	4
2074	Visualizing murine breast and melanoma tumor microenvironment using intravital multiphoton microscopy. <i>STAR Protocols</i> , 2021, 2, 100722.	0.5	4
2075	Non-targeting control for MISSION shRNA library silences SNRPD3 leading to cell death or permanent growth arrest. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 711-731.	2.3	6
2076	The Gut Microbiota Protects Bees from Invasion by a Bacterial Pathogen. <i>Microbiology Spectrum</i> , 2021, 9, e0039421.	1.2	40
2077	Competition-based screening helps to secure the evolutionary stability of a defensive microbiome. <i>BMC Biology</i> , 2021, 19, 205.	1.7	10
2078	Whole Specimen Analysis of Lead Chalcogenide Nanostructure Morphologies: Implications for Alternative Energy Generation. <i>ACS Applied Nano Materials</i> , 0, , .	2.4	0
2079	Method comparison of indirect assessments of understory leaf area index (LAI): A case study across the extended network of ICOS forest ecosystem sites in Europe. <i>Ecological Indicators</i> , 2021, 128, 107841.	2.6	12
2080	Patterns of differentiation of renin lineage cells during nephrogenesis. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, F378-F388.	1.3	1
2081	Gene Mining for Conserved, Non-Annotated Proteins of <i>Podosphaera xanthii</i> Identifies Novel Target Candidates for Controlling Powdery Mildews by Spray-Induced Gene Silencing. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 735.	1.5	10
2082	Myogenic contractions of a somatic muscle powers rhythmic flow of hemolymph through <i>Drosophila antennae</i> and generates brain pulsations. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	1
2083	Deep Learning of Histopathology Images at the Single Cell Level. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 754641.	2.0	26
2084	Simple, inexpensive and RNase-free purification of plasmid DNA by fractional precipitation with isopropanol. <i>BioTechniques</i> , 2021, 71, 490-494.	0.8	0
2085	Evaluation of Effects of Ractopamine on Cardiovascular, Respiratory, and Locomotory Physiology in Animal Model Zebrafish Larvae. <i>Cells</i> , 2021, 10, 2449.	1.8	6
2087	Two centuries of breeding has altered root system architecture of winter wheat. <i>Rhizosphere</i> , 2021, 19, 100411.	1.4	14
2088	Estimating parameters of a stochastic cell invasion model with fluorescent cell cycle labelling using approximate Bayesian computation. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210362.	1.5	9
2089	Integrating In Situ x-Ray Imaging, Energy Dispersive Spectroscopy, and Calculated Phase Diagram Analysis of Solute Segregation During Solidification of an Al-Ag Alloy. <i>Jom</i> , 0, , 1.	0.9	0
2090	Petrology and geochemistry of lunar feldspathic meteorite Northwest Africa 11111: Insights into the lithology of the lunar farside highlands. <i>Meteoritics and Planetary Science</i> , 2021, 56, 1829.	0.7	1

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2092	Image-guided MALDI mass spectrometry for high-throughput single-organelle characterization. <i>Nature Methods</i> , 2021, 18, 1233-1238.	9.0	51
2093	Abnormal dendritic morphology in the cerebellum of cyclooxygenase-2 knockin mice. <i>European Journal of Neuroscience</i> , 2021, 54, 6355-6373.	1.2	4
2094	Structural, morphological properties and phase stabilisation criteria of the calcia-zirconia system. <i>Advances in Applied Ceramics</i> , 2021, 120, 307-318.	0.6	6
2095	Plumbagin induces testicular damage via mitochondrial-dependent cell death. <i>Chemico-Biological Interactions</i> , 2021, 347, 109582.	1.7	6
2096	Chitosan-Coated PLGA Nanoparticles Loaded with Peganum harmala Alkaloids with Promising Antibacterial and Wound Healing Activities. <i>Nanomaterials</i> , 2021, 11, 2438.	1.9	32
2097	Analysis of Nuclear-Cytoplasmic Redistribution of Actin-Binding Protein Alpha-Actinin-4 and Signaling Protein RhoA in the Process of Replicative Senescence of Human Epicardial Adipose Tissue-Derived ADH-MS-C Cell Line. <i>Cell and Tissue Biology</i> , 2021, 15, 465-472.	0.2	3
2098	Isolation and endemism in subterranean aquatic snails: unexpected case of <i>Montenegrospeum bogici</i> (Peñalver et al., 2012) (Gastropoda: Truncatelloidea: Hydrobiidae). <i>Hydrobiologia</i> , 2021, 848, 4967-4990.	1.0	7
2099	A maize leucine-rich repeat receptor-like protein kinase mediates responses to fungal attack. <i>Planta</i> , 2021, 254, 73.	1.6	5
2101	Seminal fluid and sperm diluent affect sperm metabolism in an insect: Evidence from NAD(P)H and flavin adenine dinucleotide autofluorescence lifetime imaging. <i>Microscopy Research and Technique</i> , 2022, 85, 398-411.	1.2	2
2102	Associations of systemic health and medication use with the enlargement rate of geographic atrophy in age-related macular degeneration. <i>British Journal of Ophthalmology</i> , 2021, , bjophthalmol-2021-319426.	2.1	2
2103	Coating of cochlear implant electrodes with bioactive DNA-loaded calcium phosphate nanoparticles for the local transfection of stimulatory proteins. <i>Biomaterials</i> , 2021, 276, 121009.	5.7	7
2105	MotilityJ: An open-source tool for the classification and segmentation of bacteria on motility images. <i>Computers in Biology and Medicine</i> , 2021, 136, 104673.	3.9	9
2106	Spatial mapping reveals human adipocyte subpopulations with distinct sensitivities to insulin. <i>Cell Metabolism</i> , 2021, 33, 1869-1882.e6.	7.2	92
2107	Activation of mTORC1 and c-Jun by Prohibitin1 loss in Schwann cells may link mitochondrial dysfunction to demyelination. <i>ELife</i> , 2021, 10, .	2.8	15
2108	Functional independence of endogenous μ - and δ -opioid receptors co-expressed in cholinergic interneurons. <i>ELife</i> , 2021, 10, .	2.8	9
2109	Control of vein-forming, striped gene expression by auxin signaling. <i>BMC Biology</i> , 2021, 19, 213.	1.7	6
2110	eHooke: A tool for automated image analysis of spherical bacteria based on cell cycle progression. <i>Biological Imaging</i> , 2021, 1, e3.	1.0	11

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2113	Altered stress hormone levels affect in vivo vascular function in the hAPP23+/- overexpressing mouse model of Alzheimer's disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H905-H919.	1.5	2
2115	Pistil Mating Type and Morphology Are Mediated by the Brassinosteroid Inactivating Activity of the S-Locus Gene BAHD in Heterostylous <i>Turnera</i> Species. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10603.	1.8	15
2116	RecA finds homologous DNA by reduced dimensionality search. <i>Nature</i> , 2021, 597, 426-429.	13.7	45
2117	The Effects of COVID-19 on the Placenta During Pregnancy. <i>Frontiers in Immunology</i> , 2021, 12, 743022.	2.2	39
2118	Silica-coated calcium phosphate nanoparticles for gene silencing of NF- κ B p65 by siRNA and their impact on cellular players of inflammation. <i>Biomaterials</i> , 2021, 276, 121013.	5.7	14
2119	Magnetic and optical properties of green synthesized nickel ferrite nanoparticles and its application into photocatalysis. <i>Nanotechnology</i> , 2021, 32, 505725.	1.3	9
2120	Investigations of the incident light angle effect on the organic photovoltaics devices performance using varied acceptor ratio. <i>Physica Scripta</i> , 2021, 96, 125509.	1.2	0
2122	Olivocochlear Changes Associated With Aging Predominantly Affect the Medial Olivocochlear System. <i>Frontiers in Neuroscience</i> , 2021, 15, 704805.	1.4	7
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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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