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Citation Report

#	ARTICLE	IF	CITATIONS
101	Continuous nondestructive monitoring of <i>Bordetella pertussis</i> biofilms by Fourier transform infrared spectroscopy and other corroborative techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1759-1767.	1.9	47
102	Thermal Decay and Reversal of Exchange Bias Field of CoFe/PtMn Bilayer after Ga + Irradiation. <i>Chinese Physics Letters</i> , 2011, 28, 057502.	1.3	0
103	Aquaporin-9 and urea transporter-A gene deletions affect urea transmembrane passage in murine hepatocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G1279-G1287.	1.6	34
104	The KEEP ON GOING Protein of <i>Arabidopsis</i> Regulates Intracellular Protein Trafficking and Is Degraded during Fungal Infection. <i>Plant Cell</i> , 2012, 24, 4717-4730.	3.1	85
105	BMP-dependent serosa and amnion specification in the scuttle fly <i>Megaselia abdita</i> . <i>Development (Cambridge)</i> , 2012, 139, 3373-3382.	1.2	47
106	Substratum Topography Modulates Corneal Fibroblast to Myofibroblast Transformation. , 2012, 53, 811.		69
107	Second harmonic generation reveals matrix alterations during breast tumor progression. <i>Journal of Biomedical Optics</i> , 2012, 18, 031106.	1.4	76
108	Mitigation of extreme ultraviolet mask defects by pattern shifting: Method and statistics. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2012, 30, 051605.	0.6	11
109	The Potassium Channel Interacting Protein 3 (DREAM/KChIP3) Heterodimerizes with and Regulates Calmodulin Function. <i>Journal of Biological Chemistry</i> , 2012, 287, 39439-39448.	1.6	14
110	Functional Analysis of Missense Mutations in Kv8.2 Causing Cone Dystrophy with Supernormal Rod Electroretinogram. <i>Journal of Biological Chemistry</i> , 2012, 287, 43972-43983.	1.6	17
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114	Polypyrimidine Tract Binding Protein Homologs from <i>Arabidopsis</i> Are Key Regulators of Alternative Splicing with Implications in Fundamental Developmental Processes. <i>Plant Cell</i> , 2012, 24, 4360-4375.	3.1	84
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118	Angular Orientation of Nanorods Using Nanophotonic Tweezers. <i>Nano Letters</i> , 2012, 12, 6400-6407.	4.5	30

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1868	A non-cell-autonomous role for Ras signaling in <i>C. elegans</i> neuroblast delamination. <i>Development (Cambridge)</i> , 2014, 141, 4279-4284.	1.2	12
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1943	Inner ear tissue preservation by rapid freezing: Improving fixation by high-pressure freezing and hybrid methods. <i>Hearing Research</i> , 2014, 315, 49-60.	0.9	21
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1960	Measuring localization and diffusion coefficients of basolateral proteins in lateral versus basal membranes using functionalized substrates and kICS analysis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 2404-2411.	1.4	11
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1969	Radiotracer Dose Reduction in Integrated PET/MR: Implications from National Electrical Manufacturers Association Phantom Studies. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1361-1367.	2.8	51
1970	Nanotube liquid crystal elastomers: photomechanical response and flexible energy conversion of layered polymer composites. <i>Nanotechnology</i> , 2014, 25, 355501.	1.3	15
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1987	Selective synthesis of clinoptacumite $\text{Cu}_2(\text{OH})_3\text{Cl}$ and tenorite $\text{CuO}$ nanoparticles by pH control. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	28
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1989	Uncoupling of the dynamics of host-pathogen interaction uncovers new mechanisms of viral interferon antagonism at the single-cell level. <i>Nucleic Acids Research</i> , 2014, 42, e109-e109.	6.5	16
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1991	Abnormal Ras signaling in Costello syndrome (CS) negatively regulates enamel formation. <i>Human Molecular Genetics</i> , 2014, 23, 682-692.	1.4	36
1992	A single locus confers tolerance to continuous light and allows substantial yield increase in tomato. <i>Nature Communications</i> , 2014, 5, 4549.	5.8	83
1993	Super-Resolution Imaging of the Golgi in Live Cells with a Bioorthogonal Ceramide Probe. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10242-10246.	7.2	138
1994	Titanium Hydroxypropyl Cellulose Thin Films for the Detection of Peroxide Vapors. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 10205-10212.	4.0	8
1995	Comparing population level sexual selection in a species with alternative reproductive tactics. <i>Behavioral Ecology</i> , 2014, 25, 1524-1533.	1.0	13
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1998	Anti- <i>Candida albicans</i> biofilm effect of novel heterocyclic compounds. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 416-427.	1.3	33

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2000	The crystal structure of ferritin from <i>Chlorobium tepidum</i> reveals a new conformation of the 4-fold channel for this protein family. <i>Biochimie</i> , 2014, 106, 39-47.	1.3	13
2001	Recurrent modification of floral morphology in heterantherous <i>Solanum</i> reveals a parallel shift in reproductive strategy. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130256.	1.8	40
2002	To glue or not to glue? Reassembling broken otoliths for population discrimination. <i>Journal of Fish Biology</i> , 2014, 84, 1626-1633.	0.7	4
2003	Intracellular glycerol accumulation in light limited <i>Dunaliella tertiolecta</i> culture is determined by partitioning of glycerol across the cell membrane. <i>FEMS Microbiology Letters</i> , 2014, 357, n/a-n/a.	0.7	3
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2005	To each its own: Thermoregulatory strategy varies among neonatal polar phocids. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2014, 178, 59-67.	0.8	19
2006	Cold Response in <i>Phalaenopsis</i> aphrodite and Characterization of PaCBF1 and PaICE1. <i>Plant and Cell Physiology</i> , 2014, 55, 1623-1635.	1.5	29
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2009	The S-G2 phase enriched $\beta$ -catenin/TCF complex ensures cell survival and cell cycle progression. <i>Journal of Cell Science</i> , 2014, 127, 4833-45.	1.2	21
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4992	Prolonged treatment with 3-isobutyl-1-methylxanthine improves the efficiency of differentiating 3T3-L1 cells into adipocytes. <i>Analytical Biochemistry</i> , 2016, 507, 18-20.	1.1	8
4993	Computational model-informed design and bioprinting of cell-patterned constructs for bone tissue engineering. <i>Biofabrication</i> , 2016, 8, 025009.	3.7	44
4994	Comparative Plasmodium gene overexpression reveals distinct perturbation of sporozoite transmission by profilin. <i>Molecular Biology of the Cell</i> , 2016, 27, 2234-2244.	0.9	9
4995	Experimental temperature cycling as a powerful tool to enlarge melt pools and crystals at magma storage conditions. <i>American Mineralogist</i> , 2016, 101, 960-969.	0.9	17
4996	Visible and Near-Infrared (VNIR) reflectance spectroscopy of glassy igneous material: Spectral variation, retrieving optical constants and particle sizes by Hapke model. <i>Icarus</i> , 2016, 266, 267-278.	1.1	15
4997	Frac sand crushing characteristics and morphology changes under high compressive stress and implications for sand pack permeability. <i>Canadian Geotechnical Journal</i> , 2016, 53, 1412-1423.	1.4	56
4998	Focus on Bio-Image Informatics. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2016, , .	1.0	13
4999	Insights into the functionality and stability of designer cellulosomes at elevated temperatures. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8731-8743.	1.7	20
5000	The Size of Activating and Inhibitory Killer Ig-like Receptor Nanoclusters Is Controlled by the Transmembrane Sequence and Affects Signaling. <i>Cell Reports</i> , 2016, 15, 1957-1972.	2.9	54
5001	Optimal parameters for laccase-mediated destaining of Coomassie Brilliant Blue R-250-stained polyacrylamide gels. <i>Data in Brief</i> , 2016, 7, 1-7.	0.5	5
5002	The association of insular stroke with lesion volume. <i>NeuroImage: Clinical</i> , 2016, 11, 41-45.	1.4	30
5003	Efficacy of Topical Treatments for <i>Chrysaora chinensis</i> Species: A Human Model in Comparison with an In Vitro Model. <i>Wilderness and Environmental Medicine</i> , 2016, 27, 25-38.	0.4	10
5004	Unique Characteristics of Recombinant Hybrid Manganese Superoxide Dismutase from <i>Staphylococcus equorum</i> and <i>S. saprophyticus</i> . <i>Protein Journal</i> , 2016, 35, 136-144.	0.7	12
5005	Sulcal pattern, extension, and morphology of the precuneus in adult humans. <i>Annals of Anatomy</i> , 2016, 208, 85-93.	1.0	24
5006	Population differentiation and countergradient variation throughout the geographic range in the fern gametophyte <i>Vittaria appalachiana</i> . <i>American Journal of Botany</i> , 2016, 103, 86-98.	0.8	24
5007	Models of Oxygen Induced Retinopathy in Rodents. <i>Methods in Molecular Biology</i> , 2016, 1430, 317-332.	0.4	9
5008	Extracellular mtDNA activates NF- $\kappa$ B via toll-like receptor 9 and induces cell death in cardiomyocytes. <i>Basic Research in Cardiology</i> , 2016, 111, 42.	2.5	79
5009	Internal barrier layer capacitor, nearest neighbor hopping, and variable range hopping conduction in Ba $_{1-x}$ Sr $_x$ TiO $_3$ nanoceramics. <i>Journal of Materials Science</i> , 2016, 51, 7440-7450.	1.7	11



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5011	Critical role of lysosomes in the dysfunction of human Cardiac Stem Cells obtained from failing hearts. <i>International Journal of Cardiology</i> , 2016, 216, 140-150.	0.8	16
5012	Coupling of glutamate and glucose uptake in cultured Bergmann glial cells. <i>Neurochemistry International</i> , 2016, 98, 72-81.	1.9	14
5013	Modeling fibrosis using fibroblasts isolated from scarred rat vocal folds. <i>Laboratory Investigation</i> , 2016, 96, 807-816.	1.7	17
5015	Aptamers that bind specifically to human KPNA2 (importin- $\beta$ 1) and efficiently interfere with nuclear transport. <i>Journal of Biochemistry</i> , 2016, 160, 259-268.	0.9	8
5016	A body-sized phantom for evaluation of diffusion-weighted MRI data using conventional, readout-segmented, and zoomed echo-planar sequences. <i>Acta Radiologica</i> , 2016, 57, 947-954.	0.5	3
5017	Stability of platinum nanoparticles supported on surface-treated carbon black. <i>Applied Catalysis B: Environmental</i> , 2016, 189, 219-225.	10.8	18
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5019	Organelle-Targeted H <sub>2</sub> S Probes Enable Visualization of the Subcellular Distribution of H <sub>2</sub> S Donors. <i>Analytical Chemistry</i> , 2016, 88, 5769-5774.	3.2	58
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5022	The Symbiosis-Related ERN Transcription Factors Act in Concert to Coordinate Rhizobial Host Root Infection. <i>Plant Physiology</i> , 2016, 171, pp.00230.2016.	2.3	48
5023	Loss of BMP receptor type 1A in murine adipose tissue attenuates age-related onset of insulin resistance. <i>Diabetologia</i> , 2016, 59, 1769-1777.	2.9	16
5024	An HTRF based high-throughput screening for discovering chemical compounds that inhibit the interaction between <i>Trypanosoma brucei</i> Pex5p and Pex14p. <i>Biochemistry and Biophysics Reports</i> , 2016, 6, 260-265.	0.7	4
5025	Natural cleaning of the black-lip pearl oyster <i>Pinctada margaritifera</i> by butterflyfishes ( <i>Chaetodon</i> ) in French Polynesia. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 182, 270-273.	0.9	5
5026	CO <sub>2</sub> absorption enhancement by nanoabsorbents in Taylor-Couette absorber. <i>International Journal of Heat and Mass Transfer</i> , 2016, 100, 39-47.	2.5	12
5027	Comparison of three approaches for defining nucleus pulposus and annulus fibrosus on sagittal magnetic resonance images of the lumbar spine. <i>Journal of Orthopaedic Translation</i> , 2016, 6, 34-41.	1.9	14
5028	Morphological Changes, Cadherin Switching, and Growth Suppression in Pancreatic Cancer by GALNT6 Knockdown. <i>Neoplasia</i> , 2016, 18, 265-272.	2.3	27

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5031	Metallurgical and Electrochemical Characterization of the Corrosion of a Mg-Al-Zn Alloy AZ31B-H24 Tungsten Inert Gas Weld: Galvanic Corrosion Between Weld Zones. <i>Corrosion</i> , 2016, 72, 1226-1242.	0.5	18
5032	Seeing Is Believing: Quantifying Is Convincing: Computational Image Analysis in Biology. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2016, 219, 1-39.	1.0	30
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5034	Allantoin accumulation mediated by allantoinase downregulation and transport by Ureide Permease 5 confers salt stress tolerance to Arabidopsis plants. <i>Plant Molecular Biology</i> , 2016, 91, 581-595.	2.0	67
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5036	1400W, a highly selective inducible nitric oxide synthase inhibitor is a potential disease modifier in the rat kainate model of temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2016, 93, 184-200.	2.1	59
5037	New 4-Acyl-1-phenylaminocarbonyl-2-phenylpiperazine Derivatives as Potential Inhibitors of Adenovirus Infection. Synthesis, Biological Evaluation, and Structure-activity Relationships. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 5432-5448.	2.9	26
5038	Oxidative metabolism drives inflammation-induced platinum resistance in human ovarian cancer. <i>Cell Death and Differentiation</i> , 2016, 23, 1542-1554.	5.0	154
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5042	Neutron radiography and tomography facility at IBR-2 reactor. <i>Physics of Particles and Nuclei Letters</i> , 2016, 13, 346-351.	0.1	33
5043	Cytokinin determines thiol-mediated arsenic tolerance and accumulation in <i>Arabidopsis thaliana</i> . <i>Plant Physiology</i> , 2016, 171, pp.00372.2016.	2.3	43
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5046	WISE 2005: Aerobic and resistive countermeasures prevent paraspinal muscle deconditioning during 60-day bed rest in women. <i>Journal of Applied Physiology</i> , 2016, 120, 1215-1222.	1.2	30

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5049	NECAP2 controls clathrin coat recruitment to early endosomes for fast endocytic recycling. <i>Journal of Cell Science</i> , 2016, 129, 2625-37.	1.2	30
5050	MEMO1 drives cranial endochondral ossification and palatogenesis. <i>Developmental Biology</i> , 2016, 415, 278-295.	0.9	16
5051	The study on vascularisation and osteogenesis of BMP/VEGF co-modified tissue engineering bone in vivo. <i>RSC Advances</i> , 2016, 6, 41800-41808.	1.7	10
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5053	Sexing free-ranging adult Cuvier's beaked whales ( <i>Ziphius cavirostris</i> ) using natural marking thresholds and pigmentation patterns. <i>Journal of Mammalogy</i> , 2016, 97, 879-890.	0.6	16
5054	Tyrosine kinase inhibitors target cancer stem cells in renal cell cancer. <i>Oncology Reports</i> , 2016, 35, 1433-1442.	1.2	12
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5058	Structural analysis of <i>Gossypium hirsutum</i> fibers grown under greenhouse and hydroponic conditions. <i>Journal of Structural Biology</i> , 2016, 194, 292-302.	1.3	9
5059	Seasonal variability of multiple leaf traits captured by leaf spectroscopy at two temperate deciduous forests. <i>Remote Sensing of Environment</i> , 2016, 179, 1-12.	4.6	121
5060	Selective Imaging of Malignant Ascites in a Mouse Model of Peritoneal Metastasis Using <i>in Vivo</i> Dynamic Nuclear Polarization-Magnetic Resonance Imaging. <i>Analytical Chemistry</i> , 2016, 88, 2021-2027.	3.2	13
5061	Analysis of Flame Retardancy in Polymer Blends by Synchrotron X-ray K-edge Tomography and Interferometric Phase Contrast Movies. <i>Journal of Physical Chemistry B</i> , 2016, 120, 2612-2624.	1.2	8
5062	Mechanism for accurate, protein-assisted DNA annealing by <i>Deinococcus radiodurans</i> DdrB. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4308-4313.	3.3	29
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5066	Nuclear ferritin mediated regulation of JNK signaling in corneal epithelial cells. <i>Experimental Eye Research</i> , 2016, 145, 337-340.	1.2	6
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5068	In Vivo Interaction Proteomics in <i>Caenorhabditis elegans</i> Embryos Provides New Insights into P Granule Dynamics. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1642-1657.	2.5	29
5069	Quantitative analysis of ultrasound images for computer-aided diagnosis. <i>Journal of Medical Imaging</i> , 2016, 3, 014501.	0.8	10
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5072	Comparison of Desert-Adapted <i>Helianthus niveus</i> (Benth.) Brandegees ssp. <i>tephrodes</i> (A. Gray) Heiser to Cultivated <i>H. annuus</i> L. for Putative Drought Avoidance Traits at Two Ontogenetic Stages. <i>Helia</i> , 2016, 39, 1-19.	0.0	8
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5081	Fitness of wAlbB <i>Wolbachia</i> Infection in <i>Aedes aegypti</i> : Parameter Estimates in an Outcrossed Background and Potential for Population Invasion. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 507-516.	0.6	103
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5084	Genistein supplementation prevents weight gain but promotes oxidative stress and inflammation in the vasculature of female obese ob/ob mice. <i>Nutrition Research</i> , 2016, 36, 789-797.	1.3	16
5085	Effect of e-beam dose on the fractional density of Au-catalyzed GaAs nanowire growth. <i>Thin Solid Films</i> , 2016, 607, 43-49.	0.8	2
5086	Does dispersal influence the strength of intraspecific competition in a stream salamander?. <i>Journal of Zoology</i> , 2016, 298, 46-53.	0.8	7
5087	Crosstalk between chloroplast thioredoxin systems in regulation of photosynthesis. <i>Plant, Cell and Environment</i> , 2016, 39, 1691-1705.	2.8	102
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8877	Effects of microstructure on water imbibition in sandstones using Xâ€œray computed tomography and neutron radiography. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 4963-4981.	1.4	39
8878	Geochemistry of the Bagnold dune field as observed by ChemCam and comparison with other aeolian deposits at Gale Crater. <i>Journal of Geophysical Research E: Planets</i> , 2017, 122, 2144-2162.	1.5	46
8879	Redox modulation of thimet oligopeptidase activity by hydrogen peroxide. <i>FEBS Open Bio</i> , 2017, 7, 1037-1050.	1.0	11
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9027	Nanoparticles for live cell microscopy: A surface-enhanced Raman scattering perspective. <i>Scientific Reports</i> , 2017, 7, 4471.	1.6	43
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9098	Effects of deep sea water and <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> NTU 101 on hypercholesterolemia hamsters gut microbiota. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 321-329.	1.7	7
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9119	Computed diffusion-weighted imaging using 1.5-T magnetic resonance imaging for prostate cancer diagnosis. <i>Clinical Imaging</i> , 2017, 41, 78-82.	0.8	9
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9132	Limited accuracy of DCE-MRI in identification of pathological complete responders after chemoradiotherapy treatment for rectal cancer. <i>European Radiology</i> , 2017, 27, 1605-1612.	2.3	24
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9151	Image analyzing method to detect vague boundaries by using reaction-diffusion system. <i>Applied Numerical Mathematics</i> , 2017, 114, 124-131.	1.2	2
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10042	Canopy cover affects habitat selection by adult dragonflies. <i>Hydrobiologia</i> , 2018, 818, 129-143.	1.0	15
10043	Pan-Cancer Analysis of lncRNA Regulation Supports Their Targeting of Cancer Genes in Each Tumor Context. <i>Cell Reports</i> , 2018, 23, 297-312.e12.	2.9	205
10044	Expressions of ritual in the Paleoindian record of the Eastern Woodlands: Exploring the uniqueness of the Dalton cemetery at Sloan, Arkansas. <i>Journal of Anthropological Archaeology</i> , 2018, 49, 184-198.	0.7	35
10045	Biofunctionalized 3D Nanopillar Arrays Fostering Cell Guidance and Promoting Synapse Stability and Neuronal Activity in Networks. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15207-15215.	4.0	32
10046	Maternal environment and craniofacial growth: geometric morphometric analysis of mandibular shape changes with <i>in utero</i> thyroxine overexposure in mice. <i>Journal of Anatomy</i> , 2018, 233, 46-54.	0.9	8
10047	Triggered recruitment of ESCRT machinery promotes endolysosomal repair. <i>Science</i> , 2018, 360, .	6.0	314
10048	Indeterminate pediatric acute liver failure is uniquely characterized by a CD103+CD8+ T cell infiltrate. <i>Hepatology</i> , 2018, 68, 1087-1100.	3.6	52

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10053	Aggregation in particle rich environments: a textural study of examples from volcanic eruptions, meteorite impacts, and fluidized bed processing. <i>Bulletin of Volcanology</i> , 2018, 80, 32.	1.1	11
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10055	Characterization of unsaturated diffusivity of tight sandstones using neutron radiography. <i>International Journal of Heat and Mass Transfer</i> , 2018, 124, 693-705.	2.5	19
10056	Evaluation of bacterial run and tumble motility parameters through trajectory analysis. <i>Journal of Contaminant Hydrology</i> , 2018, 211, 26-38.	1.6	10
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10061	Evolution of patterned plumage as a sexual signal in estrildid finches. <i>Behavioral Ecology</i> , 2018, 29, 676-685.	1.0	17
10062	Effects of Fat Polymorphic Transformation and Nonfat Particle Size Distribution on the Surface Changes of Untempered Model Chocolate, Based on Solid Cocoa Mass. <i>Journal of Food Science</i> , 2018, 83, 998-1004.	1.5	6
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10064	Genetic architecture of traits associated with reproductive barriers in <i>Silene</i> : Coupling, sex chromosomes and variation. <i>Molecular Ecology</i> , 2018, 27, 3889-3904.	2.0	13
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10066	Is desiccation tolerance and avoidance reflected in xylem and phloem anatomy of two coexisting arid-zone coniferous trees?. <i>Plant, Cell and Environment</i> , 2018, 41, 1551-1564.	2.8	16

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10068	16 kDa vasoinhibin binds to integrin alpha5 beta1 on endothelial cells to induce apoptosis. <i>Endocrine Connections</i> , 2018, 7, 630-636.	0.8	12
10069	Molecular Phylogeny Demonstrates the Need for Taxonomic Reconsideration of Species Diversity of the Hydrocoral Genus <i>Millepora</i> (Cnidaria: Hydrozoa) in the Pacific. <i>Zoological Science</i> , 2018, 35, 123.	0.3	9
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10071	Micro-CT-based identification of double porosity in fired clay ceramics. <i>Journal of Materials Science</i> , 2018, 53, 9411-9428.	1.7	19
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10082	Vessel scaling in evergreen angiosperm leaves conforms with Murray's law and areaâ€“filling assumptions: implications for plant size, leaf size and cold tolerance. <i>New Phytologist</i> , 2018, 218, 1360-1370.	3.5	50
10083	The Nurr1 Ligand, 1,1-bis(3-Indolyl)-1-( <i>p</i> -Chlorophenyl)Methane, Modulates Glial Reactivity and Is Neuroprotective in MPTP-Induced Parkinsonism. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 365, 636-651.	1.3	34
10084	Multilevel Differential Control of Hormone Gene Expression Programs by hnRNP L and LL in Pituitary Cells. <i>Molecular and Cellular Biology</i> , 2018, 38, .	1.1	8



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10098	Minimum miscibility pressure and interfacial tension measurements for N <sub>2</sub> and CO <sub>2</sub> gases in contact with W/O emulsions for different temperatures and pressures. <i>Fuel</i> , 2018, 225, 623-631.	3.4	22
10099	A new Alzheimer's disease cell model using B cells to induce beta amyloid plaque formation and increase TNF alpha expression. <i>International Immunopharmacology</i> , 2018, 59, 106-112.	1.7	16
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10105	Magnetic reversal and thermal stability of CoFeB perpendicular magnetic tunnel junction arrays patterned by block copolymer lithography. Nanotechnology, 2018, 29, 275302.	1.3	3
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10113	Urea-formaldehyde microspheres as a potential additive to wood adhesive. Journal of Wood Science, 2018, 64, 390-397.	0.9	11
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10126	Structural Transformation of Wireframe DNA Origami <i>via</i> DNA Polymerase Assisted Gap-Filling. <i>ACS Nano</i> , 2018, 12, 2546-2553.	7.3	38
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10132	Patterning of functional human astrocytes onto parylene-C/SiO <sub>2</sub> substrates for the study of Ca <sup>2+</sup> dynamics in astrocytic networks. <i>Journal of Neural Engineering</i> , 2018, 15, 036015.	1.8	16
10133	A human-specific switch of alternatively spliced <i>AFMID</i> isoforms contributes to <i>TP53</i> mutations and tumor recurrence in hepatocellular carcinoma. <i>Genome Research</i> , 2018, 28, 275-284.	2.4	16
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10135	Low concentrations of ethanol during irradiation drastically reduce DNA damage caused by very high doses of ionizing radiation. <i>Journal of Biosciences</i> , 2018, 43, 15-23.	0.5	1
10136	Effects of overabundant nitrate and warmer temperatures on charophytes: The roles of plasticity and local adaptation. <i>Aquatic Botany</i> , 2018, 146, 15-22.	0.8	15
10137	Temperature Modulates Tissue-Specification Program to Control Fruit Dehiscence in Brassicaceae. <i>Molecular Plant</i> , 2018, 11, 598-606.	3.9	28
10138	Seasonal trends in calcite-raft precipitation from cenotes Rainbow, Feno and Monkey Dust, Quintana Roo, Mexico: Implications for paleoenvironmental studies. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 497, 157-167.	1.0	17
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10150	Chromosome counts in <i>Chaetogastra</i> (Melastomataceae, Melastomateae). <i>Brittonia</i> , 2018, 70, 369-376.	0.8	3
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10152	Estimation of vegetation water content at leaf and canopy level using dual-wavelength commercial terrestrial laser scanners. <i>Interface Focus</i> , 2018, 8, 20170041.	1.5	16
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10154	Functional trait heritability and local climatic adaptation among grasses: a meta-analysis. <i>Plant Ecology</i> , 2018, 219, 369-379.	0.7	5
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10160	Adrenergic receptor stimulation suppresses oxidative metabolism in isolated rat islets and Min6 cells. <i>Molecular and Cellular Endocrinology</i> , 2018, 473, 136-145.	1.6	13
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10165	Methodology to evaluate hydraulic compatibility of geotextile and RCA in underdrain systems. <i>Geosynthetics International</i> , 2018, 25, 67-84.	1.5	15
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10174	Impact of nitrogen and importance of silicon on mechanical stem strength in <i>Schoenoplectus acutus</i> and <i>Schoenoplectus californicus</i> : applications for restoration. <i>Wetlands Ecology and Management</i> , 2018, 26, 459-474.	0.7	9
10175	Nanofibrous peptide hydrogel elicits angiogenesis and neurogenesis without drugs, proteins, or cells. <i>Biomaterials</i> , 2018, 161, 154-163.	5.7	94

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10177	Steric exclusion and protein conformation determine the localization of plasma membrane transporters. <i>Nature Communications</i> , 2018, 9, 501.	5.8	65
10178	Anti-cancer activities of allyl isothiocyanate and its conjugated silicon quantum dots. <i>Scientific Reports</i> , 2018, 8, 1084.	1.6	49
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10187	Pattern recognition with machine learning on optical microscopy images of typical metallurgical microstructures. <i>Scientific Reports</i> , 2018, 8, 2078.	1.6	107
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10322	Comparative effects of ethylene inhibitors on <i>Agrobacterium</i> -mediated transformation of drought-tolerant wild watermelon. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 433-441.	0.6	9
10323	Emplacement controls for the basaltic-andesitic radial dikes of Summer Coon volcano and implications for flank vents at stratovolcanoes. <i>Bulletin of Volcanology</i> , 2018, 80, 1.	1.1	5
10324	On the mechanism of ion-induced bending of nanostructures. <i>Applied Surface Science</i> , 2018, 446, 151-159.	3.1	16
10325	A Calmodulin C-Lobe Ca <sup>2+</sup> -Dependent Switch Governs Kv7 Channel Function. <i>Neuron</i> , 2018, 97, 836-852.e6.	3.8	63
10326	Cholesterol internalization and metabolism in insect prothoracic gland, a steroidogenic organ, via lipoproteins. <i>Steroids</i> , 2018, 134, 110-116.	0.8	18
10327	Immunoblotting Quantification Approach for Identifying Potential Hypoallergenic Citrus Cultivars. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 1964-1973.	2.4	1
10328	3D <sup>7</sup> Li magnetic resonance imaging of brain lithium distribution in bipolar disorder. <i>Molecular Psychiatry</i> , 2018, 23, 2184-2191.	4.1	24
10329	Differentiation of Malignant and Benign Adrenal Lesions With Delayed CT: Multivariate Analysis and Predictive Models. <i>American Journal of Roentgenology</i> , 2018, 210, W156-W163.	1.0	7
10330	An efficient screening method for purifying and crystallizing membrane proteins using modified clear-native PAGE. <i>Analytical Biochemistry</i> , 2018, 548, 7-14.	1.1	13
10331	Gaseous nitriding behaviour of 33CrMoV12-9 steel: Evolution of the grain boundaries precipitation and influence on residual stress development. <i>Surface and Coatings Technology</i> , 2018, 339, 78-90.	2.2	20
10332	Distribution of PEG-coated hollow polyelectrolyte microcapsules after introduction into the circulatory system and muscles of zebrafish. <i>Biology Open</i> , 2018, 7, .	0.6	8
10333	MeCP2 AT-Hook1 mutations in patients with intellectual disability and/or schizophrenia disrupt DNA binding and chromatin compaction in vitro. <i>Human Mutation</i> , 2018, 39, 717-728.	1.1	16
10334	Not-so-simple sieving by ascidians: re-examining particle capture at the mesh and organismal scales. <i>Marine Biology</i> , 2018, 165, 1.	0.7	3
10335	Fibroblasts potentiate melanoma cells in vitro invasiveness induced by UV-irradiated keratinocytes. <i>Histochemistry and Cell Biology</i> , 2018, 149, 503-516.	0.8	27
10336	Flavonoid-rich extract of <i>Chromolaena odorata</i> modulate circulating GLP-1 in Wistar rats: computational evaluation of TGR5 involvement. <i>3 Biotech</i> , 2018, 8, 124.	1.1	28
10337	The rheological properties of native sericin. <i>Acta Biomaterialia</i> , 2018, 69, 234-242.	4.1	22
10338	Structure, property, and function of sheepshead ( <i>Archosargus probatocephalus</i> ) teeth. <i>Archives of Oral Biology</i> , 2018, 89, 1-8.	0.8	8

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10339	A Survey of Validation Strategies for CRISPR-Cas9 Editing. <i>Scientific Reports</i> , 2018, 8, 888.	1.6	241
10340	Tumor suppressor APC is an attenuator of spindle-pulling forces during <i>C. elegans</i> asymmetric cell division. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E954-E963.	3.3	24
10341	Functional Diffusion Magnetic Resonance Imaging. <i>Methods in Molecular Biology</i> , 2018, 1718, 135-147.	0.4	2
10342	Analogues of Disulfides from <i>Allium stipitatum</i> Demonstrate Potent Anti-tubercular Activities through Drug Efflux Pump and Biofilm Inhibition. <i>Scientific Reports</i> , 2018, 8, 1150.	1.6	23
10343	Mutations in bassoon in individuals with familial and sporadic progressive supranuclear palsy-like syndrome. <i>Scientific Reports</i> , 2018, 8, 819.	1.6	26
10344	Influence of genotype, floral stage, and water stress on floral nectar yield and composition of mānuka ( <i>Leptospermum scoparium</i> ). <i>Annals of Botany</i> , 2018, 121, 501-512.	1.4	30
10345	Effects of RF plasma treatment on spray-pyrolyzed copper oxide films on silicon substrates. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 01AB05.	0.8	3
10346	Bioconjugated Core-Shell Microparticles for High-Force Optical Trapping. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700448.	1.2	6
10347	Three-dimensional visualization and volume quantification of pigment epithelium detachments. <i>Acta Ophthalmologica</i> , 2018, 96, e747-e749.	0.6	1
10348	A urine-dependent human urothelial organoid offers a potential alternative to rodent models of infection. <i>Scientific Reports</i> , 2018, 8, 1238.	1.6	58
10349	Human Parahippocampal Cortex Supports Spatial Binding in Visual Working Memory. <i>Cerebral Cortex</i> , 2018, 28, 3589-3599.	1.6	8
10350	trackdem: Automated particle tracking to obtain population counts and size distributions from videos in <i>Methods in Ecology and Evolution</i> , 2018, 9, 965-973.	2.2	27
10351	Partially Reciprocal Replacement of FlrA and FlrC in Regulation of <i>Shewanella oneidensis</i> Flagellar Biosynthesis. <i>Journal of Bacteriology</i> , 2018, 200, .	1.0	14
10352	<i>Lactobacillus rhamnosus</i> GG in Experimental Oral Biofilms Exposed to Different Carbohydrate Sources. <i>Caries Research</i> , 2018, 52, 220-229.	0.9	19
10353	Quantification of photoinduced bending of dynamic molecular crystals: from macroscopic strain to kinetic constants and activation energies. <i>Chemical Science</i> , 2018, 9, 2319-2335.	3.7	73
10354	Investigation of Microalgal Carotenoid Content Using Coherent Anti-Stokes Raman Scattering (CARS) Microscopy and Spontaneous Raman Spectroscopy. <i>ChemPhysChem</i> , 2018, 19, 1048-1055.	1.0	9
10355	Fabrication of 3D Microfluidic Channels and In-Channel Features Using 3D Printed, Water-Soluble Sacrificial Mold. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1700484.	1.7	45
10356	Sepsis Induces Adipose Tissue Browning in Nonobese Mice But Not in Obese Mice. <i>Shock</i> , 2018, 50, 557-564.	1.0	14

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10358	Application of Fluorescence-Guided Surgery to Subsurface Cancers Requiring Wide Local Excision. <i>Cancer Control</i> , 2018, 25, 107327481775233.	0.7	32
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10360	Diffusion and selectivity of water confined within metal-organic nanotubes. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1531-1539.	5.2	10
10361	The adherens junction-associated LIM domain protein Smallish regulates epithelial morphogenesis. <i>Journal of Cell Biology</i> , 2018, 217, 1079-1095.	2.3	20
10362	Random size-assortative mating despite size-dependent fecundity in a Neotropical amphibian with explosive reproduction. <i>Ethology</i> , 2018, 124, 218-226.	0.5	8
10363	Ecological causes and consequences of flower color polymorphism in a self-pollinating plant ( <i>Boechera stricta</i> ). <i>New Phytologist</i> , 2018, 218, 380-392.	3.5	48
10364	Three-dimensional mechanical properties of dry carbon fiber tows subjected to cyclic compressive loading. <i>Journal of Composite Materials</i> , 2018, 52, 2661-2677.	1.2	7
10365	Neuregulin-1 is essential for nerve plexus formation during cardiac maturation. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2007-2017.	1.6	9
10366	A cytosolic copper storage protein provides a second level of copper tolerance in <i>Streptomyces lividans</i> . <i>Metalomics</i> , 2018, 10, 180-193.	1.0	23
10367	Phasor based single-molecule localization microscopy in 3D (pSMLM-3D): An algorithm for MHz localization rates using standard CPUs. <i>Journal of Chemical Physics</i> , 2018, 148, 123311.	1.2	50
10368	Dissection of Epitope-Specific Mechanisms of Neutralization of Influenza Virus by Intact IgG and Fab Fragments. <i>Journal of Virology</i> , 2018, 92, .	1.5	17
10369	Exploring boar sperm sialylation during capacitation using boronic acid-functionalized beads. <i>Reproduction</i> , 2018, 155, 25-36.	1.1	4
10370	Life history of abyssal and hadal fishes from otolith growth zones and oxygen isotopic compositions. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 132, 37-50.	0.6	19
10371	Dysregulated Expression of the MicroRNA miR-137 and Its Target YBX1 Contribute to the Invasive Characteristics of Malignant Pleural Mesothelioma. <i>Journal of Thoracic Oncology</i> , 2018, 13, 258-272.	0.5	40
10372	Instrumented indentation study of bainite/martensite duplex microstructure. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 713, 1-6.	2.6	14
10373	An automated method for dynamic red blood cell aggregate detection in microfluidic flow. <i>Physiological Measurement</i> , 2018, 39, 01NT02.	1.2	7
10374	<i>In Vivo</i> Superresolution Imaging of Neuronal Structure in the Mouse Brain. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 232-238.	2.5	17



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10376	HRCT texture analysis for pure or part-solid ground-glass nodules: distinguishability of adenocarcinoma in situ or minimally invasive adenocarcinoma from invasive adenocarcinoma. <i>Japanese Journal of Radiology</i> , 2018, 36, 113-121.	1.0	29
10377	Assessing the potential phytotoxicity of digestate from winery wastes. <i>Ecotoxicology and Environmental Safety</i> , 2018, 150, 26-33.	2.9	28
10378	Antibacterial properties and compressive strength of new one-step preparation silver nanoparticles in glass ionomer cements (NanoAg-GIC). <i>Journal of Dentistry</i> , 2018, 69, 102-109.	1.7	72
10379	Responses of the structure and function of the understory plant communities to precipitation reduction across forest ecosystems in Germany. <i>Annals of Forest Science</i> , 2018, 75, 1.	0.8	13
10380	Time-course and degradation rate of membrane scaffold protein (MSP1D1) during recombinant production. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2018, 17, 45-48.	2.1	1
10381	A Proximity Labeling Strategy Provides Insights into the Composition and Dynamics of Lipid Droplet Proteomes. <i>Developmental Cell</i> , 2018, 44, 97-112.e7.	3.1	240
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10384	Hydraulic and mechanical dysfunction of Norway spruce sapwood due to extreme summer drought in Scandinavia. <i>Forest Ecology and Management</i> , 2018, 409, 527-540.	1.4	33
10385	EDTA Treatment for Sodium Hypochlorite-treated Dentin Recovers Disturbed Attachment and Induces Differentiation of Mouse Dental Papilla Cells. <i>Journal of Endodontics</i> , 2018, 44, 256-262.	1.4	25
10386	A Structure-Based Assembly Screen of Protein Cage Libraries in Living Cells: Experimentally Repacking a Protein-Protein Interface To Recover Cage Formation in an Assembly-Frustrated Mutant. <i>Biochemistry</i> , 2018, 57, 604-613.	1.2	11
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10388	Highly Oriented Nanowire Thin Films with Anisotropic Optical Properties Driven by the Simultaneous Influence of Surface Templating and Shear Forces. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 3046-3057.	4.0	33
10389	Enzalutamide and CXCR7 inhibitor combination treatment suppresses cell growth and angiogenic signaling in castration-resistant prostate cancer models. <i>International Journal of Cancer</i> , 2018, 142, 2163-2174.	2.3	39
10390	Novel insights into the mechanism of SepL-mediated control of effector secretion in enteropathogenic <i>Escherichia coli</i> . <i>MicrobiologyOpen</i> , 2018, 7, e00571.	1.2	29
10391	Caspase-3/MAPK pathways as main regulators of the apoptotic effect of the phyto-mediated synthesized silver nanoparticle from dried stem of <i>Eleutherococcus senticosus</i> in human cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2018, 99, 128-133.	2.5	49
10392	Chlorine-induced high temperature corrosion of HVAF-sprayed Ni-based alumina and chromia forming coatings. <i>Corrosion Science</i> , 2018, 132, 170-184.	3.0	56

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10394	Optical thermogeneration induced enhanced evaporation kinetics in pendant nanofluid droplets. <i>International Journal of Heat and Mass Transfer</i> , 2018, 118, 1169-1179.	2.5	16
10395	Chemical looping epoxidation. <i>Journal of Catalysis</i> , 2018, 359, 1-7.	3.1	46
10396	The influence of age on taste disc density and size in the toad <i>Incilius alvarius</i> (Lissamphibia): Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.4	2
10397	<i>Propionibacterium acnes</i> Induces Autophagy in Keratinocytes: Involvement of Multiple Mechanisms. <i>Journal of Investigative Dermatology</i> , 2018, 138, 750-759.	0.3	15
10398	The role of Fe and Cu additions on the structural, thermal and magnetic properties of amorphous Al-Ce-Fe-Cu alloys. <i>Journal of Non-Crystalline Solids</i> , 2018, 483, 70-78.	1.5	5
10399	Determination of elastic properties of polycrystalline U3Si2 using resonant ultrasound spectroscopy. <i>Journal of Nuclear Materials</i> , 2018, 498, 438-444.	1.3	29
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10402	Master curve for viscous crack healing. <i>Materials Letters</i> , 2018, 216, 110-112.	1.3	5
10403	Structural Basis of Heterochromatin Formation by Human HP1. <i>Molecular Cell</i> , 2018, 69, 385-397.e8.	4.5	196
10404	Vacuole Integrity Maintained by DUF300 Proteins Is Required for Brassinosteroid Signaling Regulation. <i>Molecular Plant</i> , 2018, 11, 553-567.	3.9	18
10405	Taxonomomic description of four new <i>Clostridium</i> species isolated from human gut: <i>Clostridium amazonitimonense</i> <sup>™</sup> , <i>Clostridium merdae</i> <sup>™</sup> , <i>Clostridium massilidielmoense</i> <sup>™</sup> and <i>Clostridium nigeriense</i> <sup>™</sup> . <i>New Microbes and New Infections</i> , 2018, 21, 128-139.	0.8	28
10406	Detyrosinated tubulin is decreased in fetal vessels of preeclampsia placentas. <i>Placenta</i> , 2018, 62, 58-65.	0.7	7
10407	Casein-based scaffold for artificial cellulosome design. <i>Process Biochemistry</i> , 2018, 66, 140-145.	1.8	5
10408	Imaging of Ra-223 solution using an optical method. <i>Radiation Measurements</i> , 2018, 108, 52-58.	0.7	1
10409	Using Image Attributes to Assure Accurate Particle Size and Count Using Nanoparticle Tracking Analysis. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1383-1391.	1.6	18
10410	A Structural and Functional Role for Disulfide Bonds in a Class II Hydrophobin. <i>Biochemistry</i> , 2018, 57, 645-653.	1.2	19

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10412	A Single Mechanosensitive Channel Protects <i>Francisella tularensis</i> subsp. <i>holarctica</i> from Hypoosmotic Shock and Promotes Survival in the Aquatic Environment. Applied and Environmental Microbiology, 2018, 84, .	1.4	11
10413	Phosphorylation at Thr432 induces structural destabilization of the $\text{CII}$ ring in the circadian oscillator KaiC. FEBS Letters, 2018, 592, 36-45.	1.3	6
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10415	Inner tooth morphology of <i>Homo erectus</i> from Zhoukoudian. New evidence from an old collection housed at Uppsala University, Sweden. Journal of Human Evolution, 2018, 116, 1-13.	1.3	32
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10418	Acid-Tolerant Monomeric GFP from <i>Olindias formosa</i> . Cell Chemical Biology, 2018, 25, 330-338.e7.	2.5	71
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10421	Clp Protease and OR Directly Control the Proteostasis of Phytoene Synthase, the Crucial Enzyme for Carotenoid Biosynthesis in <i>Arabidopsis</i> . Molecular Plant, 2018, 11, 149-162.	3.9	112
10422	The <i>Xanthomonas</i> effector XopL uncovers the role of microtubules in stromule extension and dynamics in <i>Nicotiana benthamiana</i> . Plant Journal, 2018, 93, 856-870.	2.8	51
10423	CYP Suppression in Human Hepatocytes by Monomethyl Auristatin E, the Payload in Brentuximab Vedotin (Adcetris®), is Associated with Microtubule Disruption. European Journal of Drug Metabolism and Pharmacokinetics, 2018, 43, 347-354.	0.6	8
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10425	Complete Pathway Elucidation and Heterologous Reconstitution of <i>Rhodiola</i> Salidroside Biosynthesis. Molecular Plant, 2018, 11, 205-217.	3.9	99
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10434	Engineered cell migration to lesions linked to autoimmune disease. Biotechnology and Bioengineering, 2018, 115, 1028-1036.	1.7	5
10435	Elaborate ultrastructure of the Hirudo (Annelida: Hirudinae) cocoon surface. Journal of Morphology, 2018, 279, 545-553.	0.6	6
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10437	Novel image analysis methods for quantification of in situ 3-D tendon cell and matrix strain. Journal of Biomechanics, 2018, 67, 184-189.	0.9	5
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10448	Radiation dosimetry in cell biology: comparison of calculated and measured absorbed dose for a range of culture vessels and clinical beam qualities. <i>International Journal of Radiation Biology</i> , 2018, 94, 150-156.	1.0	7
10449	Study of Endochondral Ossification in Human Fetalcartilage Anlagen of Metacarpals: Comparative Morphology of Mineral Deposition in Cartilage and in the Periosteal Bone Matrix. <i>Anatomical Record</i> , 2018, 301, 571-580.	0.8	7
10450	Heparin-gold Nanoparticles and Liquid Crystal Applied in Label-free Electrochemical Immunosensor for Prostate-specific Antigen. <i>Electroanalysis</i> , 2018, 30, 353-360.	1.5	14
10451	Blockade of soluble epoxide hydrolase attenuates post-ischemic neuronal hyperexcitation and confers resilience against stroke with TrkB activation. <i>Scientific Reports</i> , 2018, 8, 118.	1.6	17
10452	Magnetic analysis of commercial hematite, magnetite, and their mixtures. <i>AIP Advances</i> , 2018, 8, .	0.6	69
10453	A model-free method for measuring dimerization free energies of CLC-ec1 in lipid bilayers. <i>Journal of General Physiology</i> , 2018, 150, 355-365.	0.9	19
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10455	Micro-rotors in nematic liquid crystal films with a free surface. <i>Journal of the Korean Physical Society</i> , 2018, 72, 79-89.	0.3	0
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10461	Application of cytogenetic markers in the taxonomy of flat rock scorpions (Scorpiones: Hormuridae), with the description of <i>Hadogenes weygoldti</i> sp. n.. <i>Zoologischer Anzeiger</i> , 2018, 273, 173-182.	0.4	12
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10463	Circular RNAs. <i>Methods in Molecular Biology</i> , 2018, , .	0.4	2
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#	ARTICLE	IF	CITATIONS
10465	Image Processing and Artificial Neural Network-Based Models to Measure and Predict Physical Properties of Embryogenic Callus and Number of Somatic Embryos in Ajowan ( <i>Trachyspermum ammi</i> (L.) Tj ETQq000 rgBT /Overlock 1	0.9	4
10466	Impairments in social novelty recognition and spatial memory in mice with conditional deletion of <i>Scn1a</i> in parvalbumin-expressing cells. <i>Neurobiology of Disease</i> , 2018, 112, 24-34.	2.1	42
10467	Trophic-level differences in functional composition of the <i>Nardus</i> grassland vegetation. <i>Plant Biosystems</i> , 2018, 152, 1134-1140.	0.8	1
10468	Mediator complex component MED13 regulates zygotic genome activation and is required for postimplantation development in the mouse. <i>Biology of Reproduction</i> , 2018, 98, 449-464.	1.2	23
10469	Differential expression of antimicrobial peptides in corneal infection and regulation of antimicrobial peptides and reactive oxygen species by type III secretion system of <i>Pseudomonas aeruginosa</i> . <i>Pathogens and Disease</i> , 2018, 76, .	0.8	14
10470	Individual variation in reproductive behaviour is linked to temporal heterogeneity in predation risk. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20171499.	1.2	22
10471	Life histories and soil water content preferences of sympatric exotic and native terrestrial isopods. <i>Entomological Science</i> , 2018, 21, 198-209.	0.3	4
10472	Shank3-deficient thalamocortical neurons show HCN channelopathy and alterations in intrinsic electrical properties. <i>Journal of Physiology</i> , 2018, 596, 1259-1276.	1.3	27
10473	Single-molecule nucleosome remodeling by INO80 and effects of histone tails. <i>FEBS Letters</i> , 2018, 592, 318-331.	1.3	12
10474	Quantitative [Fe]MRI determination of the dynamics of PSMA-targeted SPIONs discriminates among prostate tumor xenografts based on their PSMA expression. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 469-481.	1.9	4
10475	Single-Molecule Fluorescence In Situ Hybridization (FISH) of Circular RNA CDR1as. <i>Methods in Molecular Biology</i> , 2018, 1724, 77-96.	0.4	26
10476	Caspases are key regulators of inflammatory and innate immune responses mediated by TLR3 in vivo. <i>Molecular Immunology</i> , 2018, 94, 190-199.	1.0	10
10477	Schmallenberg virus non-structural protein NSm: Intracellular distribution and role of non-hydrophobic domains. <i>Virology</i> , 2018, 516, 46-54.	1.1	8
10479	Two <i>Drosophilids</i> exhibit distinct EGF pathway patterns in oogenesis. <i>Development Genes and Evolution</i> , 2018, 228, 31-48.	0.4	3
10480	The effect of vegetation height and biomass on the sediment budget of a European saltmarsh. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 202, 125-133.	0.9	24
10481	Seed traits, terminal velocity and germination in sexual diploid and apomictic triploid <i>Hieracium alpinum</i> (Asteraceae): Are apomicts better dispersers?. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2018, 240, 76-81.	0.6	5
10482	Effects of ZnO nanoparticles in the Caspian roach ( <i>Rutilus rutilus caspicus</i> ). <i>Science of the Total Environment</i> , 2018, 626, 30-41.	3.9	46
10483	Electrochemical Intercalation of Calcium and Magnesium in TiS <sub>2</sub> : Fundamental Studies Related to Multivalent Battery Applications. <i>Chemistry of Materials</i> , 2018, 30, 847-856.	3.2	105

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10484	The emergence of metabolic heterogeneity and diverse growth responses in isogenic bacterial cells. ISME Journal, 2018, 12, 1199-1209.	4.4	41
10485	Replication of biocompatible, nanotopographic surfaces. Scientific Reports, 2018, 8, 564.	1.6	20
10486	Simple and Complex Centromeric Satellites in <i>Drosophila</i> Sibling Species. Genetics, 2018, 208, 977-990.	1.2	43
10487	Mechanical hysteresis, interface and filler structural breakdowns in ethylene vinyl acetate organoclay composites internally lubricated via radiolytically degraded PTFE microparticles. Journal of Polymer Science, Part B: Polymer Physics, 2018, 56, 509-519.	2.4	4
10488	Unexpected ultrastructure of an eye in Spiralia: the larval ocelli of Procephalothrix oestrymnicus (Nemertea). Zoomorphology, 2018, 137, 241-248.	0.4	7
10489	A multiscale XFEM approach to investigate the fracture behavior of bio-inspired composite materials. Composites Part B: Engineering, 2018, 141, 258-264.	5.9	20
10490	Fabrication of highly ordered nanoporous alumina membranes: Probing microstructures by SAXS, FESEM and AFM. Microporous and Mesoporous Materials, 2018, 264, 13-21.	2.2	22
10491	CD38 is Required for Dendritic Organization in Visual Cortex and Hippocampus. Neuroscience, 2018, 372, 114-125.	1.1	7
10492	Increased serum levels and promoter polymorphisms of macrophage migration inhibitory factor in schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 83, 33-41.	2.5	17
10493	Role of the Amorphous Phase during Sodium Aluminosilicate Precipitation. Industrial & Engineering Chemistry Research, 2018, 57, 1408-1416.	1.8	25
10494	Influence of External Electrical Stimulation on Cellular Uptake of Gold Nanoparticles. Neuromethods, 2018, , 121-148.	0.2	1
10495	Phase behavior of the polymer/drug system PLA/DEET: Effect of PLA molar mass on subambient liquid-liquid phase separation. Thermochimica Acta, 2018, 660, 77-81.	1.2	22
10496	CLIQ-BID: A method to quantify bacteria-induced damage to eukaryotic cells by automated live-imaging of bright nuclei. Scientific Reports, 2018, 8, 5.	1.6	10
10497	Particle anisotropy and crystalline phase transition in one-pot synthesis of nano-zirconia: a causal relationship. CrystEngComm, 2018, 20, 879-888.	1.3	8
10498	ZnO nanoparticle preparation route influences surface reactivity, dissolution and cytotoxicity. Environmental Science: Nano, 2018, 5, 572-588.	2.2	23
10499	Structural and functional differences between porcine brain and budding yeast microtubules. Cell Cycle, 2018, 17, 278-287.	1.3	28
10500	Optimal timing of preoperative indocyanine green administration for fluorescent cholangiography during laparoscopic cholecystectomy using the PINPOINT <sup>®</sup> Endoscopic Fluorescence Imaging System. Asian Journal of Endoscopic Surgery, 2018, 11, 199-205.	0.4	35
10501	Association of Bruch's membrane opening and optic disc morphology to axial length and visual field defects in eyes with primary open-angle glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 599-610.	1.0	12

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10502	Influence of food supply and shore height on the survival and growth of the barnacle <i>Balanus glandula</i> (Darwin). <i>Journal of Experimental Marine Biology and Ecology</i> , 2018, 498, 32-38.	0.7	4
10503	Octocoral distribution is associated with substratum orientation on coral reefs in St. John, U.S. Virgin Islands. <i>Journal of Experimental Marine Biology and Ecology</i> , 2018, 500, 55-62.	0.7	4
10504	Increase in insulin sensitivity by the association of chicoric acid and chlorogenic acid contained in a natural chicoric acid extract (NCRAE) of chicory ( <i>Cichorium intybus</i> L.) for an antidiabetic effect. <i>Journal of Ethnopharmacology</i> , 2018, 215, 241-248.	2.0	47
10505	Green synthesis of silver nanoparticles aimed at improving theranostics. <i>Radiation Physics and Chemistry</i> , 2018, 146, 55-67.	1.4	27
10506	Fabrication and characterization of zinc-based superhydrophobic coatings. <i>Surface and Coatings Technology</i> , 2018, 337, 223-231.	2.2	46
10507	Evolution of higher torque in <i>Campylobacter</i> -type bacterial flagellar motors. <i>Scientific Reports</i> , 2018, 8, 97.	1.6	70
10508	Razor-printed sticker microdevices for cell-based applications. <i>Lab on A Chip</i> , 2018, 18, 451-462.	3.1	30
10509	Evaluation of CpxRA as a Therapeutic Target for Uropathogenic <i>Escherichia coli</i> Infections. <i>Infection and Immunity</i> , 2018, 86, .	1.0	27
10510	Predation risk and patch size jointly determine perceived patch quality in ovipositing treefrogs, <i>Hyla chrysoscelis</i> . <i>Ecology</i> , 2018, 99, 661-669.	1.5	8
10511	Directing Nanoparticle Biodistribution through Evasion and Exploitation of Stab2-Dependent Nanoparticle Uptake. <i>ACS Nano</i> , 2018, 12, 2138-2150.	7.3	173
10512	Effect of geometrical parameters on rebound of impacting droplets on leaky superhydrophobic meshes. <i>Soft Matter</i> , 2018, 14, 1571-1580.	1.2	40
10513	Biosynthesis of silver nanoparticles using novel <i>Bacillus</i> sp. SBT8. <i>Preparative Biochemistry and Biotechnology</i> , 2018, 48, 151-159.	1.0	22
10514	Modeling mutant/wild-type interactions to ascertain pathogenicity of PROKR2 missense variants in patients with isolated GnRH deficiency. <i>Human Molecular Genetics</i> , 2018, 27, 338-350.	1.4	21
10515	CHCHD10 mutations p.R15L and p.G66V cause motoneuron disease by haploinsufficiency. <i>Human Molecular Genetics</i> , 2018, 27, 706-715.	1.4	30
10516	Thirsty tree roots exude more carbon. <i>Tree Physiology</i> , 2018, 38, 690-695.	1.4	80
10517	Effects of chronic hypoxia on diaphragm function in deer mice native to high altitude. <i>Acta Physiologica</i> , 2018, 223, e13030.	1.8	37
10518	Bacterial-derived Neutrophilic Inflammation Drives Lung Remodeling in a Mouse Model of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 736-744.	1.4	32
10519	Effect of Interfacial Assembly of Antimicrobial Peptide on Conformational and Functional Dynamics of the Peptide. <i>Series in Bioengineering</i> , 2018, , 111-135.	0.3	0



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10521	Detecting self-ion irradiation-induced void swelling in pure copper using transient grating spectroscopy. <i>Acta Materialia</i> , 2018, 145, 496-503.	3.8	44
10522	Increased fibrosis: A novel means by which GH influences white adipose tissue function. <i>Growth Hormone and IGF Research</i> , 2018, 39, 45-53.	0.5	22
10523	Bubble departure characteristics in a horizontal tube bundle under cross flow conditions. <i>International Journal of Multiphase Flow</i> , 2018, 100, 143-154.	1.6	11
10524	3D-2D lattice dimensionality, optical Eg and PL energy variations due to organic variant in two [ZnCl4]2- based hybrid materials. <i>Materials Chemistry and Physics</i> , 2018, 207, 98-104.	2.0	11
10525	Xenon Protects against Blast-Induced Traumatic Brain Injury in an <i>In Vitro</i> Model. <i>Journal of Neurotrauma</i> , 2018, 35, 1037-1044.	1.7	30
10526	Dioxin Exposure Alters Molecular and Morphological Responses to Thyroid Hormone in <i>Xenopus laevis</i> Cultured Cells and Prometamorphic Tadpoles. <i>Toxicological Sciences</i> , 2018, 161, 196-206.	1.4	12
10527	Lumbar mobility in archaeocetes (Mammalia: Cetacea) and the evolution of aquatic locomotion in the earliest whales. <i>Zoological Journal of the Linnean Society</i> , 2018, 182, 695-721.	1.0	5
10528	Carapace epithelia are rich in large filamentous actin bundles in <i>Daphnia magna</i> , <i>Daphnia pulex</i> , and <i>Sida crystallina</i> (Crustacea: Cladocera). <i>Invertebrate Biology</i> , 2018, 137, 49-59.	0.3	3
10529	Automated Morphology Detection from Human Sperm Images. , 2018, , 99-122.		5
10530	Fracture mechanics of shear crack propagation and dissection in the healthy bovine descending aortic media. <i>Acta Biomaterialia</i> , 2018, 68, 53-66.	4.1	26
10531	The transgenic mouse line Igsf9- eGFP allows targeted stimulation of inferior olive efferents. <i>Journal of Neuroscience Methods</i> , 2018, 296, 84-92.	1.3	9
10532	Imaging of the Li spatial distribution within V2O5 cathode in a coin cell by neutron computed tomography. <i>Journal of Power Sources</i> , 2018, 376, 125-130.	4.0	30
10533	Cellularity of Thymic Epithelial Cells in the Postnatal Mouse. <i>Journal of Immunology</i> , 2018, 200, 1382-1388.	0.4	26
10534	Comparison of methods for quantitative determination of silver content in cellulose nanowhisker/silver nanoparticle hybrids. <i>Cellulose</i> , 2018, 25, 1065-1076.	2.4	11
10535	Cell Size and Growth Rate Are Modulated by TORC2-Dependent Signals. <i>Current Biology</i> , 2018, 28, 196-210.e4.	1.8	44
10536	Germination, physiological and biochemical responses of acacia seedlings ( <i>Acacia raddiana</i> and <i>Acacia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.75	36
10537	Disrupted Hydrogen-Bond Network and Impaired ATPase Activity in an Hsc70 Cysteine Mutant. <i>Biochemistry</i> , 2018, 57, 1073-1086.	1.2	12

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10538	Second harmonic generation imaging of the collagen architecture in prostate cancer tissue. Biomedical Physics and Engineering Express, 2018, 4, 025026.	0.6	16
10539	Factors affecting grazing preference by sheep in a breeding population of tall fescue ( <i>Festuca</i> ) Tj ETQq1 1 0.784314 rgBT 5 Overloc	1.2	5
10540	Structure of the yeast oligosaccharyltransferase complex gives insight into eukaryotic N-glycosylation. Science, 2018, 359, 545-550.	6.0	157
10541	Glucocorticoids induce differentiation of monocytes towards macrophages that share functional and phenotypical aspects with erythroblastic island macrophages. Haematologica, 2018, 103, 395-405.	1.7	65
10542	Adhesion and friction in hunting spiders: The effect of contact splitting on their attachment ability. Zoologischer Anzeiger, 2018, 273, 231-239.	0.4	11
10543	Hsp70 Inhibits the Nucleation and Elongation of Tau and Sequesters Tau Aggregates with High Affinity. ACS Chemical Biology, 2018, 13, 636-646.	1.6	96
10544	GSK3 $\beta$ negatively regulates TRAX, a scaffold protein implicated in mental disorders, for NHEJ-mediated DNA repair in neurons. Molecular Psychiatry, 2018, 23, 2375-2390.	4.1	28
10545	The effect of HOCl-induced modifications on phosphatase and tensin homologue (PTEN) structure and function. Free Radical Research, 2018, 52, 232-247.	1.5	10
10546	Targeting Mucosal Endothelin-A-Receptor Expression by Fluorescence Endoscopy is Feasible to Detect and Characterize Colitis-Associated Cancer in Mice. Inflammatory Bowel Diseases, 2018, 24, 111-122.	0.9	4
10547	Acid growth: an ongoing trip. Journal of Experimental Botany, 2018, 69, 137-146.	2.4	86
10548	Structural characterization of the Asf1 $\beta$ -Rtt109 interaction and its role in histone acetylation. Nucleic Acids Research, 2018, 46, 2279-2289.	6.5	16
10549	Progression of Glenoid Morphology in Glenohumeral Osteoarthritis. Journal of Bone and Joint Surgery - Series A, 2018, 100, 49-56.	1.4	73
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10552	Semiconducting silicon-tin alloy nanocrystals with direct bandgap behavior for photovoltaic devices. Materials Today Energy, 2018, 7, 87-97.	2.5	15
10553	Wheat ear counting in-field conditions: high throughput and low-cost approach using RGB images. Plant Methods, 2018, 14, 22.	1.9	114
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10555	Self-incompatibility in <i>Habranthus gracilifolius</i> (Amaryllidaceae): pre- and post-pollination barriers. Revista Brasileira De Botanica, 2018, 41, 375-384.	0.5	9

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10557	Actin Cross-Linking Toxin Is a Universal Inhibitor of Tandem-Organized and Oligomeric G-Actin Binding Proteins. <i>Current Biology</i> , 2018, 28, 1536-1547.e9.	1.8	20
10558	Correlating the electrification of volcanic plumes with ashfall textures at Sakurajima Volcano, Japan. <i>Earth and Planetary Science Letters</i> , 2018, 492, 47-58.	1.8	21
10559	Characterization of impinging jet sprays of gelled propellants loaded with nanoparticles in the impact wave regime. <i>Fuel</i> , 2018, 228, 10-22.	3.4	15
10560	Metabolic systems analysis of LPS induced endothelial dysfunction applied to sepsis patient stratification. <i>Scientific Reports</i> , 2018, 8, 6811.	1.6	29
10561	Assessing microscope image focus quality with deep learning. <i>BMC Bioinformatics</i> , 2018, 19, 77.	1.2	109
10562	AxonTracer: a novel ImageJ plugin for automated quantification of axon regeneration in spinal cord tissue. <i>BMC Neuroscience</i> , 2018, 19, 8.	0.8	17
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10564	Trovafloxacin attenuates neuroinflammation and improves outcome after traumatic brain injury in mice. <i>Journal of Neuroinflammation</i> , 2018, 15, 42.	3.1	21
10565	Preventing mutant huntingtin proteolysis and intermittent fasting promote autophagy in models of Huntington disease. <i>Acta Neuropathologica Communications</i> , 2018, 6, 16.	2.4	47
10566	Proliferation of hippocampal progenitors relies on p27-dependent regulation of Cdk6 kinase activity. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3817-3827.	2.4	9
10567	Foliar C, N, and P stoichiometry characterize successful plant ecological strategies in the Sonoran Desert. <i>Plant Ecology</i> , 2018, 219, 775-788.	0.7	47
10568	The effect of phase chemistry on the extent of strengthening mechanisms in model Ni-Cr-Al-Ti-Mo based superalloys. <i>Acta Materialia</i> , 2018, 153, 290-302.	3.8	60
10569	Role of heat treatment and build orientation in the microstructure sensitive deformation characteristics of IN718 produced via SLM additive manufacturing. <i>Additive Manufacturing</i> , 2018, 22, 479-496.	1.7	58
10570	The G-protein $\hat{1}^3$ subunit of <i>Phytophthora infestans</i> is involved in sporangial development. <i>Fungal Genetics and Biology</i> , 2018, 116, 73-82.	0.9	20
10571	A non-invasive approach to assess texture changes in sous-vide cooked Atlantic mackerel during chilled storage by fluorescence imaging. <i>Food Control</i> , 2018, 92, 216-224.	2.8	23
10572	Fabrication and thermoresistive behavior characterization of three-dimensional silver-polydimethylsiloxane (Ag-PDMS) microbridges in a mini-channel. <i>Sensors and Actuators A: Physical</i> , 2018, 277, 43-51.	2.0	7
10573	Computer simulation of syringomyelia in dogs. <i>BMC Veterinary Research</i> , 2018, 14, 82.	0.7	12

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10575	The impact of <i>Rhodiola rosea</i> on the gut microbial community of <i>Drosophila melanogaster</i> . <i>Gut Pathogens</i> , 2018, 10, 12.	1.6	9
10576	Multiple zinc ions maintain the open conformation of the catalytic site in the <scp>DNA</scp> mismatch repair endonuclease MutL from <i>Aquifex aeolicus</i>. <i>FEBS Letters</i> , 2018, 592, 1611-1619.	1.3	6
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10578	Leaf-level trade-offs between drought avoidance and desiccation recovery drive elevation stratification in arid oaks. <i>Ecosphere</i> , 2018, 9, e02149.	1.0	28
10579	Î <sup>24</sup> GalT1 Mediates PPARÎ <sup>3</sup> N-Glycosylation to Attenuate Microglia Inflammatory Activation. <i>Inflammation</i> , 2018, 41, 1424-1436.	1.7	4
10580	Community-wide consequences of variation in photoprotective physiology among prairie plants. <i>Photosynthetica</i> , 2018, 56, 455-467.	0.9	21
10581	FIB-SEM Sectioning Study of Decarburization Products in the Microstructure of HVOF-Sprayed WC-Co Coatings. <i>Journal of Thermal Spray Technology</i> , 2018, 27, 898-908.	1.6	25
10582	Against the rules: pressure induced transition from high to reduced order. <i>Soft Matter</i> , 2018, 14, 3978-3986.	1.2	4
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10584	Adaptable image segmentation via simple pixel classification. <i>Computational Intelligence</i> , 2018, 34, 734-762.	2.1	3
10585	<scp>NF</scp>-<scp>Y</scp>-dependent regulation of glutamate receptor 4 expression and cell survival in cells of the oligodendrocyte lineage. <i>Glia</i> , 2018, 66, 1896-1914.	2.5	8
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10587	Sensory properties of Nordic edible mushrooms. <i>Food Research International</i> , 2018, 109, 526-536.	2.9	32
10588	Determination of permeation pathways of hydrophilic or hydrophobic dyes through the mammary papilla. <i>International Journal of Pharmaceutics</i> , 2018, 545, 10-18.	2.6	12
10589	Catalytic activation of Î <sup>2</sup> -arrestin by GPCRs. <i>Nature</i> , 2018, 557, 381-386.	13.7	175
10590	Transient peak-strain matching partially recovers the age-impaired mechanoadaptive cortical bone response. <i>Scientific Reports</i> , 2018, 8, 6636.	1.6	21
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10593	Influence of <i>uvrA</i> , <i>recJ</i> and <i>recN</i> gene mutations on nucleoid reorganization in UV-treated <i>Escherichia coli</i> cells. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	6
10594	Environmental and genetic influences on the dispersal propensity of spruce budworm ( <i>Choristoneura fumiferana</i> ). <i>Agricultural and Forest Entomology</i> , 2018, 20, 433-441.	0.7	11
10595	Conservation of Intracellular Pathogenic Strategy among Distantly Related Cryptococcal Species. <i>Infection and Immunity</i> , 2018, 86, .	1.0	12
10596	First Report of Physiological Color Change in a Crocodylian. <i>Copeia</i> , 2018, 106, 264-267.	1.4	5
10597	Assessing Collagen and Elastin Pressure-dependent Microarchitectures in Live, Human Resistance Arteries by Label-free Fluorescence Microscopy. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	6
10598	Effects of anti- $\beta$ 2GPI antibodies on VWF release from human umbilical vein endothelial cells and ADAMTS13 activity. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2018, 2, 380-389.	1.0	10
10599	Magnetic resonance imaging evidences of the impact of water sorption on hardwood capillary imbibition dynamics. <i>Wood Science and Technology</i> , 2018, 52, 929-955.	1.4	34
10600	Assessment of the direct effects of DDAH I on tumour angiogenesis in vivo. <i>Angiogenesis</i> , 2018, 21, 737-749.	3.7	7
10601	Absence of Complex I Implicates Rearrangement of the Respiratory Chain in European Mistletoe. <i>Current Biology</i> , 2018, 28, 1606-1613.e4.	1.8	68
10602	A semi-automated approach to classify and map ecological zones across the dune-beach interface. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 208, 61-69.	0.9	2
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10604	High-throughput optical thickness and size characterization of 2D materials. <i>Nanoscale</i> , 2018, 10, 14441-14447.	2.8	16
10605	Impaired mitochondrial dynamics underlie axonal defects in hereditary spastic paraplegias. <i>Human Molecular Genetics</i> , 2018, 27, 2517-2530.	1.4	38
10606	Futility of current urine salbutamol doping control. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 1830-1838.	1.1	12
10607	Are there morphological and life-history traits under climate-dependent differential selection in S Tunisian <i>Diplotaxis harra</i> (Forssk.) Boiss. (Brassicaceae) populations?. <i>Ecology and Evolution</i> , 2018, 8, 1047-1062.	0.8	7
10608	Habitat constraints on carotenoid-based coloration in a small euryhaline teleost. <i>Ecology and Evolution</i> , 2018, 8, 4422-4430.	0.8	3
10609	Whole-genome sequencing in patients with ciliopathies uncovers a novel recurrent tandem duplication in <i>IFT140</i> . <i>Human Mutation</i> , 2018, 39, 983-992.	1.1	21

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10611	Metabolic engineering to enhance heterologous production of hyaluronic acid in <i>Bacillus subtilis</i> . <i>Metabolic Engineering</i> , 2018, 47, 401-413.	3.6	81
10612	Structural basis for the activation of acid ceramidase. <i>Nature Communications</i> , 2018, 9, 1621.	5.8	72
10613	Coherency image analysis to quantify collagen architecture: implications in scar assessment. <i>RSC Advances</i> , 2018, 8, 9661-9669.	1.7	64
10614	Characterizing single isolated radiation-damage events from molecular dynamics via virtual diffraction methods. <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	19
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10638	Intermittent hypoxia induces a metastatic phenotype in breast cancer. <i>Oncogene</i> , 2018, 37, 4214-4225.	2.6	100
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10716	Delayed plumage maturation explains differences in breeding performance of Saffron Finches. <i>Emu</i> , 2018, 118, 323-333.	0.2	6
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10737	Convergent shifts in host-associated microbial communities across environmentally elicited phenotypes. <i>Nature Communications</i> , 2018, 9, 952.	5.8	61
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11038	MYC drives overexpression of telomerase RNA ( <i>hTR</i> / <i>TERC</i> ) in prostate cancer. <i>Journal of Pathology</i> , 2018, 244, 11-24.	2.1	51
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11047	Highly efficient antibody purification with controlled orientation of protein A on magnetic nanoparticles. <i>MedChemComm</i> , 2018, 9, 108-112.	3.5	21
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11623	Independent homoploid hybrid speciation events in the Macaronesian endemic genus <i>Argyranthemum</i> . <i>Molecular Ecology</i> , 2018, 27, 4856-4874.	2.0	17
11624	Focal Adhesion Kinase and ROCK Signaling Are Switch-Like Regulators of Human Adipose Stem Cell Differentiation towards Osteogenic and Adipogenic Lineages. <i>Stem Cells International</i> , 2018, 2018, 1-13.	1.2	31
11625	Optimisation of a serum albumin removal protocol for use in a proteomic study to identify the protein biomarkers for silent gastric ulceration in horses. <i>Journal of Equine Science</i> , 2018, 29, 53-60.	0.2	4
11626	Predator Avoidance in the European Seabass After Recovery From Short-Term Hypoxia and Different CO <sub>2</sub> Conditions. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	3
11627	Chronic Intracortical Recording and Electrochemical Stability of Thiol-ene/Acrylate Shape Memory Polymer Electrode Arrays. <i>Micromachines</i> , 2018, 9, 500.	1.4	47
11628	Increased expression of mir-301a in PBMCs of patients with relapsing-remitting multiple sclerosis is associated with reduced NKRF and PIAS3 expression levels and disease activity. <i>Journal of Neuroimmunology</i> , 2018, 325, 79-86.	1.1	9
11629	Structural characteristics, bulk porosity and evolution of an exhumed long-lived hydrothermal system. <i>Tectonophysics</i> , 2018, 747-748, 239-258.	0.9	17
11630	Combined Electron-Diffraction, Spectroscopic, and Theoretical Determination of the Structure of <i>N</i> -Deuterio- <i>trans</i> -Methyldiazene, CH <sub>3</sub> N <sub>2</sub> . Conformational Effects of the N•N Double Bond. <i>Journal of Physical Chemistry A</i> , 2018, 122, 8600-8611.	1.1	1
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11633	Ontogeny, morphology and performance: changes in swimming stability and turning performance in the freshwater pleurodire turtle, <i>Emydura subglobosa</i> . <i>Biological Journal of the Linnean Society</i> , 0, , .	0.7	2
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11635	Identification of putative effectors of the Type IV secretion system from the <i>Wolbachia</i> endosymbiont of <i>Brugia malayi</i> . <i>PLoS ONE</i> , 2018, 13, e0204736.	1.1	18
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11637	Evaluating RGB Imaging and Multispectral Active and Hyperspectral Passive Sensing for Assessing Early Plant Vigor in Winter Wheat. <i>Sensors</i> , 2018, 18, 2931.	2.1	44
11638	Measuring Hypopharyngeal Gland Acinus Size in Honey Bee (<i>Apis mellifera</i>) Workers. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	11
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11641	Co-dependent Assembly of Drosophila piRNA Precursor Complexes and piRNA Cluster Heterochromatin. <i>Cell Reports</i> , 2018, 24, 3413-3422.e4.	2.9	29
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11643	Spatiotemporal dynamics of homologous recombination repair at single collapsed replication forks. <i>Nature Communications</i> , 2018, 9, 3882.	5.8	46
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11645	Changes in miRNA Gene Expression during Wound Repair in Differentiated Normal Human Bronchial Epithelium. <i>International Journal of Genomics</i> , 2018, 2018, 1-8.	0.8	2
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11648	<i>Candida albicans</i> Sfl1/Sfl2 regulatory network drives the formation of pathogenic microcolonies. <i>PLoS Pathogens</i> , 2018, 14, e1007316.	2.1	25
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11650	Marker Pen Device with Concentration Gradient Nib for Antibiotic Susceptibility Testing. <i>Journal of Korean Medical Science</i> , 2018, 33, e224.	1.1	0
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11657	Long-term stability of oxygen surface exchange kinetics of Pr <sub>0.8</sub> Ca <sub>0.2</sub> FeO <sub>3-<math>\delta</math></sub> against SO <sub>2</sub> -poisoning. <i>Solid State Ionics</i> , 2018, 326, 82-89.	1.3	8

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11661	Stage-specific roles of Ezh2 and Retinoic acid signaling ensure calvarial bone lineage commitment. <i>Developmental Biology</i> , 2018, 443, 173-187.	0.9	20
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11663	Efficient determination of bespoke optically active nanoparticle distributions. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 085003.	1.0	2
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11665	Investigating the Fractal Dimension of the Foveal Microvasculature in Relation to the Morphology of the Foveal Avascular Zone and to the Macular Circulation in Patients With Type 2 Diabetes Mellitus. <i>Frontiers in Physiology</i> , 2018, 9, 1233.	1.3	17
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11673	An enriched environment prevents diabetes-induced cognitive impairment in rats by enhancing exosomal miR-146a secretion from endogenous bone marrow-derived mesenchymal stem cells. <i>PLoS ONE</i> , 2018, 13, e0204252.	1.1	56
11674	Phosphate solubilizing bacteria with glucose dehydrogenase gene for phosphorus uptake and beneficial effects on wheat. <i>PLoS ONE</i> , 2018, 13, e0204408.	1.1	147
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11682	Tendon structure quantified using ultrasound imaging differs based on location and training type. <i>Journal of Applied Physiology</i> , 2018, 125, 1743-1748.	1.2	6
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11696	Super-resolution ultrasound imaging method for microvasculature in vivo with a high temporal accuracy. <i>Scientific Reports</i> , 2018, 8, 13918.	1.6	67
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11707	Effect of phacoemulsification incision size on incision repair and remodeling: Optical coherence tomography assessment. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 1336-1343.	0.7	12
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11733	Comparative genotyping and phenotyping of <i>Aspergillus fumigatus</i> isolates from humans, dogs and the environment. <i>BMC Microbiology</i> , 2018, 18, 118.	1.3	14
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11759	The Suitability of 3D Data: 3D Digitisation of Human Remains. <i>Archaeologies</i> , 2018, 14, 250-271.	0.3	8
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12051	Effect of an Edible Coating Based on Chitosan and Oxidized Starch on Shelf Life of <i>Carica papaya</i> L., and Its Physicochemical and Antimicrobial Properties. <i>Coatings</i> , 2018, 8, 318.	1.2	40
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12066	Effect of bone marrow stromal cells in combination with biomaterials in early phases of distraction osteogenesis: An experimental study in a rabbit femur model. <i>Injury</i> , 2018, 49, 1979-1986.	0.7	10
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12198	HopQ impacts the integrin $\alpha 5 \beta 1$ -independent NF- $\kappa$ B activation by <i>Helicobacter pylori</i> in CEACAM expressing cells. <i>International Journal of Medical Microbiology</i> , 2018, 308, 527-533.	1.5	20
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12200	<i>Spirocerca vulpis</i> sp. nov. (Spiruridae: Spirocercidae): description of a new nematode species of the red fox, <i>Vulpes vulpes</i> (Carnivora: Canidae). <i>Parasitology</i> , 2018, 145, 1917-1928.	0.7	20
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12342	Novel Predictors of Visual Outcome in Anti-VEGF Therapy for Myopic Choroidal Neovascularization Derived Using OCT Angiography. <i>Ophthalmology Retina</i> , 2018, 2, 1118-1124.	1.2	6
12343	Assessment of Intragranular and Extragranular Fracture in the Development of Tablet Tensile Strength. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 2581-2591.	1.6	3
12344	Phase transitions as intermediate steps in the formation of molecularly engineered protein fibers. <i>Communications Biology</i> , 2018, 1, 86.	2.0	59
12345	<i>Borago officinalis</i> seed oil (BSO), a natural source of omega-6 fatty acids, attenuates fat accumulation by activating peroxisomal beta-oxidation both in <i>C. elegans</i> and in diet-induced obese rats. <i>Food and Function</i> , 2018, 9, 4340-4351.	2.1	20
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12347	Quantitative Analysis of Renal Fibrosis Using a Colorimetric System. , 2018, , .		1
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12351	Three species of <i>Reteporella</i> (Bryozoa: Cheilostomata) in a diapiric and mud volcano field of the Gulf of Cádiz, with the description of <i>Reteporella victori</i> n. sp.. <i>Zootaxa</i> , 2018, 4375, 90-104.	0.2	5
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12486	A revised airway epithelial hierarchy includes CFTR-expressing ionocytes. <i>Nature</i> , 2018, 560, 319-324.	13.7	878
12487	Magnetic Drug Targeting: A Novel Treatment for Intramedullary Spinal Cord Tumors. <i>Scientific Reports</i> , 2018, 8, 11417.	1.6	60
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12489	Intravital microscopy of osteolytic progression and therapy response of cancer lesions in the bone. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	42
12490	EspH Suppresses Erk by Spatial Segregation from CD81 Tetraspanin Microdomains. <i>Infection and Immunity</i> , 2018, 86, .	1.0	9
12491	Inactivation of MAP3K7 in FOXD1-expressing cells results in loss of mesangial PDGFR $\beta$ and juvenile kidney scarring. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F336-F344.	1.3	9
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12520	Fisetin inhibits cell migration via inducing HO-1 and reducing MMPs expression in breast cancer cell lines. <i>Food and Chemical Toxicology</i> , 2018, 120, 528-535.	1.8	39
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12532	The ACE 2 activator diminazene aceturate (DIZE) improves left ventricular diastolic dysfunction following myocardial infarction in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 212-218.	2.5	30
12533	The investigation of Indian and central Asian swords through neutron methods. <i>Journal of Archaeological Science: Reports</i> , 2018, 20, 834-842.	0.2	4
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12539	Comparative analysis of drape characteristics of actually and virtually draped fabrics. <i>International Journal of Clothing Science and Technology</i> , 2018, 30, 286-301.	0.5	6
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12605	Potato snakin-1 gene enhances tolerance to <i>Rhizoctonia solani</i> and <i>Sclerotinia sclerotiorum</i> in transgenic lettuce plants. <i>Journal of Biotechnology</i> , 2018, 283, 62-69.	1.9	22
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12623	Beyond Porosity: 3D Leaf Intercellular Airspace Traits That Impact Mesophyll Conductance. <i>Plant Physiology</i> , 2018, 178, 148-162.	2.3	75
12624	ZEB1 and ZEB2 transcription factors are potential therapeutic targets of canine mammary cancer cells. <i>Veterinary and Comparative Oncology</i> , 2018, 16, 596-605.	0.8	13
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12627	Exploring miRNA-mRNA regulatory network in cardiac pathology in Na <sup>+</sup> /H <sup>+</sup> exchanger isoform 1 transgenic mice. <i>Physiological Genomics</i> , 2018, 50, 846-861.	1.0	14
12628	Two-tiered defense strategy may compensate for predator avoidance costs of an ecosystem engineer. <i>Marine Biology</i> , 2018, 165, 1.	0.7	13
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13007	First luminescence-depth profiles from boulders from moraine deposits: Insights into glaciation chronology and transport dynamics in Malta valley, Austria. <i>Radiation Measurements</i> , 2018, 120, 281-289.	0.7	38
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13023	NAC Transcription Factors ANAC087 and ANAC046 Control Distinct Aspects of Programmed Cell Death in the <i>Arabidopsis</i> Columella and Lateral Root Cap. <i>Plant Cell</i> , 2018, 30, 2197-2213.	3.1	96
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13033	Differential sensitivity of larvae to ocean acidification in two interacting mollusc species. <i>Marine Environmental Research</i> , 2018, 141, 66-74.	1.1	11
13034	Differential interactions of bacterial lipopolysaccharides with lipid membranes: implications for TRPA1-mediated chemosensation. <i>Scientific Reports</i> , 2018, 8, 12010.	1.6	30
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13050	Live-cell imaging of small nucleolar RNA tagged with the broccoli aptamer in yeast. <i>FEMS Yeast Research</i> , 2018, 18, .	1.1	6
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14482	Improvement in activity of cellulase Cel12A of <i>Thermotoga neapolitana</i> by error prone PCR. <i>Journal of Biotechnology</i> , 2019, 306, 118-124.	1.9	19
14483	Bone Regeneration Potential of Uncalcined and Unsintered Hydroxyapatite/Poly L-lactide Bioactive/Osteoconductive Sheet Used for Maxillofacial Reconstructive Surgery: An In Vivo Study. <i>Materials</i> , 2019, 12, 2931.	1.3	16
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14905	Paint particles are a distinct and variable substrate for marine bacteria. <i>Marine Pollution Bulletin</i> , 2019, 146, 117-124.	2.3	24
14906	The Impact of the Ketogenic Diet on Glial Cells Morphology. A Quantitative Morphological Analysis. <i>Neuroscience</i> , 2019, 413, 239-251.	1.1	28
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16763	Plasma-functionalized exfoliated multilayered graphene as cement reinforcement. <i>Composites Part B: Engineering</i> , 2019, 160, 573-585.	5.9	29
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16765	3D organization of chicken genome demonstrates evolutionary conservation of topologically associated domains and highlights unique architecture of erythrocytes™ chromatin. <i>Nucleic Acids Research</i> , 2019, 47, 648-665.	6.5	78
16766	Multilevel regulation of non-photochemical quenching and state transitions by chloroplast NADPH-dependent thioredoxin reductase. <i>Physiologia Plantarum</i> , 2019, 166, 211-225.	2.6	19
16767	Computing neurite outgrowth and arborization in superior cervical ganglion neurons. <i>Brain Research Bulletin</i> , 2019, 144, 194-199.	1.4	5
16768	CarDen: A software for fast measurement of wood density on increment cores by CT scanning. <i>Computers and Electronics in Agriculture</i> , 2019, 156, 606-617.	3.7	17
16769	Next-Generation Sequencing-Based Assessment of JAK2, PD-L1, and PD-L2 Copy Number Alterations at 9p24.1 in Breast Cancer. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 307-317.	1.2	19
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16904	Biomimetic Bottlebrush Polymer Coatings for Fabrication of Ultralow Fouling Surfaces. <i>Angewandte Chemie</i> , 2019, 131, 1322-1328.	1.6	25

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16906	Water distribution in wood after short term wetting. <i>Cellulose</i> , 2019, 26, 703-721.	2.4	11
16907	Comparison of migration disturbance potency of epigallocatechin gallate (EGCG) synthetic analogs and EGCG PEGylated PLGA nanoparticles in rat neurospheres. <i>Food and Chemical Toxicology</i> , 2019, 123, 195-204.	1.8	10
16908	The global regulator Crc orchestrates the metabolic robustness underlying oxidative stress resistance in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2019, 21, 898-912.	1.8	27
16909	Exercise training remodels human skeletal muscle mitochondrial fission and fusion machinery towards a pro-elongation phenotype. <i>Acta Physiologica</i> , 2019, 225, e13216.	1.8	74
16910	Salt-templated platinum-palladium porous macrobeam synthesis. <i>MRS Communications</i> , 2019, 9, 280-287.	0.8	5
16911	Obesity-associated Breast Inflammation among Hispanic/Latina Breast Cancer Patients. <i>Cancer Prevention Research</i> , 2019, 12, 21-30.	0.7	9
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16914	Effect of pore size distribution on compressive behavior of moderately expanded low-density polyethylene foams. <i>Polymer Engineering and Science</i> , 2019, 59, 510-518.	1.5	4
16916	The effect of plant development on thrips resistance in <i>Capsicum</i> . <i>Arthropod-Plant Interactions</i> , 2019, 13, 11-18.	0.5	9
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16918	Assessing the Facile Pretreatments of Bagasse for Efficient Enzymatic Conversion and Their Impacts on Structural and Chemical Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1095-1104.	3.2	63
16919	Bone Morphogenetic Proteins (BMPs) and Bone Regeneration. <i>Methods in Molecular Biology</i> , 2019, 1891, 235-245.	0.4	9
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16925	Optimisation of optical fibre using micro-braiding for structural health monitoring. <i>Journal of Intelligent Material Systems and Structures</i> , 2019, 30, 171-185.	1.4	9
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16927	Effect of diffusion distance on evolution of Kirkendall pores in titanium-coated nickel wires. <i>Intermetallics</i> , 2019, 104, 124-132.	1.8	10
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17043	Impaired butyrate absorption in the proximal colon, low serum butyrate and diminished central effects of butyrate on blood pressure in spontaneously hypertensive rats. <i>Acta Physiologica</i> , 2019, 226, e13256.	1.8	69
17044	Global meta-analysis of soil-disturbing vertebrates reveals strong effects on ecosystem patterns and processes. <i>Global Ecology and Biogeography</i> , 2019, 28, 661-679.	2.7	70
17045	Structures of an RNA polymerase promoter melting intermediate elucidate DNA unwinding. <i>Nature</i> , 2019, 565, 382-385.	13.7	83
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17057	Methyl cellulose/cellulose nanocrystal nanocomposite fibers with high ductility. <i>European Polymer Journal</i> , 2019, 112, 334-345.	2.6	34
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17059	Evidence for multiple ecological roles of <i>Leptographium abietinum</i> , a symbiotic fungus associated with the North American spruce beetle. <i>Fungal Ecology</i> , 2019, 38, 62-70.	0.7	28
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17063	Synthesis of SrAl <sub>2</sub> O <sub>4</sub> nanoparticles by reverse micelle method: An investigation of the effect of aging time, hydrophilic chain length and calcination temperature. <i>Nano Structures Nano Objects</i> , 2019, 17, 84-91.	1.9	3
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17068	A miniature multi-contrast microscope for functional imaging in freely behaving animals. <i>Nature Communications</i> , 2019, 10, 99.	5.8	62

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17085	Modeling Tumor Phenotypes In Vitro with Three-Dimensional Bioprinting. <i>Cell Reports</i> , 2019, 26, 608-623.e6.	2.9	169
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17088	On-chip mobile microrobotic transducer for high-temporal resolution sensing using dynamics analysis. <i>Sensors and Actuators A: Physical</i> , 2019, 288, 27-38.	2.0	3
17089	Uremic solutes modulate hepatic bile acid handling and induce mitochondrial toxicity. <i>Toxicology in Vitro</i> , 2019, 56, 52-61.	1.1	22
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17095	Reliability of Ultrasound-Guided One-Point Fixation for Zygomaticomaxillary Complex Fractures. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 218-222.	0.3	3
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17118	Clustered complementary amino acid pairing (CCAAP) for protein-protein interaction. <i>Biotechnology Letters</i> , 2019, 41, 79-90.	1.1	0
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17144	Negative phototactic response to UVR in three cosmopolitan rotifers: a video analysis approach. <i>Hydrobiologia</i> , 2019, 844, 43-54.	1.0	11
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17156	Ex-Vivo Signal Transduction Studies in Chronic Lymphocytic Leukemia. <i>Methods in Molecular Biology</i> , 2019, 1881, 1-17.	0.4	0
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17158	Isozyme-Specific Role of SAD-A in Neuronal Migration During Development of Cerebral Cortex. <i>Cerebral Cortex</i> , 2019, 29, 3738-3751.	1.6	10
17159	Unfiltered Nanofat Injections Rejuvenate Postburn Scars of Face. <i>Annals of Plastic Surgery</i> , 2019, 82, 28-33.	0.5	60
17160	Aberrant Thyroid-Stimulating Hormone Receptor Signaling Increases VEGF-A and CXCL8 Secretion of Thyroid Cancer Cells, Contributing to Angiogenesis and Tumor Growth. <i>Clinical Cancer Research</i> , 2019, 25, 414-425.	3.2	28

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17162	DNMT3L facilitates DNA methylation partly by maintaining DNMT3A stability in mouse embryonic stem cells. <i>Nucleic Acids Research</i> , 2019, 47, 152-167.	6.5	99
17163	Developmental Regulation of Nuclear Factor Erythroid-2 Related Factors ( <i>nrf2</i> ) by AHR1b in Zebrafish ( <i>Danio rerio</i> ). <i>Toxicological Sciences</i> , 2019, 167, 536-545.	1.4	3
17164	A Practical Guide to Whole Slide Imaging: A White Paper From the Digital Pathology Association. <i>Archives of Pathology and Laboratory Medicine</i> , 2019, 143, 222-234.	1.2	228
17165	Reversible deafferentation of the zebrafish olfactory bulb with wax plug insertion. <i>Journal of Neuroscience Methods</i> , 2019, 311, 47-56.	1.3	8
17166	Systematic establishment of colour descriptor states through image-based phenotyping. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2019, 17, 91-94.	0.4	6
17167	Ibrutinib significantly inhibited Bruton's tyrosine kinase (BTK) phosphorylation, <i>in-vitro</i> proliferation and enhanced overall survival in a preclinical Burkitt lymphoma (BL) model. <i>Oncotarget</i> , 2019, 8, e1512455.	2.1	17
17168	No evidence of quantitative signal honesty across species of aposematic burnet moths (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Ovele	0.8	10
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17175	Oral Co-administration of an Intramuscular DNA/Modified Vaccinia Ankara Vaccine for Simian Immunodeficiency Virus Is Associated with Better Control of Infection in Orally Exposed Infant Macaques. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 310-325.	0.5	12
17176	Novel neurotoxic peptides from <i>Protopolythoa variabilis</i> virtually interact with voltage-gated sodium channel and display anti-epilepsy and neuroprotective activities in zebrafish. <i>Archives of Toxicology</i> , 2019, 93, 189-206.	1.9	15
17177	Calpain Inhibition Increases SMN Protein in Spinal Cord Motoneurons and Ameliorates the Spinal Muscular Atrophy Phenotype in Mice. <i>Molecular Neurobiology</i> , 2019, 56, 4414-4427.	1.9	12
17178	Changes in the condition, early growth, and trophic position of lake trout ( <i>Salvelinus namaycush</i> ) in response to an experimental aquaculture operation. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 1376-1387.	0.7	0



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17180	IL22 Inhibits Epithelial Stem Cell Expansion in an Ileal Organoid Model. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 1-17.	2.3	57
17181	PKNOX2 expression and regulation in the bone marrow mesenchymal stem cells of Fanconi anemia patients and healthy donors. <i>Molecular Biology Reports</i> , 2019, 46, 669-678.	1.0	4
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17281	Maternal obesity impairs fetal cardiomyocyte contractile function in sheep. <i>FASEB Journal</i> , 2019, 33, 2587-2598.	0.2	35
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17303	High-speed photography of water drop impacts on sand and soil. <i>European Journal of Soil Science</i> , 2019, 70, 245-256.	1.8	11
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17326	Absence of the neurogenesis-dependent nuclear receptor TLX induces inflammation in the hippocampus. <i>Journal of Neuroimmunology</i> , 2019, 331, 87-96.	1.1	15
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17397	Role of syndecan-1 and exogenous heparin in hepatoma sphere formation. <i>Biochemistry and Cell Biology</i> , 2020, 98, 112-119.	0.9	8
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17448	Therapeutic Efficacy of Subcutaneous and Intraperitoneal Injections of a Single Dose of Human Umbilical Mesenchymal Stem Cells in Acute and Chronic Colitis in a Mouse Model. <i>Journal of Medical and Biological Engineering</i> , 2020, 40, 82-90.	1.0	3

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17453	Long term multiple sclerosis drug delivery using dendritic polyglycerol flower-like microspheres. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 188-206.	1.9	2
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17594	Characterization of age-dependent variability in the flank scales of two scorpaeniformes fishes by applying light and scanning electron microscopy imaging. <i>Micron</i> , 2020, 128, 102778.	1.1	15
17595	Ultraviolet radiation accelerates photodegradation under controlled conditions but slows the decomposition of senescent leaves from forest stands in southern Finland. <i>Plant Physiology and Biochemistry</i> , 2020, 146, 42-54.	2.8	22
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17876	Brain-Derived Neurotrophic Factor Has a Transsynaptic Trophic Effect on Neural Activity in an Adult Forebrain Circuit. <i>Journal of Neuroscience</i> , 2020, 40, 1226-1231.	1.7	5
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17902	Identification of novel FBN1 variations implicated in congenital scoliosis. <i>Journal of Human Genetics</i> , 2020, 65, 221-230.	1.1	20
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17911	In vitro and in vivo assays for mitochondrial fission and fusion. <i>Methods in Cell Biology</i> , 2020, 155, 491-518.	0.5	8
17912	Dynamic contrast-enhanced MRI of brown and beige adipose tissues. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 384-395.	1.9	13
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17926	Environmental and genetic constraints on cuticular hydrocarbon composition and nestmate recognition in ants. <i>Animal Behaviour</i> , 2020, 159, 105-119.	0.8	6
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17949	A novel method for quantifying insect damage to plant storage organs. <i>Entomologia Experimentalis Et Applicata</i> , 2020, 168, 113-117.	0.7	4
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17966	Mechanically Responsive Crystals: Analysis of Macroscopic Strain Reveals "Hidden" Processes. <i>Journal of Physical Chemistry A</i> , 2020, 124, 300-310.	1.1	29
17967	Enabling Free-Standing 3D Hydrogel Microstructures with Microreactive Inkjet Printing. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 1832-1839.	4.0	36
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17984	Serotonin systems in three socially communicating teleost species, the grunting toadfish ( <i>Allenbatrachus grunniens</i> ), a South American marine catfish ( <i>Ariopsis seemanni</i> ), and the upside-down catfish ( <i>Synodontis nigriventris</i> ). <i>Journal of Chemical Neuroanatomy</i> , 2020, 104, 101708.	1.0	9
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17988	Fabrication of Complex 3D Fluidic Networks via Modularized Stereolithography. <i>Advanced Engineering Materials</i> , 2020, 22, 1901109.	1.6	24

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17990	Further characterisation of <i>Haemocystidium chelodinae</i> -like Haemoproteidae isolated from the Bellinger River snapping turtle ( <i>Myuchelys georgesi</i> ). <i>Parasitology Research</i> , 2020, 119, 601-609.	0.6	4
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17993	Experimental measurement of disjoining force at the glass-salt interface: A direct evidence of salt degradation potential caused by crystallization pressure. <i>Journal of Cultural Heritage</i> , 2020, 42, 1-7.	1.5	2
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17999	Estimating damage size and remaining useful life in degraded structures using deep learning-based multi-source data fusion. <i>Structural Health Monitoring</i> , 2020, 19, 1542-1559.	4.3	23
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18009	Characterization of non- $\epsilon$ -canonical G beta-like protein FvGbb2 and its relationship with heterotrimeric G proteins in <i>Fusarium verticillioides</i> . <i>Environmental Microbiology</i> , 2020, 22, 615-628.	1.8	14
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18841	X-ray Based in Situ Investigation of Silicon Growth Mechanism Dynamics—Application to Grain and Defect Formation. <i>Crystals</i> , 2020, 10, 555.	1.0	7
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18843	An Intact Cell Bioluminescence-Based Assay for the Simple and Rapid Diagnosis of Urinary Tract Infection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5015.	1.8	11
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18850	Quantitative analysis of endobronchial ultrasound elastography in computed tomography—negative mediastinal and hilar lymph nodes. <i>Thoracic Cancer</i> , 2020, 11, 2590-2599.	0.8	10
18851	Stromal Nerve Imaging and Tracking Using Micro-Optical Coherence Tomography. <i>Translational Vision Science and Technology</i> , 2020, 9, 6.	1.1	3
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19714	The Cells and Extracellular Matrix of Human Amniotic Membrane Hinder the Growth and Invasive Potential of Bladder Urothelial Cancer Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 554530.	2.0	11
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19719	The effects of rubble mobilisation on coral fragment survival, partial mortality and growth. <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 533, 151467.	0.7	19
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19725	A non-invasive ultrasound imaging method to measure acute radiation-induced bladder wall thickening in rats. <i>Radiation Oncology</i> , 2020, 15, 240.	1.2	3
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19748	Stepwise electrochemical deposition and single-molecule conductance of nucleic acid analogues. <i>Electrochimica Acta</i> , 2020, 346, 136159.	2.6	0
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19752	The growth of endothelial-like cells in zebrafish embryoid body culture. <i>Experimental Cell Research</i> , 2020, 392, 112032.	1.2	0
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19793	Lipidâ”protein interactions for ECA1 an N-ANTH domain protein involved in stress signaling in plants. <i>Chemistry and Physics of Lipids</i> , 2020, 231, 104919.	1.5	12
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19798	The route to transcription initiation determines the mode of transcriptional bursting in <i>E. coli</i> . <i>Nature Communications</i> , 2020, 11, 2422.	5.8	28
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19800	A photostable monomeric superfolder green fluorescent protein. <i>Traffic</i> , 2020, 21, 534-544.	1.3	22
19801	<p><strong>Description of <em>Bradinopyga</em> <em>konkanensis</em> sp. nov. (Odonata:) Tj ETQq1 1 0.784314 rgBT /Overload</p>4779, 65-78.	0.2	11
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19832	Lineage and latitudinal variation in <i>Phragmites australis</i> tolerance to herbivory: implications for invasion success. <i>Oikos</i> , 2020, 129, 1341-1357.	1.2	15
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19851	Histone deacetylase 1 and 2 drive differentiation and fusion of progenitor cells in human placental trophoblasts. <i>Cell Death and Disease</i> , 2020, 11, 311.	2.7	30
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19913	Machine learning techniques for computer-aided classification of active inflammatory sacroiliitis in magnetic resonance imaging. <i>Advances in Rheumatology</i> , 2020, 60, 25.	0.8	29
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19928	Complementary Role of Co- and Post-Translational Events in <i>De Novo</i> Protein Biogenesis. <i>Journal of Physical Chemistry B</i> , 2020, 124, 6488-6507.	1.2	13
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19936	Metabolic phospholipid labeling of intact bacteria enables a fluorescence assay that detects compromised outer membranes. <i>Journal of Lipid Research</i> , 2020, 61, 870-883.	2.0	11
19937	Cold plasma treatment of <i>Arabidopsis thaliana</i> (L.) seeds modulates plant-associated microbiome composition. <i>Applied Physics Express</i> , 2020, 13, 076001.	1.1	13
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19939	Predation behaviour of the European squid <i>Loligo vulgaris</i> . <i>Journal of Ethology</i> , 2020, 38, 311-322.	0.4	4
19940	High strain and high energy density of lead-free (Bi <sub>0.50</sub> Na <sub>0.40</sub> K <sub>0.10</sub> ) <sub>0.94</sub> Ba <sub>0.06</sub> Ti(1- <i>x</i> )(Al <sub>0.50</sub> Ta <sub>0.50</sub> ) <sub>x</sub> O <sub>3</sub> perovskite ceramics. <i>Journal of Materials Science</i> , 2020, 55, 11137-11150.	1.7	19
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19942	Neuronal Inactivity Co-opts LTP Machinery to Drive Potassium Channel Splicing and Homeostatic Spike Widening. <i>Cell</i> , 2020, 181, 1547-1565.e15.	13.5	44
19943	nPASym: an open-source plugin for ImageJ to quantify nuclear shape asymmetry. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 196, 105562.	2.6	1
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19946	Optimization of culture duration of bone marrow cells before transplantation with a $\beta$ -tricalcium phosphate/recombinant collagen peptide hybrid scaffold. <i>Regenerative Therapy</i> , 2020, 14, 284-295.	1.4	7
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19969	Peroxisomal targeting of a protein phosphatase type 2C via mitochondrial transit. Nature Communications, 2020, 11, 2355.	5.8	18
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19975	MUC1 contributes to goblet cell metaplasia and MUC5AC expression in response to cigarette smoke <i>in vivo</i> . <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L82-L90.	1.3	18
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19988	Modulatory effect of chemokines on porcine endometrial stromal and endothelial cells. <i>Domestic Animal Endocrinology</i> , 2020, 72, 106475.	0.8	4

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19990	Effusive-explosive transitions of water-undersaturated magmas. The case study of Methana Volcano, South Aegean Arc. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 399, 106884.	0.8	16
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19992	MAS NMR Investigation of Molecular Order in an Ionic Liquid Crystal. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4975-4988.	1.2	17
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19997	Gaussian position-weighted center of gravity algorithm for multiplexed readout. <i>Physics in Medicine and Biology</i> , 2020, 65, 165003.	1.6	9
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20036	Tuning shape and internal structure of protein droplets via biopolymer filaments. <i>Soft Matter</i> , 2020, 16, 5659-5668.	1.2	22
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20063	Quantitative evaluation of carotid atherosclerotic vulnerable plaques using in vivo T1 mapping cardiovascular magnetic resonance: validation by histology. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 38.	1.6	12
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20074	Molecular and structural characterization of disease-associated APE1 polymorphisms. <i>DNA Repair</i> , 2020, 91-92, 102867.	1.3	17
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20078	MORPHOLOGICAL DIVERSITY OF FACIAL VIBRISSAE IN <i>Chaetophractus vellerosus</i> (MAMMALIA, XENARTHRA.) <i>Tj ET Oq 1 1 0.784314 rg BT</i>	0.6	1

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20081	Early Increase in Cortical T <sub>2</sub> Relaxation Is a Prognostic Biomarker for the Evolution of Severe Cortical Damage, but Not for Epileptogenesis, after Experimental Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 2580-2594.	1.7	15
20082	The Arabidopsis Protein CGL20 Is Required for Plastid 50S Ribosome Biogenesis. <i>Plant Physiology</i> , 2020, 182, 1222-1238.	2.3	14
20083	Nocturnal foragers exploit tree exudates from holes gouged by diurnal common marmoset monkeys ( <i>T. j. ETQq0 0 0 ggBT /Overlock 10 T</i> )	1.3	1
20084	The decline of FANCM immunohistochemical expression in prostate cancer stroma correlates with the grade group. <i>Pathology International</i> , 2020, 70, 542-550.	0.6	3
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20092	Cell Wall Reinforcements Accompany Chilling and Freezing Stress in the Streptophyte Green Alga <i>Klebsormidium crenulatum</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 873.	1.7	19
20093	Early Prediction of Corpus Luteum Functionality Using an Imaging Software. <i>Frontiers in Veterinary Science</i> , 2020, 7, 299.	0.9	2
20094	Pretreatment of Anthocyanin from the Fruit of <i>Vitis coignetiae</i> Pulliat Acts as a Potent Inhibitor of TNF- $\alpha$ Effect by Inhibiting NF- $\kappa$ B-Regulated Genes in Human Breast Cancer Cells. <i>Molecules</i> , 2020, 25, 2396.	1.7	18
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20098	Superparamagnetic polyacrylamide/magnetite composite gels. <i>Journal of Dispersion Science and Technology</i> , 0, , 1-9.	1.3	8
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20102	The Novel J-Domain Protein Mrj1 Is Required for Mitochondrial Respiration and Virulence in <i>Cryptococcus neoformans</i> . <i>MBio</i> , 2020, 11, .	1.8	15
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20108	A Revised Surgical Approach to Induce Endolymphatic Hydrops in the Guinea Pig. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	4
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20110	Long-term evaluation of alendronate treatment on the healing of calvaria bone defects in rats. Biochemical, histological and immunohistochemical analyses. <i>Archives of Oral Biology</i> , 2020, 117, 104779.	0.8	0
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20112	Rapid Pyrolysis of Pulverized Biomass at a High Temperature: The Effect of Particle Size on Char Yield, Retentions of Alkali and Alkaline Earth Metallic Species, and Char Particle Shape. <i>Energy &amp; Fuels</i> , 2020, 34, 7140-7148.	2.5	16
20113	A practical assessment of nano-phosphate on soybean ( <i>Glycine max</i> ) growth and microbiome establishment. <i>Scientific Reports</i> , 2020, 10, 9151.	1.6	18
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20116	Novel cytokinetic ring components drive negative feedback in cortical contractility. <i>Molecular Biology of the Cell</i> , 2020, 31, 1623-1636.	0.9	18
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20118	Comparative Analysis of Root Microbiomes of Rice Cultivars with High and Low Methane Emissions Reveals Differences in Abundance of Methanogenic Archaea and Putative Upstream Fermenters. <i>MSystems</i> , 2020, 5, .	1.7	29
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20121	The fungal endophyte <i>Epichloa festucae</i> var. <i>lolii</i> plays a limited role in mediating crown rust severity in perennial ryegrass. <i>Crop Science</i> , 2020, 60, 1090-1104.	0.8	6
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20127	Shear strain and volume change associated with sigmoidal vein arrays in the Boda Claystone. <i>Journal of Structural Geology</i> , 2020, 138, 104105.	1.0	9
20128	Morphological diversity of the metathoracic spiracle in the Lygaeoidea (Hemiptera: Heteroptera). <i>Micron</i> , 2020, 137, 102878.	1.1	3
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20130	An Erg-driven transcriptional program controls B cell lymphopoiesis. <i>Nature Communications</i> , 2020, 11, 3013.	5.8	29
20131	Structure of complete Pol IIâ€™DSIFâ€™PAFâ€™SPT6 transcription complex reveals RTF1 allosteric activation. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 668-677.	3.6	98
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20134	In vitro characterization of osteoblast cells on polyelectrolyte multilayers containing detonation nanodiamonds. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 055026.	1.7	2
20135	Antisense oligonucleotide-mediated correction of CFTR splicing improves chloride secretion in cystic fibrosis patient-derived bronchial epithelial cells. <i>Nucleic Acids Research</i> , 2020, 48, 7454-7467.	6.5	26
20136	Disentangling the behavioural variability of confined cell migration. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20190689.	1.5	21
20137	Myelination- and immune-mediated MR-based brain network correlates. <i>Journal of Neuroinflammation</i> , 2020, 17, 186.	3.1	12
20138	Simultaneous deletion of <i>Prdm1</i> and <i>Vsx2</i> enhancers in the retina alters photoreceptor and bipolar cell fate specification, yet differs from deleting both genes. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	22
20139	Assessing constituent volumes and morphology of bovine casein micelles using cryo-electron tomography. <i>Journal of Dairy Science</i> , 2020, 103, 3971-3979.	1.4	12
20140	miRNA-mRNA Profiling Reveals Prognostic Impact of <i>SMC1A</i> Expression in Acute Myeloid Leukemia. <i>Oncology Research</i> , 2020, 28, 321-330.	0.6	8
20141	Quantification of diabetic macular ischemia using novel three-dimensional optical coherence tomography angiography metrics. <i>Journal of Biophotonics</i> , 2020, 13, e202000152.	1.1	26
20142	Evaluation of liver iron overload with R2* relaxometry with versus without fat suppression: both are clinically accurate but there are differences. <i>European Radiology</i> , 2020, 30, 5826-5833.	2.3	5
20143	Spatio-temporal variation in seed traits affects the occurrence and body-size pattern of a seed-feeding beetle (Chrysomelidae: Bruchinae) in Brazilian Cerrado. <i>Acta Oecologica</i> , 2020, 105, 103579.	0.5	4
20144	Controlling crack formation and porosity in laser powder bed fusion: Alloy design and process optimisation. <i>Additive Manufacturing</i> , 2020, 34, 101360.	1.7	22
20145	Monitoring and quantification of bioelectrochemical <i>Kyrpidia spormannii</i> biofilm development in a novel flow cell setup. <i>Chemical Engineering Journal</i> , 2020, 390, 124604.	6.6	20
20146	Antibacterial properties of Magainin II peptide onto 304 stainless steel surfaces: A comparison study of two dopamine modification methods. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 194, 111198.	2.5	20
20147	Optical range determination of clinical proton beams in water. A comparison with standard measurement methods. <i>Physica Medica</i> , 2020, 73, 197-203.	0.4	1
20148	Spillback nozzle characterization using pulsating LED shadowgraphy. <i>Experimental Thermal and Fluid Science</i> , 2020, 119, 110172.	1.5	3
20149	Contribution of decomposing plant roots to N2O emissions by water absorption. <i>Geoderma</i> , 2020, 375, 114506.	2.3	11
20150	Robust Fabrication of Composite 3D Scaffolds with Tissue-Specific Bioactivity: A Proof-of-Concept Study. <i>ACS Applied Bio Materials</i> , 2020, 3, 4974-4986.	2.3	9

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20159	Mesenchymal stem cell-derived exosomes suppress proliferation of T cells by inducing cell cycle arrest through p27kip1/Cdk2 signaling. <i>Immunology Letters</i> , 2020, 225, 16-22.	1.1	31
20160	Size Fractionation of Titania Nanoparticles in Wild <i>Dittrichia viscosa</i> Grown in a Native Environment. <i>Environmental Science &amp; Technology</i> , 2020, 54, 8649-8657.	4.6	8
20161	Non-invasive monitoring of chronic liver disease via near-infrared and shortwave-infrared imaging of endogenous lipofuscin. <i>Nature Biomedical Engineering</i> , 2020, 4, 801-813.	11.6	34
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20166	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
20167	Calcite Deposits Differentiate Cave from House-Farmed Edible Bird's Nest as shown by SEM-EDX, ATR-FTIR and Raman Microspectroscopy. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2487-2492.	1.7	7
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20170	DIVA: Natural Navigation Inside 3D Images Using Virtual Reality. <i>Journal of Molecular Biology</i> , 2020, 432, 4745-4749.	2.0	15
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20172	Multifractality of light in photonic arrays based on algebraic number theory. <i>Communications Physics</i> , 2020, 3, .	2.0	12
20173	Cholinergic regulation along the pulmonary arterial tree of the South American rattlesnake: vascular reactivity, muscarinic receptors, and vagal innervation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 319, R156-R170.	0.9	8
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20175	Plant Functional Traits on Tropical Ultramafic Habitats Affected by Fire and Mining: Insights for Reclamation. <i>Diversity</i> , 2020, 12, 248.	0.7	9
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20178	Small Molecule Dysregulation of TEAD Lipidation Induces a Dominant-Negative Inhibition of Hippo Pathway Signaling. <i>Cell Reports</i> , 2020, 31, 107809.	2.9	88
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20188	Software tools for 3D nuclei segmentation and quantitative analysis in multicellular aggregates. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 1287-1300.	1.9	33
20189	Multi-sulfonated ligands on gold nanoparticles as virucidal antiviral for Dengue virus. <i>Scientific Reports</i> , 2020, 10, 9052.	1.6	32
20190	Three-dimensional dusty plasma in a strong magnetic field: Observation of rotating dust tori. <i>Physics of Plasmas</i> , 2020, 27, .	0.7	29
20191	Crystal structure of a conformational antibody that binds tau oligomers and inhibits pathological seeding by extracts from donors with Alzheimer's disease. <i>Journal of Biological Chemistry</i> , 2020, 295, 10662-10676.	1.6	21
20192	Magnetic anisotropy reveals Acadian transpressional fabrics in an Appalachian ophiolite (Thetford) Tj ETQq1 1 0.784314 rgBT <sub>3</sub> /Overlook	1.0	10
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20196	Genetic analysis of osteoblast activity identifies Zbtb40 as a regulator of osteoblast activity and bone mass. <i>PLoS Genetics</i> , 2020, 16, e1008805.	1.5	15
20197	Phenotypic responses of foxtail millet ( <i>Setaria italica</i> ) genotypes to phosphate supply under greenhouse and natural field conditions. <i>PLoS ONE</i> , 2020, 15, e0233896.	1.1	13
20198	&lt;p&gt;Exosomal lncRNA AK139128 Derived from Hypoxic Cardiomyocytes Promotes Apoptosis and Inhibits Cell Proliferation in Cardiac Fibroblasts&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3363-3376.	3.3	44
20199	Single-Molecule Imaging of Telomerase RNA Reveals a Recruitment-Retention Model for Telomere Elongation. <i>Molecular Cell</i> , 2020, 79, 115-126.e6.	4.5	42
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20201	Synthesis and in-situ characterization of photochromic yttrium oxyhydride grown by reactive eâ <sup>+</sup> -beam evaporation. <i>Scripta Materialia</i> , 2020, 186, 352-356.	2.6	15
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20204	Vein patterning by tissue-specific auxin transport. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	15



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20206	Habitat zonation on coral reefs: Structural complexity, nutritional resources and herbivorous fish distributions. <i>PLoS ONE</i> , 2020, 15, e0233498.	1.1	29
20207	Investigation on the melt ejection and burr formation during laser fusion cutting of stainless steel. <i>Journal of Laser Applications</i> , 2020, 32, .	0.8	16
20208	The Neogene Savannas of North America: A Retrospective Analysis on Artiodactyl Faunas. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	13
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20213	<i>Trypanosoma cruzi</i> could affect wild triatomine approaching behaviour to humans by altering vector nutritional status: A field test. <i>Acta Tropica</i> , 2020, 210, 105574.	0.9	17
20214	PunctaSpecks: A tool for automated detection, tracking, and analysis of multiple types of fluorescently labeled biomolecules. <i>Cell Calcium</i> , 2020, 89, 102224.	1.1	3
20215	Pore-scale mechanisms of immiscible and miscible gas injection in fractured carbonates. <i>Fuel</i> , 2020, 275, 117909.	3.4	11
20216	From fabric to tissue: Recovered wool keratin/polyvinylpyrrolidone biocomposite fibers as artificial scaffold platform. <i>Materials Science and Engineering C</i> , 2020, 116, 111151.	3.8	37
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20240	Anisotropic diffusion assessment in salmon ( <i>salmo salar</i> ) composite muscle tissue: Theoretical and image-processing experimental approaches. <i>Food and Bioproducts Processing</i> , 2020, 123, 31-41.	1.8	0
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20261	Prospective interspecies interaction between Siberian and Ezo salamander larvae. <i>Ecological Research</i> , 2020, 35, 533-539.	0.7	3
20262	A new structure on the frons of male adults of the Asian rice spittlebug <i>Callitettix versicolor</i> (Hemiptera: Auchenorrhyncha: Cercopidae). <i>Zootaxa</i> , 2020, 4801, zootaxa.4801.3.12.	0.2	6
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20381	A 6-nm ultra-photostable DNA FluoroCube for fluorescence imaging. <i>Nature Methods</i> , 2020, 17, 437-441.	9.0	41
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20403	Overexpressing <i>Jatropha curcas</i> CBF2 in <i>Nicotiana benthamiana</i> improved plant tolerance to drought stress. <i>Gene</i> , 2020, 742, 144588.	1.0	12

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20405	Sanitizing efficacy and antimicrobial mechanism of peracetic acid against histamine-producing bacterium, <i>Morganella psychrotolerans</i> . <i>LWT - Food Science and Technology</i> , 2020, 126, 109263.	2.5	15
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20564	Invasive freshwater fish ( <i>Leuciscus leuciscus</i> ) acts as a sink for a parasite of native brown trout <i>Salmo trutta</i> . <i>Biological Invasions</i> , 2020, 22, 2235-2250.	1.2	13
20565	Order "disorder phase transition of the subsurface cation vacancy reconstruction on Fe <sub>3</sub> O <sub>4</sub> (001). <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 8336-8343.	1.3	8

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20567	MicroRNA160 regulates leaf curvature in potato (<i>Solanum tuberosum</i> L. cv. DÃ©sirÃ©e). <i>Plant Signaling and Behavior</i> , 2020, 15, 1744373.	1.2	8
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21831	Melanocyte Precursors in the Hair Follicle Bulge of Repigmented Vitiligo Skin Are Controlled by RHO-GTPase, KCTD10, and CTNNB1 Signaling. <i>Journal of Investigative Dermatology</i> , 2021, 141, 638-647.e13.	0.3	7
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21833	Optogenetic Stimulation Reduces Neuronal Nitric Oxide Synthase Expression After Stroke. <i>Translational Stroke Research</i> , 2021, 12, 347-356.	2.3	12
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21835	Artesunate synergizes with sorafenib to induce ferroptosis in hepatocellular carcinoma. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 301-310.	2.8	147
21836	Multi-species restoration accelerates recovery of extinguished oyster reefs. <i>Journal of Applied Ecology</i> , 2021, 58, 286-294.	1.9	18
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21839	The effect of ploidy number on vigor, productivity, and potential adaptation to climate change in annual <i>Medicago</i> species. <i>Crop Science</i> , 2021, 61, 89-103.	0.8	11
21840	Performance comparison of resin-infused thermoplastic and thermoset 3D fabric composites under impact loading. <i>International Journal of Mechanical Sciences</i> , 2021, 189, 105984.	3.6	40
21841	High pressure jet spray drying of condensed skim milk results in powders with enhanced interfacial properties. <i>Journal of Food Engineering</i> , 2021, 292, 110249.	2.7	3
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21845	The association between carotid calcium on dental panoramic radiographs and coronary calcium score on chest computerized tomography. <i>Dentomaxillofacial Radiology</i> , 2021, 50, 20200174.	1.3	3
21846	Rotational properties of annulus dusty plasma in a strong magnetic field. <i>Contributions To Plasma Physics</i> , 2021, 61, .	0.5	9
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21851	Versatile lysine dendrigrafts and polyethylene glycol hydrogels with inherent biological properties: in vitro cell behavior modulation and in vivo biocompatibility. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 926-937.	2.1	7
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21857	Quantification of <i>Colletotrichum fioriniae</i> in Orchards and Deciduous Forests Indicates It Is Primarily a Leaf Endophyte. <i>Phytopathology</i> , 2021, 111, 333-344.	1.1	20
21858	Estimation of dairy goat body composition: A direct calibration and comparison of eight methods. <i>Methods</i> , 2021, 186, 68-78.	1.9	38
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21886	Intraspecific trait variation influences physiological performance and fitness in the South Africa shrub genus <i>Protea</i> (Proteaceae). <i>Annals of Botany</i> , 2021, 127, 519-531.	1.4	9
21887	Nonlinear maternal effects on personality in a rodent species with fluctuating densities. <i>Environmental Epigenetics</i> , 2021, 67, 1-9.	0.9	5
21888	Molecular design of fluorescent pH sensors based on reduced rhodol by structure-pKa relationship for imaging of lysosome. <i>Dyes and Pigments</i> , 2021, 184, 108785.	2.0	17
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21894	Microplastics and other harmful substances released from disposable paper cups into hot water. <i>Journal of Hazardous Materials</i> , 2021, 404, 124118.	6.5	120
21895	Suppression of pancreatic cancer liver metastasis by secretion-deficient ITIH5. <i>British Journal of Cancer</i> , 2021, 124, 166-175.	2.9	11
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21897	Fault-Controlled Magma Ascent Recorded in the Central Series of the Rum Layered Intrusion, NW Scotland. <i>Journal of Petrology</i> , 2021, 61, .	1.1	4
21898	Distinct microRNA profiles for complete hydatidiform moles at risk of malignant progression. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 372.e1-372.e30.	0.7	16
21899	Constructing zwitterionic nanofiber film for anti-adhesion of marine corrosive microorganisms. <i>Journal of Materials Science and Technology</i> , 2021, 70, 145-155.	5.6	6
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21906	Human Stem Cell-Derived Neurons Repair Circuits and Restore Neural Function. <i>Cell Stem Cell</i> , 2021, 28, 112-126.e6.	5.2	88
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21908	A symbiotic nutrient exchange within the cyanosphere microbiome of the biocrust cyanobacterium, <i>Microcoleus vaginatus</i> . <i>ISME Journal</i> , 2021, 15, 282-292.	4.4	44
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21910	Plant traits controlling growth change in response to a drier climate. <i>New Phytologist</i> , 2021, 229, 1363-1374.	3.5	26
21911	Intracellular Self-Assembly of Peptide Conjugates for Tumor Imaging and Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001211.	3.9	53
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21913	Nitrogen recovery from fertilizer and use efficiency response to <i>Bradyrhizobium</i> sp. and <i>Azospirillum brasilense</i> combined with N rates in cowpea-wheat crop sequence. <i>Applied Soil Ecology</i> , 2021, 157, 103764.	2.1	22
21914	Simultaneous multiple droplet impact and their interactions on a heated surface. <i>Experimental Thermal and Fluid Science</i> , 2021, 120, 110255.	1.5	18
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21916	Five novel mutations in SASH1 contribute to lentiginous phenotypes in Japanese families. <i>Pigment Cell and Melanoma Research</i> , 2021, 34, 174-178.	1.5	9
21917	Female preference for dominant males in the Mexican mojarra cichlid fish, <i>Cichlasoma istlanum</i> . <i>Journal of Fish Biology</i> , 2021, 98, 189-195.	0.7	4
21918	Dissecting Contrasts in Cell Death, Hormone, and Defense Signaling in Response to <i>Botrytis cinerea</i> and Reactive Oxygen Species. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 75-87.	1.4	7
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21925	Heat-induced hollow microcapsule formation using fava bean legumin. <i>Food Hydrocolloids</i> , 2021, 112, 106207.	5.6	5
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21927	Raman spectroscopic and magnetic properties of Europium doped nickel oxide nanoparticles prepared by microwave-assisted hydrothermal method. <i>Journal of Alloys and Compounds</i> , 2021, 858, 157639.	2.8	23
21928	Physiological, biochemical and transcriptional responses of <i>Passiflora edulis</i> Sims f. <i>edulis</i> under progressive drought stress. <i>Scientia Horticulturae</i> , 2021, 275, 109655.	1.7	10
21929	Histological validation of simultaneous non-contrast angiography and intraplaque hemorrhage imaging (SNAP) for characterizing carotid intraplaque hemorrhage. <i>European Radiology</i> , 2021, 31, 3106-3115.	2.3	11
21930	Lung pathology due to hRSV infection impairs blood-brain barrier permeability enabling astrocyte infection and a long-lasting inflammation in the CNS. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 159-171.	2.0	19
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21933	Crystallization mechanism of BaO-CaO-Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> (BCAS) glass thin-films. <i>Journal of Non-Crystalline Solids</i> , 2021, 551, 120406.	1.5	6
21934	Proteome-wide modulation of S-nitrosylation in <i>Trypanosoma cruzi</i> trypomastigotes upon interaction with the host extracellular matrix. <i>Journal of Proteomics</i> , 2021, 231, 104020.	1.2	4
21935	Habitat use and movements of a large dragonfly (Odonata: <i>Anax imperator</i> ) in a pond network. <i>Freshwater Biology</i> , 2021, 66, 241-255.	1.2	7
21936	Physio-biochemical and molecular assessment of Iron (Fe <sup>2+</sup> ) toxicity responses in contrasting indigenous aromatic Joha rice cultivars of Assam, India. <i>Protoplasma</i> , 2021, 258, 289-299.	1.0	12
21937	Characterization of natural killer cells in colorectal tumor tissue of rats fed a control diet or a high-fat diet. <i>Annals of Anatomy</i> , 2021, 233, 151586.	1.0	3
21938	Material ejection dynamics in direct-writing of low resistivity tracks by laser-induced reverse transfer. <i>Applied Surface Science</i> , 2021, 536, 147924.	3.1	2



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21942	Toward a facile fabrication route for all-cellulose composite laminates via partial dissolution in aqueous tetrabutylphosphonium hydroxide solution. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 140, 106148.	3.8	4
21943	Molecular and morphological sex differentiation in sablefish ( <i>Anoplopoma fimbria</i> ), a marine teleost with XX/XY sex determination. <i>Gene</i> , 2021, 764, 145093.	1.0	14
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21948	Toxicity of polystyrene nanoplastics in <i>Ctenopharyngodon idella</i> juveniles: A genotoxic, mutagenic and cytotoxic perspective. <i>Science of the Total Environment</i> , 2021, 752, 141937.	3.9	55
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21951	Microplastic fibres from synthetic textiles: Environmental degradation and additive chemical content. <i>Environmental Pollution</i> , 2021, 268, 115745.	3.7	144
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21953	Intranasal mesenchymal stem cell therapy to boost myelination after encephalopathy of prematurity. <i>Glia</i> , 2021, 69, 655-680.	2.5	18
21954	Toxicological alterations induced by subacute exposure of silver nanoparticles in Wistar rats. <i>Journal of Applied Toxicology</i> , 2021, 41, 972-986.	1.4	12
21955	Effect of Mn doping on magnetodielectric properties of polycrystalline BiFeO <sub>3</sub> ceramics. <i>Journal of Alloys and Compounds</i> , 2021, 854, 156981.	2.8	7
21956	Contrasting physiological traits of shade tolerance in <i>Pinus</i> and <i>Podocarpaceae</i> native to a tropical Vietnamese forest: insight from an aberrant flat-leaved pine. <i>Tree Physiology</i> , 2021, 41, 223-239.	1.4	4

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21958	The cell and stress-specific canonical and noncanonical tRNA cleavage. <i>Journal of Cellular Physiology</i> , 2021, 236, 3710-3724.	2.0	11
21959	Effects of sodium hexametaphosphate, sodium tripolyphosphate and sodium pyrophosphate on the ultrastructure of beef myofibrillar proteins investigated with atomic force microscopy. <i>Food Chemistry</i> , 2021, 338, 128146.	4.2	47
21960	Optimization of sintering conditions for improved microstructural and mechanical properties of dense Ce <sub>0.8</sub> Gd <sub>0.2</sub> O <sub>2</sub> -FeCo <sub>2</sub> O <sub>4</sub> oxygen transport membranes. <i>Journal of the European Ceramic Society</i> , 2021, 41, 509-516.	2.8	15
21961	Genotype and cytokinin effects on soybean yield and biological nitrogen fixation across soil temperatures. <i>Annals of Applied Biology</i> , 2021, 178, 341-354.	1.3	8
21962	In vivo neuroprotective effect of a self-assembled peptide hydrogel. <i>Chemical Engineering Journal</i> , 2021, 408, 127295.	6.6	15
21963	Blood parasites and acute osteomyelitis in a non-avian dinosaur (Sauropoda, Titanosauria) from the Upper Cretaceous Adamantina Formation, Bauru Basin, Southeast Brazil. <i>Cretaceous Research</i> , 2021, 118, 104672.	0.6	15
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21965	Analyzing the ignition differences between conventional spark discharges and nanosecond-pulsed high-frequency discharges. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 6615-6622.	2.4	14
21966	An in vitro alveolar epithelial cell model recapitulates LRRK2 inhibitor-induced increases in lamellar body size observed in preclinical models. <i>Toxicology in Vitro</i> , 2021, 70, 105012.	1.1	5
21967	Differences in otolith shape and fluctuating asymmetry between reared and wild gilthead seabream ( <i>Sparus aurata</i> Linnaeus, 1758). <i>Journal of Fish Biology</i> , 2021, 98, 277-286.	0.7	12
21968	Plant growth shapes the effects of elevation on the content and variability of flavonoids in subalpine bilberry stands. <i>Plant Biology</i> , 2021, 23, 241-249.	1.8	10
21969	Aquaporin-5 regulation of cell-cell adhesion proteins: an elusive $\epsilon$ -story. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C282-C292.	2.1	19
21970	Distribution and co-expression of adrenergic receptor-encoding mRNA in the mouse inferior colliculus. <i>Journal of Comparative Neurology</i> , 2021, 529, 1743-1755.	0.9	2
21971	Morphological identification of thoracolumbar spinal afferent nerve endings in mouse uterus. <i>Journal of Comparative Neurology</i> , 2021, 529, 2029-2041.	0.9	6
21972	ALDH2 mutation promotes skeletal muscle atrophy in mice via accumulation of oxidative stress. <i>Bone</i> , 2021, 142, 115739.	1.4	12
21973	Preliminary insights on the fine-scale responses in larval <i>Gilchristella aestuaria</i> (Family Clupeidae) and dominant zooplankton to estuarine harmful algal blooms. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 249, 107072.	0.9	22
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21978	Does visceral adiposity have an effect on the survival outcomes of the patients with endometrial cancer?. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 560-569.	0.6	13
21979	Contrasting trajectories in macrophyte community development after shoreline restoration: water level obscures trends. <i>Aquatic Botany</i> , 2021, 169, 103327.	0.8	4
21980	Expression, purification and characterisation of large quantities of recombinant human IAPP for mechanistic studies. <i>Biophysical Chemistry</i> , 2021, 269, 106511.	1.5	10
21981	Field-based measurements of volcanic ash resuspension by wind. <i>Earth and Planetary Science Letters</i> , 2021, 554, 116684.	1.8	11
21982	Application of bioactive glycolipids to control <i>Listeria monocytogenes</i> biofilms and as post-lethality contaminants in milk and cheese. <i>Food Microbiology</i> , 2021, 95, 103683.	2.1	12
21983	Inherited DNA Repair Defects Disrupt the Structure and Function of Human Skin. <i>Cell Stem Cell</i> , 2021, 28, 424-435.e6.	5.2	10
21984	Echotexture Analysis of Prostate Parenchyma for Detection of Benign Prostatic Hyperplasia in Dogs. <i>Topics in Companion Animal Medicine</i> , 2021, 42, 100501.	0.4	1
21985	Cold shock induces novel nuclear bodies in <i>Xenopus</i> oocytes. <i>Experimental Cell Research</i> , 2021, 398, 112386.	1.2	1
21986	Advances and opportunities in image analysis of bacterial cells and communities. <i>FEMS Microbiology Reviews</i> , 2021, 45, .	3.9	52
21987	Assessing complexity in hominid dental evolution: Fractal analysis of great ape and human molars. <i>American Journal of Physical Anthropology</i> , 2021, 174, 352-362.	2.1	2
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21990	Acrylamide precipitation polymerization in a continuous flow reactor: an in situ FTIR study reveals kinetics. <i>Colloid and Polymer Science</i> , 2021, 299, 221-232.	1.0	11
21991	Differential intraspecific genetic variations of the closely related, wide-ranged freshwater copepods <i>Cyclops vicinus</i> Uljanin, 1875 and <i>C. kikuchii</i> Smirnov, 1932. <i>Limnology</i> , 2021, 22, 209-219.	0.8	2
21992	Sperm storage in coral snakes: A spermatozoa ultrastructural approach (Serpentes: Elapidae). <i>Zoologischer Anzeiger</i> , 2021, 290, 49-57.	0.4	1

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21994	X-aptamers targeting Thy-1 membrane glycoprotein in pancreatic ductal adenocarcinoma. <i>Biochimie</i> , 2021, 181, 25-33.	1.3	9
21995	Determination of preferential binder oxidation in HTGR matrix material subjected to high temperature steam. <i>Journal of Nuclear Materials</i> , 2021, 544, 152674.	1.3	4
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21997	Identification of effective pollinators of <i>Primula sieboldii</i> E. Morren in a wild habitat in Hiroshima, Japan. <i>Plant Species Biology</i> , 2021, 36, 157-169.	0.6	3
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21999	A Versatile Reporter System To Monitor Virus-Infected Cells and Its Application to Dengue Virus and SARS-CoV-2. <i>Journal of Virology</i> , 2021, 95, .	1.5	21
22000	High-Frequency Neuronal Bursting is Essential for Circadian and Sleep Behaviors in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2021, 41, 689-710.	1.7	15
22001	Plant apparency drives leaf herbivory in seedling communities across four subtropical forests. <i>Oecologia</i> , 2021, 195, 575-587.	0.9	10
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22004	Quantifying the "press and peel" removal of particulates using elastomers and gels. <i>Journal of Cultural Heritage</i> , 2021, 48, 236-243.	1.5	8
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22012	Orientation Preference Maps in <i>Microcebus murinus</i> Reveal Size-Invariant Design Principles in Primate Visual Cortex. <i>Current Biology</i> , 2021, 31, 733-741.e7.	1.8	21
22013	Middle age as a turning point in mouse cerebral cortex energy and redox metabolism: Modulation by every-other-day fasting. <i>Experimental Gerontology</i> , 2021, 145, 111182.	1.2	22
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22015	A Needle in the Haystack – Mapping Sequences to Morphology Exemplified by the Loricata Choanoflagellate <i>Enibas thessalia</i> sp. nov. (Acanthoecida, Acanthoecidae). <i>Protist</i> , 2021, 172, 125782.	0.6	7
22016	Seed dispersal, directed deterrence and germination in gifboom ( <i>Hyaenanche globosa</i> ;) Tj ETQq1 1 0.784314 rgBT /Overlock 4 Tf 50	1.2	4
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22018	Ultrastructural evidence for an unusual mode of ciliogenesis in mouse multiciliated epithelia. <i>Microscopy (Oxford, England)</i> , 2021, 70, 308-315.	0.7	2
22019	High water availability in drought tolerant crops is driven by root engineering of the soil micro-habitat. <i>Geoderma</i> , 2021, 383, 114738.	2.3	15
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22022	A NMR and SANS study of alkali-borosilicate behaviour under thermal neutron irradiation. <i>Journal of Nuclear Materials</i> , 2021, 544, 152699.	1.3	2
22023	The Mechanism of NEDD8 Activation of CUL5 Ubiquitin E3 Ligases. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100019.	2.5	10
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22025	Comparison of adequacy between transbronchial lung cryobiopsy samples and endobronchial ultrasound-guided transbronchial needle aspiration samples for next-generation sequencing analysis. <i>Thoracic Cancer</i> , 2021, 12, 251-258.	0.8	13
22026	Intraspecific trait variability and genetic diversity in the adaptive strategies of serpentine and non-serpentine populations of <i>Silene paradoxa</i> L.. <i>Plant and Soil</i> , 2021, 460, 105-121.	1.8	6
22027	A self-powered skin-patch electrochromic biosensor. <i>Biosensors and Bioelectronics</i> , 2021, 175, 112879.	5.3	42
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22032	New insights into the affinities, autoecology, and habit of the Mesozoic fern <i>Weichselia reticulata</i> based on the revision of stems from Bernissart (Mons Basin, Belgium). <i>Papers in Palaeontology</i> , 2021, 7, 1351-1372.	0.7	6
22033	Ficoll as testing material for diffusion weighted imaging-quality assurance phantoms. <i>Magnetic Resonance Imaging</i> , 2021, 76, 1-7.	1.0	1
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22036	Recovering the osteoblastic differentiation potential of mesenchymal stem cells derived from diabetic rats by photobiomodulation therapy. <i>Journal of Biophotonics</i> , 2021, 14, e202000393.	1.1	7
22037	The <i>Aegilops ventricosa</i> 2NvS segment in bread wheat: cytology, genomics and breeding. <i>Theoretical and Applied Genetics</i> , 2021, 134, 529-542.	1.8	48
22038	Evaluation and application of a new scintillator-based heat-resistant backscattered electron detector during heat treatment in the scanning electron microscope. <i>Journal of Microscopy</i> , 2021, 282, 45-59.	0.8	4
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22040	The mineralogy of air granulated converter slag. <i>International Journal of Ceramic Engineering &amp; Science</i> , 2021, 3, 21-36.	0.5	5
22041	Polymerization-Driven Photoluminescence in Alkanolamine-Based Cd Dots. <i>Chemistry - A European Journal</i> , 2021, 27, 2543-2550.	1.7	10
22042	Genetic variability of cooking time in dry beans ( <i>Phaseolus vulgaris</i> L.) related to seed coat thickness and the cotyledon cell wall. <i>Food Research International</i> , 2021, 141, 109886.	2.9	24
22043	An anatomical comparison of the fasciae of the thigh: A macroscopic, microscopic and ultrasound imaging study. <i>Journal of Anatomy</i> , 2021, 238, 999-1009.	0.9	27
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22046	Maternal control of early life history traits affects overwinter survival and seedling phenotypes in sunflower ( <i>Helianthus annuus</i> L.). <i>Plant Biology</i> , 2021, 23, 307-316.	1.8	9

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22048	Chemically Induced Cell Wall Stapling in Bacteria. <i>Cell Chemical Biology</i> , 2021, 28, 213-220.e4.	2.5	5
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22050	Distinct Structures and Dynamics of Chromatosomes with Different Human Linker Histone Isoforms. <i>Molecular Cell</i> , 2021, 81, 166-182.e6.	4.5	74
22051	Evaluation of in vitro corrosion resistance and in vivo osseointegration properties of a FeMnSiCa alloy as potential degradable implant biomaterial. <i>Materials Science and Engineering C</i> , 2021, 118, 111436.	3.8	19
22052	TGA class II transcription factors are essential to restrict oxidative stress in response to UV-B stress in Arabidopsis. <i>Journal of Experimental Botany</i> , 2021, 72, 1891-1905.	2.4	26
22053	ARL8 Relieves SKIP Autoinhibition to Enable Coupling of Lysosomes to Kinesin-1. <i>Current Biology</i> , 2021, 31, 540-554.e5.	1.8	39
22054	Mechanism of Lamellar Body Formation by Lung Surfactant Protein B. <i>Molecular Cell</i> , 2021, 81, 49-66.e8.	4.5	19
22055	Albumin-based nanoparticles as contrast medium for MRI: vascular imaging, tissue and cell interactions, and pharmacokinetics of second-generation nanoparticles. <i>Histochemistry and Cell Biology</i> , 2021, 155, 19-73.	0.8	1
22056	Development of MacroPics: A novel food picture set to dissociate the effects of carbohydrate and fat on eating behaviors. <i>Appetite</i> , 2021, 159, 105051.	1.8	4
22057	Implications of laser shot dosage on image quality in LA-ICP-QMS imaging. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 75-79.	1.6	12
22058	Automated resolution independent method for comparing in vivo and dry trabecular bone. <i>American Journal of Physical Anthropology</i> , 2021, 174, 822-831.	2.1	3
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22061	Morphological study of the integument and corporal skeletal muscles of two psammophilous members of Scincidae ( <i>Scincus scincus</i> and <i>Eumeces schneideri</i> ). <i>Journal of Morphology</i> , 2021, 282, 230-246.	0.6	6
22062	Investigating the Effect of Cementite Particle Size and Distribution on Local Stress and Strain Evolution in Spheroidized Medium Carbon Steels using Crystal Plasticity $\alpha$ Based Numerical Simulations. <i>Steel Research International</i> , 2021, 92, 2000407.	1.0	16
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22066	High-affinity antigen association to cationic liposomes via coiled coil-forming peptides induces a strong antigen-specific CD4+ T-cell response. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 96-105.	2.0	8
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22068	Tertiary lymphoid organs are associated with the progression of kidney damage and regulated by interleukin-17A. <i>Theranostics</i> , 2021, 11, 117-131.	4.6	20
22069	Evolutionary trade-offs may interact with physiological constraints to maintain color variation. <i>Ecological Monographs</i> , 2021, 91, e01430.	2.4	3
22070	Structural, magnetic and magneto-transport properties of Bi <sub>0.7-x</sub> LaxSr <sub>0.3</sub> MnO <sub>3</sub> manganites. <i>Ceramics International</i> , 2021, 47, 1021-1033.	2.3	6
22071	Wind-evoked anemotropism affects the morphology and mechanical properties of <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2021, 72, 1906-1918.	2.4	9
22072	The seed germination spectrum of alpine plants: a global meta-analysis. <i>New Phytologist</i> , 2021, 229, 3573-3586.	3.5	66
22073	The ability of a nanobioglass-doped self-etching adhesive to re-mineralize and bond to artificially demineralized dentin. <i>Dental Materials</i> , 2021, 37, 120-130.	1.6	7
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22075	Intensive processing optimization for achieving strong and ductile Al-Mn-Mg-Sc-Zr alloy produced by selective laser melting. <i>Materials and Design</i> , 2021, 198, 109317.	3.3	72
22076	Fitness Implications of Nonlethal Injuries in Scorpions: Females, but Not Males, Pay Reproductive Costs. <i>American Naturalist</i> , 2021, 197, 379-389.	1.0	3
22077	Electrospun PGS/PCL, PLLA/PCL, PLGA/PCL and pure PCL scaffolds for retinal progenitor cell cultivation. <i>Biochemical Engineering Journal</i> , 2021, 166, 107846.	1.8	31
22078	Elastic properties of polyethylene from high pressure sound speed measurements. <i>Polymer</i> , 2021, 212, 123164.	1.8	17
22079	A simple method to calculate the volume of shipworm tunnels from radiographs. <i>International Biodeterioration and Biodegradation</i> , 2021, 156, 105109.	1.9	0
22080	Influence of cooling rate on the precipitation kinetics of nanoscale isothermal $\beta'$ -phase in metastable $\beta_2$ -Ti alloy, Ti-5Al-5Mo-5V-3Cr. <i>Journal of Alloys and Compounds</i> , 2021, 859, 157822.	2.8	17
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22082	Microstructure and mechanical properties of aluminium alloy coatings on alumina applied by friction surfacing. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2021, 235, 366-384.	0.7	2



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22084	A novel technique to produce tubular scaffolds based on collagen and elastin. <i>Artificial Organs</i> , 2021, 45, E113-E122.	1.0	15
22085	Imaging of multiple fluorescent proteins in canopies enables synthetic biology in plants. <i>Plant Biotechnology Journal</i> , 2021, 19, 830-843.	4.1	16
22086	In Vitro Antitumor Potential of Sulfated Polysaccharides from Seaweed <i>Caulerpa cupressoides</i> var. <i>flabellata</i> . <i>Marine Biotechnology</i> , 2021, 23, 77-89.	1.1	16
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22088	A Novel Live Attenuated Respiratory Syncytial Virus Vaccine Candidate with Mutations in the L Protein SAM Binding Site and the G Protein Cleavage Site Is Protective in Cotton Rats and a Rhesus Macaque. <i>Journal of Virology</i> , 2021, 95, .	1.5	2
22089	Functional, molecular and morphological heterogeneity of superficial interneurons in the larval zebrafish tectum. <i>Journal of Comparative Neurology</i> , 2021, 529, 2159-2175.	0.9	8
22090	Synthesis, characterization and thermal decomposition behavior of a novel HNTO/AN co-crystal as a promising rocket propellant oxidizer. <i>Chemical Engineering Journal</i> , 2021, 417, 128010.	6.6	50
22091	Washcoating of catalytic particulate filters studied by time-resolved X-ray tomography. <i>Chemical Engineering Journal</i> , 2021, 409, 128057.	6.6	12
22092	H <sub>2</sub> O <sub>2</sub> -induced cataract as a model of age-related cataract: Lessons learned from overexpressing the proteasome activator PA28 $\beta$ in mouse eye lens. <i>Experimental Eye Research</i> , 2021, 203, 108395.	1.2	14
22093	Friction measurements of model saliva-wine solutions between polydimethylsiloxane surfaces. <i>Food Hydrocolloids</i> , 2021, 113, 106522.	5.6	6
22094	Development of monoclonal antibodies against recombinant LipL21 protein of pathogenic <i>Leptospira</i> through phage display technology. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 289-300.	3.6	15
22095	Single-strand DNA-nanorod conjugates as tunable anisotropic colloids for on-demand self-assembly. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 847-854.	5.0	3
22096	Manipulating dynamic tumor vessel permeability to enhance polymeric micelle accumulation. <i>Journal of Controlled Release</i> , 2021, 329, 63-75.	4.8	9
22097	Influence of Hf on the heat treatment response of additively manufactured Ni-base superalloy CM247LC. <i>Materials Characterization</i> , 2021, 171, 110815.	1.9	26
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22099	Third-order nonlinear optical response of ion-implanted embedded arrays of plasmonic gold nanoparticles. <i>Optical Materials</i> , 2021, 111, 110616.	1.7	3
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22102	H1 histones control the epigenetic landscape by local chromatin compaction. <i>Nature</i> , 2021, 589, 293-298.	13.7	101
22103	Phylogenetic patterns and ontogenetic origins of limb length variation in ecologically diverse lacertine lizards. <i>Biological Journal of the Linnean Society</i> , 2021, 132, 283-296.	0.7	3
22104	Degree of Functional Divergence in Duplicates Is Associated with Distinct Roles in Plant Evolution. <i>Molecular Biology and Evolution</i> , 2021, 38, 1447-1459.	3.5	17
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22258	Spray drift mitigation using opposing synchronized air-blast sprayers. <i>Pest Management Science</i> , 2021, 77, 895-905.	1.7	5
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22264	Silicon deposition on guard cells increases stomatal sensitivity as mediated by K <sup>+</sup> efflux and consequently reduces stomatal conductance. <i>Physiologia Plantarum</i> , 2021, 171, 358-370.	2.6	50
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22492	Water-dispersible and ferroelectric PEGylated barium titanate nanoparticles. <i>Materials Advances</i> , 2021, 2, 5089-5095.	2.6	5
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22556	Investigation of Thick-Film-Paste Rheology and Film Material for Pattern Transfer Printing (PTP) Technology. <i>Coatings</i> , 2021, 11, 108.	1.2	1

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23277	Effect of pidotimod on growth performance, immune function, intestinal epithelial barriers and microbiota of piglets. <i>Journal of Animal and Feed Sciences</i> , 2021, 30, 64-75.	0.4	0
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23299	Enhanced solar photocatalysis of TiO <sub>2</sub> nanoparticles and nanostructured thin films grown on paper. <i>Nano Express</i> , 2021, 2, 040002.	1.2	8
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23318	In the tripartite combination <i>Botrytis cinerea</i> - <i>Arabidopsis</i> - <i>Eurydema oleracea</i> , the fungal pathogen alters the plant-insect interaction via jasmonic acid signalling activation and inducible plant-emitted volatiles. <i>Journal of Plant Research</i> , 2021, 134, 523-533.	1.2	7

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23330	Impact of temperature-dependent phage expression on <i>Pseudomonas aeruginosa</i> biofilm formation. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 22.	2.9	24
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24021	Powder Nano-Beam Diffraction in Scanning Electron Microscope: Fast and Simple Method for Analysis of Nanoparticle Crystal Structure. <i>Nanomaterials</i> , 2021, 11, 962.	1.9	8
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24024	A discovery of two new <i>Tetrahymena</i> species parasitizing slugs and mussels: morphology and multi-gene phylogeny of <i>T. foissneri</i> sp. n. and <i>T. unionis</i> sp. n.. <i>Parasitology Research</i> , 2021, 120, 2595-2616.	0.6	10
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24044	A trans-complementation system for SARS-CoV-2 recapitulates authentic viral replication without virulence. <i>Cell</i> , 2021, 184, 2229-2238.e13.	13.5	51
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24046	Microstructural damage behaviour of Al foams. <i>Acta Materialia</i> , 2021, 208, 116739.	3.8	16
24047	Histologic evaluation of therapeutic responses in ischemic myocardium elicited by dual growth factor delivery from composite glycosaminoglycan hydrogels. <i>Acta Histochemica</i> , 2021, 123, 151699.	0.9	2
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24051	Understanding the formation of (Al,Si) <sub>3</sub> Sc and V-phase (AlSc <sub>2</sub> Si <sub>2</sub> ) in Al-Si-Sc alloys via ex situ heat treatments and in situ transmission electron microscopy studies. <i>Journal of Alloys and Compounds</i> , 2021, 861, 158511.	2.8	21

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24085	Ablation of lysozyme M-positive cells prevents aircraft noise-induced vascular damage without improving cerebral side effects. <i>Basic Research in Cardiology</i> , 2021, 116, 31.	2.5	23
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24169	INPP4B promotes PI3K $\beta$ -dependent late endosome formation and Wnt/ $\beta$ -catenin signaling in breast cancer. <i>Nature Communications</i> , 2021, 12, 3140.	5.8	30
24170	Biosynthesis of silver nanoparticles using <i>Haloferax</i> sp. NRS1: image analysis, characterization, in vitro thrombolysis and cytotoxicity. <i>AMB Express</i> , 2021, 11, 75.	1.4	16
24171	Coupling high-performance thin-layer chromatography with a battery of cell-based assays reveals bioactive components in wastewater and landfill leachates. <i>Ecotoxicology and Environmental Safety</i> , 2021, 214, 112092.	2.9	12
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24175	Propagation-Based Phase Contrast Computed Tomography as a Suitable Tool for the Characterization of Spatial 3D Cell Distribution in Biomaterials. <i>Advanced Engineering Materials</i> , 2021, 23, 2001188.	1.6	3
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24182	Effects of background color and rearing density on stress-related hormones in the juvenile Japanese eel <i>Anguilla japonica</i> . <i>Fisheries Science</i> , 2021, 87, 521-528.	0.7	5
24183	Omentin attenuates angiotensin II-induced abdominal aortic aneurysm formation in apolipoprotein E-knockout mice. <i>Cardiovascular Research</i> , 2022, 118, 1597-1610.	1.8	9
24184	Structure of the murine lysosomal multienzyme complex core. <i>Science Advances</i> , 2021, 7, .	4.7	7
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24187	Liver Lipids of Patients with Hepatitis B and C and Associated Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5297.	1.8	7
24189	Role of CNC1 gene in TDP-43 aggregation-induced oxidative stress-mediated cell death in <i>S. cerevisiae</i> model of ALS. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118993.	1.9	11

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24193	Predictive water virology using regularized regression analyses for projecting virus inactivation efficiency in ozone disinfection. <i>Water Research X</i> , 2021, 11, 100093.	2.8	11
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24195	ImageJ and CellProfiler: Complements in Open-Source Bioimage Analysis. <i>Current Protocols</i> , 2021, 1, e89.	1.3	20
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24208	Downsizing of Block Polymer-Templated Nanopores to One Nanometer via Hyper-Cross-Linking of High- <i>N</i> Precursors. <i>ACS Nano</i> , 2021, 15, 9154-9166.	7.3	20
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24210	Association between stress and bilateral symmetrical alopecia in free-ranging Formosan macaques in Mt. Longevity, Taiwan. <i>Scientific Reports</i> , 2021, 11, 11189.	1.6	4

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24213	The polyphenol/saponin-rich <i>Rhus tripartita</i> extract has an apoptotic effect on THP-1 cells through the PI3K/AKT/mTOR signaling pathway. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 153.	1.2	8
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24224	Structural basis of substrate recognition and thermal protection by a small heat shock protein. <i>Nature Communications</i> , 2021, 12, 3007.	5.8	22
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24230	Distributed chromatic processing at the interface between retina and brain in the larval zebrafish. <i>Current Biology</i> , 2021, 31, 1945-1953.e5.	1.8	13

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24233	The adverse metabolic effects of branched-chain amino acids are mediated by isoleucine and valine. <i>Cell Metabolism</i> , 2021, 33, 905-922.e6.	7.2	183
24234	SARS-CoV-2 infects human adult donor eyes and hESC-derived ocular epithelium. <i>Cell Stem Cell</i> , 2021, 28, 1205-1220.e7.	5.2	44
24235	Long-term zero-tillage enhances the protection of soil carbon in tropical agriculture. <i>European Journal of Soil Science</i> , 2021, 72, 2477-2492.	1.8	22
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24237	Effect of Oxidized Low-Density Lipoprotein on Head and Neck Squamous Cell Carcinomas. <i>Biomedicines</i> , 2021, 9, 513.	1.4	7
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24251	Evaluation of HIV-1 derived lentiviral vectors as transducers of Mucopolysaccharidosis type IV a fibroblasts. <i>Gene</i> , 2021, 780, 145527.	1.0	7
24252	Coordinate regulation of the senescent state by selective autophagy. <i>Developmental Cell</i> , 2021, 56, 1512-1525.e7.	3.1	29
24254	The role of the neuropeptide [His7]-corazonin on phase-related characteristics in the Central American locust. <i>Journal of Insect Physiology</i> , 2021, 131, 104244.	0.9	5
24255	Frequent reversion and continuous size variation in the small fruit mutant "Totsutanenashi"™ persimmon. <i>Acta Horticulturae</i> , 2021, , 117-122.	0.1	1
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24273	Characterization and distribution of mineral phases in an Amazonian humiluvic Spodosol profile by XRPD, HR-TEM, SAED and SEM-EDX. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	4
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24276	WINTERING HABITAT ASSOCIATIONS OF A DECLINING GRASSLAND BIRD, THE SPRAGUE'S PIPIT ( <i>ANTHUS</i> )	0.1	1
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24295	High Pressure in Boron Nitride Nanotubes for Kirigami Nanoribbon Elaboration. <i>Journal of Physical Chemistry C</i> , 2021, 125, 11440-11453.	1.5	3
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24302	The effect of axon trajectory on retinal ganglion cell activation with epiretinal stimulation. , 2021, 2021, 263-266.		2
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24314	The urban-adapted underground mosquito <i>Culex pipiens</i> form <i>molestus</i> maintains exogenously influenceable circadian rhythms. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	21
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24325	Reproductive success, apparent survival, and ventral blue coloration in male prairie lizards ( <i>Sceloporus</i> )	0.8	4



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24326	Chitosan from Crabs ( <i>Scylla serrata</i> ) Represses Hyperlipidemia-Induced Hepato-Renal Dysfunctions in Rats: Modulation of CD43 and p53 Expression. <i>Pathophysiology</i> , 2021, 28, 224-237.	1.0	6
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24329	Process Optimization and Microstructure Analysis to Understand Laser Powder Bed Fusion of 316L Stainless Steel. <i>Metals</i> , 2021, 11, 832.	1.0	26
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24335	Cohesion of regolith: Measurements of meteorite powders. <i>Icarus</i> , 2021, 360, 114357.	1.1	16
24336	RHOA signaling defects result in impaired axon guidance in iPSC-derived neurons from patients with tuberous sclerosis complex. <i>Nature Communications</i> , 2021, 12, 2589.	5.8	17
24338	Regional and organ-level responses to local lung irradiation in sheep. <i>Scientific Reports</i> , 2021, 11, 9553.	1.6	1
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24340	Rootstockâ€™Scion Hydraulic Balance Influenced Scion Vigor and Yield Efficiency of <i>Malus domestica</i> cv. Honeycrisp on Eight Rootstocks. <i>Horticulturae</i> , 2021, 7, 99.	1.2	9
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24342	Investigation of the use of microwave ablation with and without cooling urethral perfusion for thermal ablation of the prostate gland in canine cadavers. <i>American Journal of Veterinary Research</i> , 2021, 82, 395-404.	0.3	0
24343	Gunshot residue detection in stagnant water: SEMâ€™EDX or ICPâ€™MS? A preliminary study. <i>Journal of Forensic Sciences</i> , 2021, 66, 1267-1275.	0.9	4
24344	Poroviscoelasticity and compression-softening of agarose hydrogels. <i>Rheologica Acta</i> , 2021, 60, 327-351.	1.1	9
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24346	Analytical approach for lubricant characterization of excipients using the surface replication method. <i>Drug Development and Industrial Pharmacy</i> , 2021, 47, 694-698.	0.9	0

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24351	Co <sub>3</sub> O <sub>4</sub> Nanoparticles Embedded in Mesoporous Carbon for Supercapacitor Applications. <i>ACS Applied Nano Materials</i> , 2021, 4, 5022-5037.	2.4	55
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24354	Antibacterial and Zebrafish-based Screening for Wnt Signal Inhibitory Activities of <i>Syzygium polycephaloides</i> (C.B. Robb. Merr.) Bark Extracts. <i>ASM Science Journal</i> , 0, 15, 1-6.	0.2	0
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24360	Effects of leptin on proliferation of astrocyte- and tanycyte-like neural stem cells in the adult mouse medulla oblongata. <i>Neuroscience Research</i> , 2021, 173, 44-53.	1.0	4
24361	Natural variation in fecundity is correlated with species-wide levels of divergence in <i>Caenorhabditis elegans</i> . <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	0.8	15
24362	Numerical simulations of paperâ€”based electrophoretic separations with openâ€”source tools. <i>Electrophoresis</i> , 2021, 42, 1543-1551.	1.3	5
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24366	Change in rheotactic behavior patterns of dinoflagellates in response to different microfluidic environments. <i>Scientific Reports</i> , 2021, 11, 11105.	1.6	2
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24368	New species of Thylacocephala, <i>Eodollocaris keithflinti</i> n. gen., n. sp., from the Mazon Creek Lagerstätte, Illinois, United States (c. 307 Ma) and redescription of other Mazon Creek thylacocephalans. <i>Geodiversitas</i> , 2021, 43, .	0.2	3
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24373	N6-Methyladenine in Eukaryotic DNA: Tissue Distribution, Early Embryo Development, and Neuronal Toxicity. <i>Frontiers in Genetics</i> , 2021, 12, 657171.	1.1	15
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24375	Deep learning automated pathology in ex vivo microscopy. <i>Biomedical Optics Express</i> , 2021, 12, 3103.	1.5	14
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24386	Doxycycline aggravates granulomatous inflammation and lung microstructural remodeling induced by <i>Schistosoma mansoni</i> infection. <i>International Immunopharmacology</i> , 2021, 94, 107462.	1.7	5
24387	The influence of a KCl-rich environment on the corrosion attack of 304 L: 3D FIB/SEM and TEM investigations. <i>Corrosion Science</i> , 2021, 183, 109315.	3.0	20
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24397	Regenerable ZnO/GaAs Bulk Acoustic Wave Biosensor for Detection of <i>Escherichia coli</i> in "Complex" Biological Medium. <i>Biosensors</i> , 2021, 11, 145.	2.3	8
24398	Small-Molecule Inhibitors of the Coronavirus Spike: ACE2 Protein-Protein Interaction as Blockers of Viral Attachment and Entry for SARS-CoV-2. <i>ACS Infectious Diseases</i> , 2021, 7, 1519-1534.	1.8	77
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24402	Effects of 1.5 and 4.3 GHz microwave radiation on cognitive function and hippocampal tissue structure in Wistar rats. <i>Scientific Reports</i> , 2021, 11, 10061.	1.6	19

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24416	Fluorescent base analogues in gapmers enable stealth labeling of antisense oligonucleotide therapeutics. <i>Scientific Reports</i> , 2021, 11, 11365.	1.6	5
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24470	Image-based semi-multiscale finite element analysis using elastic subdomain homogenization. <i>Meccanica</i> , 2021, 56, 2799-2811.	1.2	0
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24636	Robust, Small Diameter Hydrophilic Nanofibers Improve the Flux of Ultrafiltration Membranes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 9179-9188.	1.8	10
24637	Intraspecific variations in morphology of swamp barb ( <i>Puntius brevis</i> ). <i>Can Tho University Journal of Science</i> , 2021, 13, 44-51.	0.1	0
24638	The Functional and Allometric Implications of Hipbone Trabecular Microarchitecture in a Sample of Eutherian and Metatherian Mammals. <i>Evolutionary Biology</i> , 2021, 48, 346-365.	0.5	1
24639	Increased seminal root number associated with domestication improves nitrogen and phosphorus acquisition in maize seedlings. <i>Annals of Botany</i> , 2021, 128, 453-468.	1.4	23



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24641	Mechanical stimulation in wheat triggers age- and dose-dependent alterations in growth, development and grain characteristics. <i>Annals of Botany</i> , 2021, 128, 589-603.	1.4	3
24642	Hybrid Metachronal Rowing Augments Swimming Speed and Acceleration via Increased Stroke Amplitude. <i>Integrative and Comparative Biology</i> , 2021, 61, 1619-1630.	0.9	7
24643	Measurement of Micro Burr and Slot Widths through Image Processing: Comparison of Manual and Automated Measurements in Micro-Milling. <i>Sensors</i> , 2021, 21, 4432.	2.1	25
24644	Fat and Happy: Profiling Mosquito Fat Body Lipid Storage and Composition Post-blood Meal. <i>Frontiers in Insect Science</i> , 2021, 1, .	0.9	9
24645	Proteasome stress in skeletal muscle mounts a long-range protective response that delays retinal and brain aging. <i>Cell Metabolism</i> , 2021, 33, 1137-1154.e9.	7.2	45
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24647	Elevated dietary ̳-6 polyunsaturated fatty acids induce reversible peripheral nerve dysfunction that exacerbates comorbid pain conditions. <i>Nature Metabolism</i> , 2021, 3, 762-773.	5.1	47
24648	Morphological and compositional mapping of supersaturated AuNi alloy nanoparticles fabricated by solid state dewetting. <i>Applied Surface Science Advances</i> , 2021, 4, 100082.	2.9	6
24649	A Natural Botanical Product, Resveratrol, Effectively Suppresses Vesicular Stomatitis Virus Infection In Vitro. <i>Plants</i> , 2021, 10, 1231.	1.6	3
24650	Virus pH-Dependent Interactions with Cationically Modified Cellulose and Their Application in Water Filtration. <i>Small</i> , 2021, 17, e2100307.	5.2	11
24651	Improving arc stability during wire arc additive manufacturing of thin-walled titanium components. <i>Journal of Manufacturing Processes</i> , 2021, 66, 53-69.	2.8	19
24652	SIRT6 transcriptionally regulates fatty acid transport by suppressing PPAR $\beta$ . <i>Cell Reports</i> , 2021, 35, 109190.	2.9	35
24653	Response diversity in corals: hidden differences in bleaching mortality among cryptic <i>Pocillopora</i> species. <i>Ecology</i> , 2021, 102, e03324.	1.5	46
24654	HIRA stabilizes skeletal muscle lineage identity. <i>Nature Communications</i> , 2021, 12, 3450.	5.8	17
24655	Extent of parahippocampal ablation is associated with seizure freedom after laser amygdalohippocampotomy. <i>Journal of Neurosurgery</i> , 2021, 135, 1742-1751.	0.9	9
24656	Hydrogen peroxide is necessary during tail regeneration in juvenile axolotl. <i>Developmental Dynamics</i> , 2022, 251, 1054-1076.	0.8	16
24657	A genetic titration of membrane composition in <i>Caenorhabditis elegans</i> reveals its importance for multiple cellular and physiological traits. <i>Genetics</i> , 2021, 219, .	1.2	13

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24658	Dicomization of LSM fluorescence composite microscopic image with its bioimaging information. , 2021, , .		2
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24663	Extended divergence estimates and species descriptions of new craspedid choanoflagellates from the Atacama Desert, Northern Chile. <i>European Journal of Protistology</i> , 2021, 79, 125798.	0.5	5
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24665	YAF2-Mediated YY1-Sirtuin6 Interactions Responsible for Mitochondrial Downregulation in Aging Tunicates. <i>Molecular and Cellular Biology</i> , 2021, 41, e0004721.	1.1	6
24666	Effective Downregulation of BCR-ABL Tumorigenicity by RNA Targeted CRISPR-Cas13a. <i>Current Gene Therapy</i> , 2021, 21, 270-277.	0.9	4
24667	Fluorescence Anisotropy Decays and Microscale-Volume Viscometry Reveal the Compaction of Ribosome-Bound Nascent Proteins. <i>Journal of Physical Chemistry B</i> , 2021, 125, 6543-6558.	1.2	8
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24670	Root growth inhibition and ultrastructural changes in radish root tips after treatment with aqueous extracts of <i>Fallopia japonica</i> and <i>F. bohemica</i> rhizomes. <i>Protoplasma</i> , 2022, 259, 343-355.	1.0	8
24671	Retinal and choriocapillaris perfusion are associated with ankle-brachial-pressure-index and Fontaine stage in peripheral arterial disease. <i>Scientific Reports</i> , 2021, 11, 11458.	1.6	9
24672	PI3K and MAPK Pathways as Targets for Combination with the Pan-HER Irreversible Inhibitor Neratinib in HER2-Positive Breast Cancer and TNBC by Kinome RNAi Screening. <i>Biomedicines</i> , 2021, 9, 740.	1.4	10
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24674	Spatial resolution of unmanned aerial vehicles acquired imagery as a result of different processing conditions. <i>Central European Forestry Journal</i> , 2021, 67, 148-154.	0.2	2
24675	Revival of <i>Philozoon</i> Geddes for host-specialized dinoflagellates, <i>zooxanthellae</i> <sup>TM</sup> , in animals from coastal temperate zones of northern and southern hemispheres. <i>European Journal of Phycology</i> , 2022, 57, 166-180.	0.9	30

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24680	Granular mixture deflation and generation of pore fluid pressure at the impact zone of a pyroclastic fountain: Experimental insights. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 414, 107226.	0.8	6
24681	Spatio-temporal distribution of <i>Gymnocypris przewalskii</i> during migration with UAV-based photogrammetry and deep neural network. <i>Journal of Ecohydraulics</i> , 2022, 7, 42-57.	1.6	6
24682	Fluorescent <i>In Situ</i> Hybridization of 25S rDNA and Telomere Probes in the <i>Lamium amplexicaule</i> Chromosomes and their Signals Behavior during Meiosis. <i>Cytologia</i> , 2021, 86, 155-160.	0.2	1
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24686	Defining Spatial Relationships Between Spinal Cord Axons and Blood Vessels in Hydrogel Scaffolds. <i>Tissue Engineering - Part A</i> , 2021, 27, 648-664.	1.6	7
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24689	Influence of Phase Composition and Pretreatment on the Conversion of Iron Oxides into Iron Carbides in Syngas Atmospheres. <i>Catalysts</i> , 2021, 11, 773.	1.6	4
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24691	Induced pluripotent stem cell-derived motor neurons of CMT type 2 patients reveal progressive mitochondrial dysfunction. <i>Brain</i> , 2021, 144, 2471-2485.	3.7	27
24692	Enhancing oxygen permeation of solid-state reactive sintered Ce <sub>0.8</sub> Gd <sub>0.2</sub> O <sub>2</sub> -FeCo <sub>2</sub> O <sub>4</sub> composite by optimizing the powder preparation method. <i>Journal of Membrane Science</i> , 2021, 628, 119248.	4.1	15
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24697	The plasma membrane-associated Ca <sup>2+</sup> binding protein, PCaP1, is required for oligogalacturonide and flagellin-induced priming and immunity. <i>Plant, Cell and Environment</i> , 2021, 44, 3078-3093.	2.8	12
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24699	Application of deep learning as a noninvasive tool to differentiate muscle-invasive bladder cancer and non-muscle-invasive bladder cancer with CT. <i>European Journal of Radiology</i> , 2021, 139, 109666.	1.2	16
24700	Fracture stiffness evaluation with waterless cryogenic treatment and its implication in fluid flowability of treated coals. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 142, 104727.	2.6	13
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24702	PRRT2 modulates presynaptic Ca <sup>2+</sup> influx by interacting with P/Q-type channels. <i>Cell Reports</i> , 2021, 35, 109248.	2.9	15
24703	Epitranscriptomic addition of m <sup>6</sup> A regulates HIV-1 RNA stability and alternative splicing. <i>Genes and Development</i> , 2021, 35, 992-1004.	2.7	31
24704	Salt tolerance at vegetative stage is partially associated with changes in grain quality and starch physicochemical properties of rice exposed to salinity stress at reproductive stage. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 370-382.	1.7	25
24705	A nanodusty plasma experiment to create extended dust clouds using reactive argon acetylene plasmas. <i>Physics of Plasmas</i> , 2021, 28, 063703.	0.7	6
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24710	Scale-sensitive stream slope drives nested fish trait-based diversity. <i>Aquatic Ecology</i> , 2021, 55, 1051-1063.	0.7	5
24711	Critical pitting temperature of selective laser melted 316L stainless steel: A mechanistic approach. <i>Corrosion Science</i> , 2021, 185, 109302.	3.0	15
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24715	Increased mGlu5 mRNA expression in BLA glutamate neurons facilitates resilience to the long-term effects of a single predator scent stress exposure. <i>Brain Structure and Function</i> , 2021, 226, 2279-2293.	1.2	8
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24721	Characterisation of myxozoan fauna of western mosquitofish, <i>Gambusia affinis</i> (Baird and Gerard) (Cyprinodontiformes: Poeciliidae), inhabiting experimental catfish ponds in Mississippi, USA. <i>Systematic Parasitology</i> , 2021, 98, 423-441.	0.5	2
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24750	Brassinosteroid and brassinosteroid-mimic differentially modulate <i>Arabidopsis thaliana</i> fitness under drought. <i>Plant Growth Regulation</i> , 2021, 95, 33-47.	1.8	2
24751	Not a lycopsid but a cycad-like plant: <i>Iratinia australis</i> gen. nov. et sp. nov. from the Irati Formation, Kungurian of the Paran Basin, Brazil. <i>Review of Palaeobotany and Palynology</i> , 2021, 289, 104415.	0.8	4

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24761	Improved Models of Human Endometrial Organoids Based on Hydrogels from Decellularized Endometrium. <i>Journal of Personalized Medicine</i> , 2021, 11, 504.	1.1	20
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24768	Efficacy of a Three Drug-Based Therapy for Neuroblastoma in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6753.	1.8	4
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25029	Beneficial Insects Deliver Plant Growth-Promoting Bacterial Endophytes between Tomato Plants. <i>Microorganisms</i> , 2021, 9, 1294.	1.6	10
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25036	Novel Bisubstrate Inhibitors for Protein N-Terminal Acetyltransferase D. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 8263-8271.	2.9	8
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25059	Evaluation of Ribavirin-Poloxamer Microparticles for Improved Intranasal Absorption. <i>Pharmaceutics</i> , 2021, 13, 1126.	2.0	5
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25076	Effects of Background Colors, Flashes, and Exposure Values on the Accuracy of a Smartphone-Based Pill Recognition System Using a Deep Convolutional Neural Network: Deep Learning and Experimental Approach. <i>JMIR Medical Informatics</i> , 2021, 9, e26000.	1.3	4
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25093	3D cyclorama for digital unrolling and visualisation of deformed tubes. <i>Scientific Reports</i> , 2021, 11, 14672.	1.6	2
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25099	New binding specificities evolve via point mutation in an invertebrate allorecognition gene. <i>IScience</i> , 2021, 24, 102811.	1.9	5
25100	A Close Look at Molecular Self-Assembly with the Transmission Electron Microscope. <i>Chemical Reviews</i> , 2021, 121, 14232-14280.	23.0	33
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25105	RGB-based phenotyping of foliar disease severity under controlled conditions. <i>Tropical Plant Pathology</i> , 2022, 47, 105-117.	0.8	8



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25107	Dynamic Surfacesâ€”Degradable Polyester Networks that Resist Protein Adsorption. <i>Langmuir</i> , 2021, 37, 8978-8988.	1.6	1
25108	Density-dependent impacts of invasive <i>Vincetoxicum rossicum</i> (pale swallowwort) and native <i>Asclepias syriaca</i> (common milkweed) on plant traits and competitive interactions. <i>Plant Ecology</i> , 2021, 222, 1065-1074.	0.7	2
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25111	Formononetin attenuates H2O2-induced cell death through decreasing ROS level by PI3K/Akt-Nrf2-activated antioxidant gene expression and suppressing MAPK-regulated apoptosis in neuronal SH-SY5Y cells. <i>NeuroToxicology</i> , 2021, 85, 186-200.	1.4	33
25112	Plastic adjustments of biparental care behavior across embryonic development under elevated temperature in a marine ectotherm. <i>Ecology and Evolution</i> , 2021, 11, 11155-11167.	0.8	3
25113	Effects of post heat treatment on the microstructure and mechanical properties of wire arc additively manufactured Hastelloy C276 alloy. <i>Materials Characterization</i> , 2021, 177, 111158.	1.9	22
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25115	Photocurable bioresorbable adhesives as functional interfaces between flexible bioelectronic devices and soft biological tissues. <i>Nature Materials</i> , 2021, 20, 1559-1570.	13.3	114
25116	Platelet-derived growth factor receptor beta activates Abl2 via direct binding and phosphorylation. <i>Journal of Biological Chemistry</i> , 2021, 297, 100883.	1.6	4
25117	Mapping the cellular origin and early evolution of leukemia in Down syndrome. <i>Science</i> , 2021, 373, .	6.0	42
25118	Dislocation contrast on X-ray topographs under weak diffraction conditions. <i>Journal of Applied Crystallography</i> , 2021, 54, 1225-1233.	1.9	9
25119	Relationships between plantâ€”soil feedbacks and functional traits. <i>Journal of Ecology</i> , 2021, 109, 3411-3423.	1.9	29
25120	A real-time fluorescence assay for CPSF73, the nuclease for pre-mRNA 3â€²-end processing. <i>Rna</i> , 2021, 27, 1148-1154.	1.6	10
25121	Ultrafast Microwave Synthesis of WO <sub>3</sub> Nanostructured Films for Solar Photocatalysis. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2100196.	1.2	12
25122	Effect of heat treatment in sulfur on structural, optical and electrical properties of thermally evaporated In <sub>2</sub> S <sub>3</sub> thin films. <i>Solar Energy</i> , 2021, 222, 290-297.	2.9	11
25123	Correlative multi-scale cryo-imaging unveils SARS-CoV-2 assembly and egress. <i>Nature Communications</i> , 2021, 12, 4629.	5.8	108

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25125	Zr <sup>4+</sup> Co-doping in BiVO <sub>4</sub> – Synergistic effect in photoelectrochemical water splitting. <i>Materials Chemistry and Physics</i> , 2021, 267, 124675.	2.0	9
25126	Ultrastructure of influenza virus ribonucleoprotein complexes during viral RNA synthesis. <i>Communications Biology</i> , 2021, 4, 858.	2.0	13
25128	Microfabricated disk technology: Rapid scale up in midbrain organoid generation. <i>Methods</i> , 2022, 203, 465-477.	1.9	15
25129	Epitope-specific antibody responses differentiate COVID-19 outcomes and variants of concern. <i>JCI Insight</i> , 2021, 6, .	2.3	32
25130	A new species of cave-dwelling Neocarus (Acari: Opilioacaridae) from Minas Gerais state, Brazil with a key to species of the genus. <i>Systematic and Applied Acarology</i> , 0, .	0.5	0
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25133	Genetic rescue reduces mate limitation in a threatened, clonal, and self-incompatible plant species. <i>Restoration Ecology</i> , 2021, 29, e13458.	1.4	8
25134	Geographic distribution modeling and taxonomy of <i>Stephadiscus lyratus</i> (Cothouny <i>in</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf Forests. PeerJ</i> , 2021, 9, e11614.	0.9	2
25135	Automatic delineation and quantification of pulmonary vascular obstruction index in patients with pulmonary embolism using Perfusion SPECT-CT: a simulation study. <i>EJNMMI Physics</i> , 2021, 8, 49.	1.3	2
25136	Aberrant Autophagy Impacts Growth and Multicellular Development in a Dictyostelium Knockout Model of CLN5 Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 657406.	1.8	14
25137	Macular capillary displacement in exudative and tractional macular oedema: a multimodal imaging study and pathophysiological hypothesis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 3675-3685.	1.0	0
25138	Single and combined effect of two fungal diseases on growth of moth plant, <i>Araujia hortorum</i> (Apocynaceae). <i>New Zealand Journal of Botany</i> , 0, , 1-19.	0.8	2
25139	Morphological and microstructural characteristics of scales in longnose goby <i>Awaous jayakari</i> (Teleostei: Gobiidae): Light and scanning electron microscopy approaches. <i>Microscopy Research and Technique</i> , 2021, 84, 3128-3149.	1.2	5
25140	Tumor suppressor miR-193a-3p enhances efficacy of BRAF/MEK inhibitors in BRAF-mutated colorectal cancer. <i>Cancer Science</i> , 2021, 112, 3856-3870.	1.7	9
25141	GrgA overexpression inhibits <i>Chlamydia trachomatis</i> growth through sigma66- and sigma28-dependent mechanisms. <i>Microbial Pathogenesis</i> , 2021, 156, 104917.	1.3	6
25142	Purification and characterization of an FeII- and Î±-ketoglutarate-dependent xanthine hydroxylase from <i>Aspergillus oryzae</i> . <i>Protein Expression and Purification</i> , 2021, 183, 105862.	0.6	1
25143	Development of a decellularized meniscus matrix-based nanofibrous scaffold for meniscus tissue engineering. <i>Acta Biomaterialia</i> , 2021, 128, 175-185.	4.1	20

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25145	Accelerated cell cycles enable organ regeneration under developmental time constraints in the <i>Drosophila hindgut</i> . <i>Developmental Cell</i> , 2021, 56, 2059-2072.e3.	3.1	10
25146	Co-Cr-Mo alloy fabricated by laser powder bed fusion process: grain structure, defect formation, and mechanical properties. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 116, 2387-2399.	1.5	6
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25148	pH-Responsive Chitosan/Alginate Polyelectrolyte Complexes on Electrospun PLGA Nanofibers for Controlled Drug Release. <i>Nanomaterials</i> , 2021, 11, 1850.	1.9	28
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25150	Adipose Tissue-derived Microvascular Fragments as Vascularization Units for Dental Pulp Regeneration. <i>Journal of Endodontics</i> , 2021, 47, 1092-1100.	1.4	22
25151	Influence of protein and solid fat content on mechanical properties and comminution behavior of structured plant-based lipids. <i>Food Research International</i> , 2021, 145, 110416.	2.9	10
25152	Influence of Flow Pathway Geometry on Barite Scale Deposition in Marcellus Shale during Hydraulic Fracturing. <i>Energy &amp; Fuels</i> , 2021, 35, 11947-11957.	2.5	3
25153	Detection of X-Ray Doses with Color-Changing Hackmanites: Mechanism and Application. <i>Advanced Optical Materials</i> , 2021, 9, 2100762.	3.6	12
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25155	Haze evolution in temperate exoplanet atmospheres through surface energy measurements. <i>Nature Astronomy</i> , 2021, 5, 822-831.	4.2	27
25156	Feasibility and Repeatability of Handheld Optical Coherence Tomography in Children With Craniosynostosis. <i>Translational Vision Science and Technology</i> , 2021, 10, 24.	1.1	7
25157	rs10514231 Leads to Breast Cancer Predisposition by Altering ATP6AP1L Gene Expression. <i>Cancers</i> , 2021, 13, 3752.	1.7	5
25158	The Columnar-to-Equiaxed Transition in Melt Pools During Laser Powder Bed Fusion of M2 Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 4206-4221.	1.1	12
25159	Diploidy within a Haploid Genus of Entomopathogenic Fungi. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	5
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25161	Three-color single-molecule imaging reveals conformational dynamics of dynein undergoing motility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	9

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25163	Genetic Dissection of Root Angle of <i>Brassica napus</i> in Response to Low Phosphorus. <i>Frontiers in Plant Science</i> , 2021, 12, 697872.	1.7	10
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25168	3D tumor spheroid microarray for high-throughput, high-content natural killer cell-mediated cytotoxicity. <i>Communications Biology</i> , 2021, 4, 893.	2.0	38
25169	Life Cycle of Edible Jellyfish <i>Acromitus hardenbergi</i> Stiasny, 1934 (Scyphozoa: Rhizostomeae) Inhabiting a Brackish-Water Environment. <i>Animals</i> , 2021, 11, 2138.	1.0	4
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25171	Enhanced Vasculogenic Capacity Induced by 5-Fluorouracil Chemoresistance in a Gastric Cancer Cell Line. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7698.	1.8	11
25172	Validating the use of sodium hypochlorite for egg detachment and photographâ€based egg counting in Delta Smelt. <i>Aquaculture Research</i> , 2021, 52, 5936-5940.	0.9	6
25173	Scanning Electron Microscope Study of Antennae and Mouthparts in the Pollen-Beetle <i>Meligethes</i> ( <i>Odonthogethes</i> ) <i>chinensis</i> (Coleoptera: Nitidulidae: Meligethinae). <i>Insects</i> , 2021, 12, 659.	1.0	4
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25176	Preexisting heart failure with reduced ejection fraction attenuates renal fibrosis after ischemia reperfusion via sympathetic activation. <i>Scientific Reports</i> , 2021, 11, 15091.	1.6	4
25177	3D viscoelastic drag forces contribute to cell shape changes during organogenesis in the zebrafish embryo. <i>Cells and Development</i> , 2021, 168, 203718.	0.7	11
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25183	Identification of a unique barb from the dorsal body contour feathers of the Indian Pitta Pitta brachyura (Aves: Passeriformes: Pittidae). <i>Journal of Threatened Taxa</i> , 2021, 13, 19029-19039.	0.1	1
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25187	Nurse cell-derived small RNAs define paternal epigenetic inheritance in <i>Arabidopsis</i> . <i>Science</i> , 2021, 373, .	6.0	88
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25191	Synergistic interaction between the type III secretion system of the endophytic bacterium <i>Pantoea agglomerans</i> DAPP-734 and the virulence of the causal agent of olive knot <i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i> DAPP-722. <i>Molecular Plant Pathology</i> , 2021, 22, 1209-1225.	2.0	7
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25194	Cholesterol is required for transcriptional repression by BASP1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	11
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25196	Spheroid-on-chip microfluidic technology for the evaluation of the impact of continuous flow on metastatic potential in cancer models <i>in vitro</i> . <i>Biomicrofluidics</i> , 2021, 15, 044103.	1.2	17
25197	Study of the Microstructural and First Hydrogenation Properties of TiFe Alloy with Zr, Mn and V as Additives. <i>Processes</i> , 2021, 9, 1217.	1.3	10
25198	Radon alpha track counting on solid state nuclear track detector by an ImageJ-based software macro. <i>Applied Radiation and Isotopes</i> , 2021, 173, 109695.	0.7	5
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25201	Differential allocation in a gift-giving spider: males adjust their reproductive investment in response to female condition. <i>Bmc Ecology and Evolution</i> , 2021, 21, 140.	0.7	5

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25203	Sequential and Switchable Patterning for Studying Cellular Processes under Spatiotemporal Control. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 35545-35560.	4.0	1
25205	Distinct requirements for Pho, Sfmtb, and Ino80 for cell survival in <i>Drosophila</i> . <i>Genetics</i> , 2021, 219, .	1.2	3
25206	Microfluidic-assisted fabrication of phosphatidylcholine-based liposomes for controlled drug delivery of chemotherapeutics. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120711.	2.6	24
25207	CIB2 and CIB3 are auxiliary subunits of the mechanotransduction channel of hair cells. <i>Neuron</i> , 2021, 109, 2131-2149.e15.	3.8	35
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25210	A Handy Open-Source Application Based on Computer Vision and Machine Learning Algorithms to Count and Classify Microplastics. <i>Water (Switzerland)</i> , 2021, 13, 2104.	1.2	23
25211	A discarded synonymous variant in <i>NPHP3</i> explains nephronophthisis and congenital hepatic fibrosis in several families. <i>Human Mutation</i> , 2021, 42, 1221-1228.	1.1	12
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25214	Salt transport by the gill Na <sup>+</sup> -K <sup>+</sup> -2Cl <sup>-</sup> symporter in palaemonid shrimps: exploring physiological, molecular and evolutionary landscapes. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2021, 257, 110968.	0.8	13
25215	Exploration of shear wave elastography measures of the iliotibial band during different tasks in pain-free runners. <i>Physical Therapy in Sport</i> , 2021, 50, 121-129.	0.8	4
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25217	Intravitreal connective tissue growth factor neutralizing antibody or bevacizumab alone or in combination for prevention of proliferative vitreoretinopathy in an experimental model. <i>Experimental Eye Research</i> , 2021, 208, 108622.	1.2	5
25218	The University MÃ¼nster model surgery system for orthognathic surgery - The digital update. <i>Head &amp; Face Medicine</i> , 2021, 17, 31.	0.8	8
25219	Cone photoreceptor reflectance variation in the northern tree shrew and thirteen-lined ground squirrel. <i>Experimental Biology and Medicine</i> , 2021, 246, 2192-2201.	1.1	3
25220	Neurulation in the posterior region of zebrafish, <i>Danio rerio</i> embryos. <i>Journal of Morphology</i> , 2021, 282, 1437-1454.	0.6	2
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25223	Early sex change of barramundi <i>Lates calcarifer</i> farmed in Singapore. <i>Aquaculture Reports</i> , 2021, 20, 100712.	0.7	4
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25225	Dysregulation of the AP2M1 phosphorylation cycle by LRRK2 impairs endocytosis and leads to dopaminergic neurodegeneration. <i>Science Signaling</i> , 2021, 14, .	1.6	11
25226	AniLength: GUI-based automatic worm length measurement software using image processing and deep neural network. <i>SoftwareX</i> , 2021, 15, 100795.	1.2	4
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25229	Structural basis of the membrane intramolecular transacylase reaction responsible for lyso-form lipoprotein synthesis. <i>Nature Communications</i> , 2021, 12, 4254.	5.8	6
25230	Medical Data and Mathematically Modeled Implicit Surface Real-Time Visualization in Web Browsers. <i>International Journal of Image and Graphics</i> , 0, , 2250027.	1.2	1
25231	Cuticular modified air sacs underlie white coloration in the olive fruit fly, <i>Bactrocera oleae</i> . <i>Communications Biology</i> , 2021, 4, 881.	2.0	4
25233	Microglial responses to CSF1 overexpression do not promote the expansion of other glial lineages. <i>Journal of Neuroinflammation</i> , 2021, 18, 162.	3.1	3
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25239	Correlating 3D porous structure in polymer films with mass transport properties using FIB-SEM tomography. <i>Chemical Engineering Science: X</i> , 2021, 12, 100109.	1.5	3
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25244	Pine Litter and Vermicompost as Alternative Substrates for Biobeds: Efficiency in Pesticide Degradation. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	5
25245	Overexpression of the $\alpha$ -PTPN22 Autoimmune Risk Variant LYP-620W Fails to Restrain Human CD4+ T Cell Activation. <i>Journal of Immunology</i> , 2021, 207, 849-859.	0.4	7

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25247	PAD2-mediated citrullination of Fibulin-5 promotes elastogenesis. <i>Matrix Biology</i> , 2021, 102, 70-84.	1.5	8
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25250	Quantifying variation in female internal genitalia: no evidence for plasticity in response to sexual conflict risk in a seed beetle. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210746.	1.2	4
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25252	Cyclic AMP is dispensable for allorecognition in <i>Dictyostelium</i> cells overexpressing PKA-C. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	4
25253	A Methodology to Compare Biomechanical Simulations With Clinical Brain Imaging Analysis Utilizing Two Blunt Impact Cases. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 654677.	2.0	4
25255	Interstrain Variability of Human Vaginal <i>Lactobacillus crispatus</i> for Metabolism of Biogenic Amines and Antimicrobial Activity against Urogenital Pathogens. <i>Molecules</i> , 2021, 26, 4538.	1.7	8
25256	Laser-based powder bed fusion of non-weldable low-alloy steels. <i>Powder Metallurgy</i> , 2022, 65, 121-132.	0.9	8
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25258	Enhanced cellular engraftment of adipose-derived mesenchymal stem cell spheroids by using nanosheets as scaffolds. <i>Scientific Reports</i> , 2021, 11, 14500.	1.6	15
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25261	Plasticity of rosette size in response to nitrogen availability is controlled by an <i>RCC1</i> -family protein. <i>Plant, Cell and Environment</i> , 2021, 44, 3398-3411.	2.8	11
25262	PB1-F2 amyloid-like fibers correlate with proinflammatory signaling and respiratory distress in influenza-infected mice. <i>Journal of Biological Chemistry</i> , 2021, 297, 100885.	1.6	3
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25265	Targeted Auger electron-emitter therapy: Radiochemical approaches for thallium-201 radiopharmaceuticals. <i>Nuclear Medicine and Biology</i> , 2021, 98-99, 1-7.	0.3	9



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25269	Seasonal Changes and the Interaction between the Horse Chestnut Leaf Miner <i>Cameraria ohridella</i> and Horse Chestnut Leaf Blotch Disease Caused by <i>Guignardia aesculi</i> . <i>Forests</i> , 2021, 12, 952.	0.9	4
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25271	Contribution to the taxonomy and distribution of Aciculidae (Mollusca: Gastropoda:). <i>Journal of Molluscan Studies</i> , 2021, 87, 542-544.	0.2	0
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25282	Use of PhenoCam Measurements and Image Analysis to Inform the ALMANAC Process-based Simulation Model. <i>Journal of Experimental Agriculture International</i> , 0, , 120-144.	0.3	0
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25289	The iron chelator, PBT434, modulates transcellular iron trafficking in brain microvascular endothelial cells. <i>PLoS ONE</i> , 2021, 16, e0254794.	1.1	6
25291	A new species of the genus <i>Pieris</i> Schrank, 1801 (Lepidoptera: Pieridae: Pierinae) with taxonomic notes on the <i>Pieris napi</i> group from India. <i>Zootaxa</i> , 2021, 5004, 501-520.	0.2	0
25292	Quantitative Analysis of Morphometric Data of Pre-modern Birds: Phylogenetic Versus Ecological Signal. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	3
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25294	<i>Tradescantia pallida</i> L. (Commelinaceae) influences the activity of oviposition and feeding of <i>Plutella xylostella</i> (Lepidoptera: Plutellidae). <i>Research, Society and Development</i> , 2021, 10, e57610817583.	0.0	2
25297	Exploiting polypharmacology to dissect host kinases and kinase inhibitors that modulate endothelial barrier integrity. <i>Cell Chemical Biology</i> , 2021, , .	2.5	9
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25301	Phenotypic plasticity in floral scent in response to nutrient, but not water, availability in the perennial plant <i>Arabis alpina</i> . <i>Functional Ecology</i> , 2021, 35, 1655-1665.	1.7	9
25302	Predominantly linear summation of metabotropic postsynaptic potentials follows coactivation of neurogliaform interneurons. <i>eLife</i> , 2021, 10, .	2.8	7
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25312	Map-like use of Earth's magnetic field in sharks. <i>Current Biology</i> , 2021, 31, 2881-2886.e3.	1.8	33
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25323	High-fat diet and caffeine interact to modulate bone microstructure and biomechanics in mice. <i>Life Sciences</i> , 2021, 276, 119450.	2.0	3
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25326	Beyond leaf habit: generalities in plant function across 97 tropical dry forest tree species. <i>New Phytologist</i> , 2021, 232, 148-161.	3.5	28
25327	Flame Tracker: An image analysis program to measure flame characteristics. <i>SoftwareX</i> , 2021, 15, 100791.	1.2	5
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25332	Carbonation of calcium-magnesium pyroxenes: Physical-chemical controls and effects of reaction-driven fracturing. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 304, 258-280.	1.6	14
25333	Probing Heterogeneous Degradation of Catalyst in PEM Fuel Cells under Realistic Automotive Conditions with Multi-Modal Techniques. <i>Advanced Energy Materials</i> , 2021, 11, 2101794.	10.2	25
25334	Automated tracking of <i>S. pombe</i> spindle elongation dynamics. <i>Journal of Microscopy</i> , 2021, 284, 83-94.	0.8	4
25336	pH-Responsive Capsule Polymer Particles Prepared by Interfacial Photo-Cross-Linking: Effect of the Alkyl Chain Length of the pH-Responsive Monomer. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 34973-34983.	4.0	10
25337	Versatility of unsaturated polyesters from electrospun macrolactones: RGD immobilization to increase cell attachment. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 257-265.	2.1	7
25338	Dissecting indirect genetic effects from peers in laboratory mice. <i>Genome Biology</i> , 2021, 22, 216.	3.8	5
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25342	A critical role of nuclear m6A reader YTHDC1 in leukemogenesis by regulating MCM complex-mediated DNA replication. <i>Blood</i> , 2021, 138, 2838-2852.	0.6	83
25343	Characterization of the pyrethroid resistance mechanisms in a <i>Blattella germanica</i> (Dictyoptera: Tj ETQq0 0 0 rgBT/Qverlock 10 Tf 50 2 0.5 1	0.5	1
25344	Hepatocyte Nuclear Factor 4 alpha 2 Messenger RNA Reprograms Liver-Enriched Transcription Factors and Functional Proteins in End-Stage Cirrhotic Human Hepatocytes. <i>Hepatology Communications</i> , 2021, 5, 1911-1926.	2.0	7
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25354	Biomimetic dentin repair with a dual-analogue phosphate glass-polyacrylate paste: A proof-of-concept. <i>Materials Chemistry and Physics</i> , 2021, 266, 124539.	2.0	6
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25357	An optogenetic assay method for electrogenic transporters using <i>Escherichia coli</i> co-expressing light-driven proton pump. <i>Protein Science</i> , 2021, 30, 2161-2169.	3.1	4
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25365	Expression of serum response factor in the lung mesenchyme is essential for development of pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L174-L188.	1.3	10
25366	Engineering large-scale chromosomal deletions by CRISPR-Cas9. <i>Nucleic Acids Research</i> , 2021, 49, 12007-12016.	6.5	18
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25370	Comparative Taxonomic Study of <i>Launaea</i> Cass. (Asteraceae, Cichorioideae) in Egypt. <i>Taxonomy</i> , 2021, 1, 192-209.	0.4	3
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25372	A standardized extract of cultured <i>Lentinula edodes</i> mycelia downregulates cortactin in gemcitabine-resistant pancreatic cancer cells. <i>Oncology Letters</i> , 2021, 22, 654.	0.8	0
25373	Reciprocal interaction between SIRT6 and APC/C regulates genomic stability. <i>Scientific Reports</i> , 2021, 11, 14253.	1.6	4
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25377	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
25378	Acclimation of hydraulic and morphological traits to water deficit delays hydraulic failure during simulated drought in poplar. <i>Tree Physiology</i> , 2021, 41, 2008-2021.	1.4	21
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25381	Development of high-fiber and sugar-free frozen pancakes: Influence of state and phase transitions on the instrumental textural quality of pancakes during storage. <i>LWT - Food Science and Technology</i> , 2021, 146, 111454.	2.5	5
25382	Assessing climate change tolerance and the niche breadth-range size hypothesis in rare and widespread alpine plants. <i>Oecologia</i> , 2021, 196, 1233-1245.	0.9	3
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25390	Differential Polarization Imaging of Plant Cells. Mapping the Anisotropy of Cell Walls and Chloroplasts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7661.	1.8	0
25391	Therapeutic manipulation of IKBKAP mis-splicing with a small molecule to cure familial dysautonomia. <i>Nature Communications</i> , 2021, 12, 4507.	5.8	21
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25394	<i>Legionella pneumophila</i> LegC7 effector protein drives aberrant endoplasmic reticulum:endosome contacts in yeast. <i>Traffic</i> , 2021, 22, 284-302.	1.3	2
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25396	Dynamic flow priming programs allow tuning up the cell layers properties for engineered vascular graft. <i>Scientific Reports</i> , 2021, 11, 14666.	1.6	2
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25399	Origin of Intraband Optical Transitions in Ag<sub>2</sub>Se Colloidal Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2021, 125, 17556-17564.	1.5	19
25400	Membrane perturbation by lipidated Atg8 underlies autophagosome biogenesis. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 583-593.	3.6	51
25401	A New Species of <i>Myxobolus</i> (Cnidaria: Myxosporea: Myxobolidae) from the Blue Sucker, <i>Cycleptus elongatus</i> (Lesueur) (Cypriniformes: Catostomidae: Cycleptinae), from Arkansas. <i>Journal of Parasitology</i> , 2021, 107, 582-592.	0.3	4
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25403	A realistic way to investigate the design, and mechanical properties of flow diverter stents. <i>Expert Review of Medical Devices</i> , 2021, 18, 569-579.	1.4	3
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25405	MIR21-induced loss of junctional adhesion molecule A promotes activation of oncogenic pathways, progression and metastasis in colorectal cancer. <i>Cell Death and Differentiation</i> , 2021, 28, 2970-2982.	5.0	13

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25407	Effect of V content on corrosion behavior of high-energy ball milled AA5083. <i>Corrosion Science</i> , 2021, 186, 109465.	3.0	26
25408	Gut-brain communication by distinct sensory neurons differently controls feeding and glucose metabolism. <i>Cell Metabolism</i> , 2021, 33, 1466-1482.e7.	7.2	79
25409	Resolving cellular and molecular diversity along the hippocampal anterior-to-posterior axis in humans. <i>Neuron</i> , 2021, 109, 2091-2105.e6.	3.8	71
25410	DNAJA1 Dysregulates Metabolism Promoting an Antiapoptotic Phenotype in Pancreatic Ductal Adenocarcinoma. <i>Journal of Proteome Research</i> , 2021, 20, 3925-3939.	1.8	6
25411	Plasmodium falciparum DDX17 is an RNA helicase crucial for parasite development. <i>Biochemistry and Biophysics Reports</i> , 2021, 26, 101000.	0.7	2
25412	Further evaluation and validation of HybridoMed Diff 1000 and its comparison to Basch medium for the cell-free culture of Schistosoma mansoni juvenile worm stages. <i>International Journal for Parasitology</i> , 2021, 51, 613-619.	1.3	3
25413	True doping levels in hydrothermally derived copper-doped ceria. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	9
25415	SARS-COV-2 spike binding to ACE2 in living cells monitored by TR-FRET. <i>Cell Chemical Biology</i> , 2022, 29, 74-83.e4.	2.5	13
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25417	Evaluation of Streptococcus mutans Adhesion to Stainless Steel Surfaces Modified Using Different Topographies Following a Biomimetic Approach. <i>Coatings</i> , 2021, 11, 829.	1.2	3
25418	Coformulation with Tattoo Ink for Immunological Assessment of Vaccine Immunogenicity in the Draining Lymph Node. <i>Journal of Immunology</i> , 2021, 207, 735-744.	0.4	6
25419	Age-dependent alterations in key components of the nigrostriatal dopaminergic system and distinct motor phenotypes. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 862-875.	2.8	5
25420	Comparative development and ocular histology between epigeal and subterranean salamanders (Eurycea) from central Texas. <i>PeerJ</i> , 2021, 9, e11840.	0.9	2
25421	PAL1 facilitates DNA and nucleosome binding by PRC2 and triggers an allosteric activation of catalysis. <i>Nature Communications</i> , 2021, 12, 4592.	5.8	18
25422	ACE2 interaction with cytoplasmic PDZ protein enhances SARS-CoV-2 invasion. <i>IScience</i> , 2021, 24, 102770.	1.9	18
25423	Vertical stratification of dung beetles in young secondary forests of Singapore. <i>Biotropica</i> , 2021, 53, 1522-1534.	0.8	4
25424	EGFL6 regulates angiogenesis and osteogenesis in distraction osteogenesis via Wnt/ $\beta$ 2-catenin signaling. <i>Stem Cell Research and Therapy</i> , 2021, 12, 415.	2.4	34



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25426	Lycopene suppresses palmitic acid-induced brain oxidative stress, hyperactivity of some neuro-signalling enzymes, and inflammation in female Wistar rat. <i>Scientific Reports</i> , 2021, 11, 15038.	1.6	14
25427	In vivo recellularization of xenogeneic vascular grafts decellularized with high hydrostatic pressure method in a porcine carotid arterial interpose model. <i>PLoS ONE</i> , 2021, 16, e0254160.	1.1	9
25428	The Effects of Salinity on the Anatomy and Gene Expression Patterns in Leaflets of Tomato cv. Micro-Tom. <i>Genes</i> , 2021, 12, 1165.	1.0	6
25429	Lysine-oligoether-modified electrospun poly(carbonate urethane) matrices for improving hemocompatibility response. <i>Polymer Journal</i> , 2021, 53, 1393-1402.	1.3	2
25431	High-resolution characterization of gene function using single-cell CRISPR tiling screen. <i>Nature Communications</i> , 2021, 12, 4063.	5.8	23
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25438	Variability in the type and layer distribution of cortical A $\beta$ 2 pathology in familial Alzheimer's disease. <i>Brain Pathology</i> , 2022, 32, e13009.	2.1	12
25439	Collagenase Activity of Bromelain Immobilized at Gold Nanoparticle Interfaces for Therapeutic Applications. <i>Pharmaceutics</i> , 2021, 13, 1143.	2.0	10
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25441	Manganese-Cobalt Based Spinel Coatings Processed by Electrophoretic Deposition Method: The Influence of Sintering on Degradation Issues of Solid Oxide Cell Oxygen Electrodes at 750 $\text{\AA}$ °C. <i>Materials</i> , 2021, 14, 3836.	1.3	12
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25444	Positive Effects of Three-Dimensional Collagen-Based Matrices on the Behavior of Osteoprogenitors. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 708830.	2.0	7

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25448	Genital movements are not restricted to spermatozoa transfer in a haplogyne spider. <i>Ethology</i> , 2021, 127, 731-738.	0.5	2
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25452	Postnatal Ozone Exposure Disrupts Alveolar Development, Exaggerates Mucoinflammatory Responses, and Suppresses Bacterial Clearance in Developing <i>Scnn1b</i> <sup>-/-</sup> -Tg <sup>+</sup> Mice Lungs. <i>Journal of Immunology</i> , 2021, 207, 1165-1179.	0.4	6
25453	Evidence of Immune Modulators in the Secretome of the Equine Tapeworm <i>Anoplocephala perfoliata</i> . <i>Pathogens</i> , 2021, 10, 912.	1.2	8
25454	Comparison of CRISPR and adenovirus-mediated Myd88 knockdown in RAW 264.7 cells and responses to lipopolysaccharide stimulation. <i>Journal of Biological Methods</i> , 2021, 8, e151.	1.0	1
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25458	Investigation of cool-season species, seeding rate, and nitrogen fertilization in sod production: II. Management and shelf-life. <i>Agronomy Journal</i> , 2021, 113, 3460-3474.	0.9	10
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25463	Endo-lysosomal $A\beta^2$ concentration and pH trigger formation of $A\beta^2$ oligomers that potently induce Tau missorting. <i>Nature Communications</i> , 2021, 12, 4634.	5.8	59
25465	Mutations in TP73 cause impaired mucociliary clearance and lissencephaly. <i>American Journal of Human Genetics</i> , 2021, 108, 1318-1329.	2.6	15
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25468	β-Catenin is required for optimal exercise- and contraction- stimulated skeletal muscle glucose uptake. <i>Journal of Physiology</i> , 2021, 599, 3897-3912.	1.3	12
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25470	Action-at-a-distance mutations at 5'-GpA-3' sites induced by oxidised guanine in WRN-knockdown cells. <i>Mutagenesis</i> , 2021, 36, 349-357.	1.0	5
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25473	Tracing the horizontal transport of microplastics on rough surfaces. <i>Microplastics and Nanoplastics</i> , 2021, 1, .	4.1	16
25474	Age-dependent appearance of SARS-CoV-2 entry sites in mouse chemosensory systems reflects COVID-19 anosmia-ageusia symptoms. <i>Communications Biology</i> , 2021, 4, 880.	2.0	10
25475	Mosquito-Textile Physics: A Mathematical Roadmap to Insecticide-Free, Bite-Proof Clothing for Everyday Life. <i>Insects</i> , 2021, 12, 636.	1.0	10
25476	En-face optical coherence tomography analysis of gold and silver nanoparticles in endodontic irrigating solutions: An <i>in vitro</i> study. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 992.	0.8	3
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25480	Synthesis and structure-activity relationship of mitochondria-targeting peptoids with varying hydrophobicity and cationic charge. <i>Peptide Science</i> , 0, , e24239.	1.0	1
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25483	Five-(Tetradecyloxy)-2-furoic Acid Alleviates Cholangiocarcinoma Growth by Inhibition of Cell-cycle Progression and Induction of Apoptosis. <i>Anticancer Research</i> , 2021, 41, 3389-3400.	0.5	1
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25485	Parvalbumin interneuron inhibition onto anterior insula neurons projecting to the basolateral amygdala drives aversive taste memory retrieval. <i>Current Biology</i> , 2021, 31, 2770-2784.e6.	1.8	15
25486	Mild Microglial Responses in the Cortex and Perivascular Macrophage Infiltration in Subcortical White Matter in Dogs with Age-Related Dementia Modelling Prodromal Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 575-592.	1.2	3

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25490	Ca <sup>2+</sup> /calmodulin kinase II-dependent regulation of $\beta$ IV-spectrin modulates cardiac fibroblast gene expression, proliferation, and contractility. <i>Journal of Biological Chemistry</i> , 2021, 297, 100893.	1.6	7
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25503	Occurrence of Volcanogenic Inorganic Mercury in Wild Mice Spinal Cord: Potential Health Implications. <i>Biological Trace Element Research</i> , 2022, 200, 2838-2847.	1.9	3
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25506	The multidimensional nutritional niche of fungusâ€cultivar provisioning in freeâ€ranging colonies of a neotropical leafcutter ant. <i>Ecology Letters</i> , 2021, 24, 2439-2451.	3.0	6
25507	A Universal Approach to Analyzing Transmission Electron Microscopy with ImageJ. <i>Cells</i> , 2021, 10, 2177.	1.8	85
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25521	The effect of Fe on chemical stability and oxygen evolution performance of high surface area SrTi <sub>x</sub> -1FexO <sub>3</sub> - $\delta$ mixed ionic-electronic conductors in alkaline media. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 28575-28590.	3.8	14
25522	Wharton's Jelly Mesenchymal Stem Cell-Derived Extracellular Vesicles Reduce SARS-CoV2-Induced Inflammatory Cytokines Under High Glucose and Uremic Toxin Conditions. <i>Stem Cells and Development</i> , 2021, 30, 758-772.	1.1	15
25523	Generalist camouflage can be more successful than microhabitat specialisation in natural environments. <i>Bmc Ecology and Evolution</i> , 2021, 21, 151.	0.7	5

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25527	Nicardipine Inhibits Breast Cancer Migration via Nrf2/HO-1 Axis and Matrix Metalloproteinase-9 Regulation. <i>Frontiers in Pharmacology</i> , 2021, 12, 710978.	1.6	6
25529	Mac-1 Receptor Clustering Initiates Production of Pro-Inflammatory, Antibacterial Extracellular Vesicles From Neutrophils. <i>Frontiers in Immunology</i> , 2021, 12, 671995.	2.2	5
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25534	Nonlinear elastodynamic behavior of intact and fractured rock under in-situ stress and saturation conditions. <i>Journal of the Mechanics and Physics of Solids</i> , 2021, 153, 104491.	2.3	8
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25541	Smooth borders between inner nuclear layer and outer plexiform layer predict fewer macular edema recurrences in branch retinal vein occlusion. <i>Scientific Reports</i> , 2021, 11, 15987.	1.6	2
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25544	Acclimation for optimisation: effects of temperature on development, reproduction and size of <i>Trichogramma achaeae</i> . <i>Biocontrol Science and Technology</i> , 2022, 32, 60-73.	0.5	2

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25546	Biliary Migration, Colonization, and Pathogenesis of <i>O. viverrini</i> Co-Infected with CagA+ <i>Helicobacter pylori</i> . <i>Pathogens</i> , 2021, 10, 1089.	1.2	9
25547	Developing a SARS-CoV-2 Antigen Test Using Engineered Affinity Proteins. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 38990-39002.	4.0	12
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25558	Using Delaunay triangulation to sample whole-specimen color from digital images. <i>Ecology and Evolution</i> , 2021, 11, 12468-12484.	0.8	6
25559	Bioactive Hydrogels: Design and Characterization of Cellulose-Derived Injectable Composites. <i>Materials</i> , 2021, 14, 4511.	1.3	7
25560	Fabrication of Foldable Composite Structures Obtained by Selective Curing of Prepregs Made of Long-fibre Reinforcements Impregnated with UV-curable Resin System. <i>Applied Composite Materials</i> , 2021, 28, 1781-1797.	1.3	4
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25562	The Effects of Photosensitizing Dyes Fagopyrin and Hypericin on Planktonic Growth and Multicellular Life in Budding Yeast. <i>Molecules</i> , 2021, 26, 4708.	1.7	7
25563	Capturing membrane trafficking events during 3D angiogenic development in vitro. <i>Microcirculation</i> , 2022, 29, e12726.	1.0	10
25564	Gsx1 promotes locomotor functional recovery after spinal cord injury. <i>Molecular Therapy</i> , 2021, 29, 2469-2482.	3.7	31
25565	Supramolecular Assembly of Nanostructured Conducting Polymer Hydrogels by Hydrotropic Agents for Outstanding Supercapacitive Energy Storage. <i>ACS Applied Energy Materials</i> , 2021, 4, 9099-9110.	2.5	19

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25578	A novel BMP-2-loaded hydroxyapatite/beta-tricalcium phosphate microsphere/hydrogel composite for bone regeneration. <i>Scientific Reports</i> , 2021, 11, 16924.	1.6	24
25579	The Perception of Rhizosphere Bacterial Communication Signals Leads to Transcriptome Reprogramming in <i>Lysobacter capsici</i> AZ78, a Plant Beneficial Bacterium. <i>Frontiers in Microbiology</i> , 2021, 12, 725403.	1.5	3
25580	Strain Characterization in Two-Dimensional Crystals. <i>Materials</i> , 2021, 14, 4460.	1.3	7
25582	Bilberry ( <i>Vaccinium myrtillus</i> L.) Powder Has Anticarcinogenic Effects on Oral Carcinoma In Vitro and In Vivo. <i>Antioxidants</i> , 2021, 10, 1319.	2.2	8
25583	Characterization of <i>Arabidopsis thaliana</i> R2R3 S23 MYB Transcription Factors as Novel Targets of the Ubiquitin Proteasome-Pathway and Regulators of Salt Stress and Abscisic Acid Response. <i>Frontiers in Plant Science</i> , 2021, 12, 629208.	1.7	14
25584	PyJAMAS: open-source, multimodal segmentation and analysis of microscopy images. <i>Bioinformatics</i> , 2022, 38, 594-596.	1.8	13



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25587	<i>Streptococcus agalactiae</i> do not penetrate human chorioamniotic membranes in vitro but alter their biomechanical properties. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2021, 100, 1814-1821.	1.3	0
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25589	Distribution of Glutamatergic and Glycinergic Inputs onto Human Auditory Coincidence Detector Neurons. <i>Neuroscience</i> , 2021, 468, 75-87.	1.1	4
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25598	The Cyclin-Dependent Kinase 8 (CDK8) Inhibitor DCA Promotes a Tolerogenic Chemical Immunophenotype in CD4 <sup>+</sup> T Cells via a Novel CDK8-GATA3-FOXP3 Pathway. <i>Molecular and Cellular Biology</i> , 2021, 41, e0008521.	1.1	3
25599	Endothelial Semaphorin 3fb regulates Vegf pathway-mediated angiogenic sprouting. <i>PLoS Genetics</i> , 2021, 17, e1009769.	1.5	5
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25606	Morphometry of bovine blastocysts produced in vitro in culture media with antioxidants cysteamine or oily extract of <i>Lippia origanoides</i> . <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2021, 73, 799-811.	0.1	1
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25610	Synthetic NAC 71-82 Peptides Designed to Produce Fibrils with Different Protofilament Interface Contacts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9334.	1.8	2
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25644	Raised by aliens: constant exposure to an invasive predator triggers morphological but not behavioural plasticity in a threatened species tadpoles. <i>Biological Invasions</i> , 2021, 23, 3777-3793.	1.2	2
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25648	The Roles of Grain Boundary Refinement and Nano-Precipitates in Flux Pinning of APC Nb <sub>3</sub> Sn. <i>IEEE Transactions on Applied Superconductivity</i> , 2021, 31, 1-5.	1.1	9
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25683	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
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25980	Context-Dependent Effects of <i>Trichoderma</i> Seed Inoculation on Anthracnose Disease and Seed Yield of Bean ( <i>Phaseolus Vulgaris</i> ): Ambient Conditions Override Cultivar-Specific Differences. <i>Plants</i> , 2021, 10, 1739.	1.6	2

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25988	Sexual dimorphism in cranial shape and size in geomyoid rodents: multivariate and evolutionary perspectives. <i>Environmental Epigenetics</i> , 0, , .	0.9	2
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26002	Cone-beam computed tomography observation of maxillary first premolar canal shapes. <i>Anatomy and Cell Biology</i> , 2021, 54, 424-430.	0.5	5
26003	Structural characterization of KKT4, an unconventional microtubule-binding kinetochore protein. <i>Structure</i> , 2021, 29, 1014-1028.e8.	1.6	9
26004	Mechanical performance of zirconia-silica bilayer coating on aluminum alloys with varying porosities: Deep learning and microstructure-based FEM. <i>Materials and Design</i> , 2021, 207, 109860.	3.3	9
26005	Bayesian approach for predicting photogrammetric uncertainty in morphometric measurements derived from drones. <i>Marine Ecology - Progress Series</i> , 2021, 673, 193-210.	0.9	21
26006	Rewiring of human neurodevelopmental gene regulatory programs by human accelerated regions. <i>Neuron</i> , 2021, 109, 3239-3251.e7.	3.8	91
26007	Podoplanin drives dedifferentiation and amoeboid invasion of melanoma. <i>IScience</i> , 2021, 24, 102976.	1.9	9
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26010	Rapid microgeographic evolution in response to climate change. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2930-2943.	1.1	6
26011	Potential increase in radiation-induced DNA double-strand breaks with higher doses of iodine contrast during coronary CT angiography. <i>Medical Physics</i> , 2021, 48, 7526-7533.	1.6	3
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26126	Constitutive and fracture behavior of ultra-strong supercrystalline nanocomposites. <i>Applied Physics Reviews</i> , 2021, 8, 031414.	5.5	7
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26149	Disruptive effect of artificial light at night on leaf litter consumption, growth and activity of freshwater shredders. <i>Science of the Total Environment</i> , 2021, 786, 147407.	3.9	11
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26168	Pectoralis muscle area and its association with indices of disease severity in interstitial lung disease. <i>Respiratory Medicine</i> , 2021, 186, 106539.	1.3	14
26169	Targeting of Uropathogenic <i>Escherichia coli</i> papG gene using CRISPR-dot nanocomplex reduced virulence of UPEC. <i>Scientific Reports</i> , 2021, 11, 17801.	1.6	13
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26314	Influence of warm mix additive on internal structure of dry process crumb rubber modified mixtures. <i>Journal of Cleaner Production</i> , 2021, 313, 127959.	4.6	13
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26344	Two-photon excitation fluorescent spectral and decay properties of retrograde neuronal tracer Fluoro-Gold. <i>Scientific Reports</i> , 2021, 11, 18053.	1.6	3
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26422	Î±I-spectrin represents evolutionary optimization of spectrin for red blood cell deformability. <i>Biophysical Journal</i> , 2021, 120, 3588-3599.	0.2	4
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26425	Reproductive biology of two deep-sea octocorals in the Azores Archipelago. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 175, 103587.	0.6	3
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26439	Sub-diffraction error mapping for localisation microscopy images. <i>Nature Communications</i> , 2021, 12, 5611.	5.8	14
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26478	Rapid shifts in behavioural traits during a recent fish invasion. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 1.	0.6	9
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26480	STING nuclear partners contribute to innate immune signaling responses. <i>IScience</i> , 2021, 24, 103055.	1.9	22

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26482	Effect of dietary guanidinoacetic acid or nucleotides supplementation on growth performances, carcass traits, meat quality and occurrence of myopathies in broilers. <i>Livestock Science</i> , 2021, 251, 104659.	0.6	9
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26544	Microstructural changes enhance oxygen transport in tomato ( <i>Solanum lycopersicum</i> ) fruit during maturation and ripening. <i>New Phytologist</i> , 2021, 232, 2043-2056.	3.5	9
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26560	The impact of glass ionomer cement and composite resin on microscale pH in cariogenic biofilms and demineralization of dental tissues. <i>Dental Materials</i> , 2021, 37, 1576-1583.	1.6	5
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26569	Traumatic brain injury induces region-specific glutamate metabolism changes as measured by multiple mass spectrometry methods. <i>IScience</i> , 2021, 24, 103108.	1.9	16
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26578	Lycopene abrogates obesity-provoked hyperactivity of neurosignalling enzymes, oxidative stress and hypothalamic inflammation in female Wistar rats. <i>Neurochemistry International</i> , 2021, 149, 105125.	1.9	8
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26603	Mesophase characteristics of cellulose nanocrystal films prepared from electrolyte suspensions. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 207-218.	5.0	20
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26614	Porosity and organic matter distribution in jarositic phyto tubules of sulfuric soils assessed by combined $\mu$ CT and NanoSIMS analysis. <i>Geoderma</i> , 2021, 399, 115124.	2.3	8
26615	Fingerprinting fluid evolution by trace elements in epithermal pyrite, Vatukoula Au-Te deposit, Fiji. <i>Ore Geology Reviews</i> , 2021, 137, 104314.	1.1	14
26616	Limited light intensity and low temperature: Can plants survive freezing in light conditions that more accurately replicate the cold season in temperate regions?. <i>Environmental and Experimental Botany</i> , 2021, 190, 104581.	2.0	10

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26618	Gut immune-related gene expression, histomorphometry and hematoimmunological assays in Nile tilapia ( <i>Oreochromis niloticus</i> ) fed <i>Aspergillus oryzae</i> fermented olive cake. <i>Fish and Shellfish Immunology</i> , 2021, 117, 299-310.	1.6	10
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26620	Real-time investigation of Lysozyme crystallization kinetics: a neutron diffraction study. <i>Journal of Crystal Growth</i> , 2021, 576, 126362.	0.7	2
26621	Therapeutic potential of clinical-grade human induced pluripotent stem cell-derived cardiac tissues. <i>JTCVS Open</i> , 2021, , .	0.2	3
26622	Lead (Pb) induced Oxidative Stress as a Mechanism to Cause Neurotoxicity in <i>Drosophila melanogaster</i> . <i>Toxicology</i> , 2021, 462, 152959.	2.0	19
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26631	Nonlinear material and ionic transport through membrane nanotubes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183677.	1.4	5
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26638	A nanosecond pulsed electric field (nsPEF) can affect membrane permeabilization and cellular viability in a 3D spheroids tumor model. <i>Bioelectrochemistry</i> , 2021, 141, 107839.	2.4	9
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26650	Role of TRPM8 in switching between fever and hypothermia in adult mice during endotoxin-induced inflammation. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2021, 16, 100291.	1.3	3
26651	Factors associated with paravertebral muscle cross-sectional area in patients with chronic low back pain. <i>Korean Journal of Pain</i> , 2021, 34, 454-462.	0.8	9
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26674	The effect of acute exercise on pre-prandial ghrelin levels in healthy adults: A systematic review and meta-analysis. <i>Peptides</i> , 2021, 145, 170625.	1.2	7
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26681	Evaluation of three cold storage methods of <i>Bagrada hilaris</i> (Hemiptera: Pentatomidae) and the effects of host deprivation for an optimized rearing of the biocontrol candidate <i>Gryon gonikopalense</i> (Hymenoptera: Scelionidae). <i>Biological Control</i> , 2021, 163, 104759.	1.4	3
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26692	A low-cost versatile system for continuous real-time respiratory activity measurement as a tool in environmental research. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 184, 109928.	2.5	3
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26695	Inactivation of SARS-CoV-2 by $\hat{I}^2$ -propiolactone causes aggregation of viral particles and loss of antigenic potential. <i>Virus Research</i> , 2021, 305, 198555.	1.1	29
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26710	Investigations of powder reusing on microstructure and mechanical properties of Inconel 718 obtained by additive manufacturing. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 828, 142113.	2.6	18
26711	Microstructurally-Informed Life Prediction Modeling of Combined High-Cycle Fatigue and Creep in a Ni-base Superalloy. <i>International Journal of Fatigue</i> , 2021, 152, 106444.	2.8	0
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26715	A standardised method for estimating the level of visible debris in bird nests. <i>Marine Pollution Bulletin</i> , 2021, 172, 112889.	2.3	6
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26722	Roughening improves hydrogen embrittlement resistance of Ti-6Al-4V. <i>Acta Materialia</i> , 2021, 220, 117304.	3.8	23
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26742	Image-based cell phenotyping with deep learning. <i>Current Opinion in Chemical Biology</i> , 2021, 65, 9-17.	2.8	58
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26751	Simultaneous real time estimation of heat flux and hot spot temperature in machining process using infrared camera. <i>Case Studies in Thermal Engineering</i> , 2021, 28, 101352.	2.8	4
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26760	Nanostructured K <sub>x</sub> Na <sub>1-x</sub> NbO <sub>3</sub> hollow spheres as potential materials for the photocatalytic treatment of polluted water. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120502.	10.8	16
26761	Calcium-induced release of cytochrome c from cardiolipin nanodisks: Implications for apoptosis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183722.	1.4	10
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26764	Cardiac dysfunction affects eye development and vision by reducing supply of lipids in fish. Science of the Total Environment, 2021, 800, 149460.	3.9	11
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28249	Induction of Short-Term Sensitization by an Aversive Chemical Stimulus in Zebrafish Larvae. <i>ENeuro</i> , 2020, 7, ENEURO.0336-19.2020.	0.9	4
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28285	Survival and Growth of Brazil-Nut Seedlings in Tree-Fall Gaps and Forest Understory. <i>Floresta E Ambiente</i> , 2020, 27, .	0.1	3
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28303	Tracking and Analysis of FUCCI-Labeled Cells Based on Particle Filters and Time-to-Event Analysis. <i>International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB)</i> , 2020, 10, 94-109.	0.2	5
28304	ImageJ/Fiji ROI 1-click tools for rapid manual image annotations and measurements. <i>MicroPublication Biology</i> , 2020, 2020, .	0.1	6
28305	An Intravital Multiphoton Microscopy Model for visualization of tumor cell dissemination and lymphatic vasculature. <i>Cancer Research Frontiers</i> , 2015, 1, 200-207.	0.2	1
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28307	Combined Porogen Leaching and Emulsion Templating to produce Bone Tissue Engineering Scaffolds. <i>International Journal of Bioprinting</i> , 2020, 6, 265.	1.7	20
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28311	ePAD: An Image Annotation and Analysis Platform for Quantitative Imaging. <i>Tomography</i> , 2019, 5, 170-183.	0.8	30
28312	A Carbon-Fiber Sheet Resistor for MR-, CT-, SPECT-, and PET-Compatible Temperature Maintenance in Small Animals. <i>Tomography</i> , 2019, 5, 274-281.	0.8	10
28313	Quantification of Human Central Adipose Tissue Depots: An Anatomically Matched Comparison Between DXA and MRI. <i>Tomography</i> , 2019, 5, 358-366.	0.8	9
28314	Diffusion-Weighted and Dynamic Contrast-Enhanced MRI Derived Imaging Metrics for Stereotactic Body Radiotherapy of Pancreatic Ductal Adenocarcinoma: Preliminary Findings. <i>Tomography</i> , 2020, 6, 261-271.	0.8	10
28315	P2Y1 nucleotide receptor silencing and its effect on glioma C6 calcium signaling.. <i>Acta Biochimica Polonica</i> , 2012, 59, .	0.3	6
28316	Absence of ductal hyper-keratinization in Mouse age-related meibomian gland dysfunction (ARMGD). <i>Aging</i> , 2013, 5, 825-834.	1.4	61
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28318	An intestinal microRNA modulates the homeostatic adaptation to chronic oxidative stress in <i>C. elegans</i> . <i>Aging</i> , 2016, 8, 1979-2005.	1.4	29
28319	The progeroid gene <i>BubR1</i> regulates axon myelination and motor function. <i>Aging</i> , 2016, 8, 2667-2688.	1.4	23
28320	Transcriptional regulation of <i>PNPLA3</i> and its impact on susceptibility to nonalcoholic fatty liver Disease (NAFLD) in humans. <i>Aging</i> , 2016, 9, 26-40.	1.4	11
28321	Voluntary aerobic exercise increases arterial resilience and mitochondrial health with aging in mice. <i>Aging</i> , 2016, 8, 2897-2914.	1.4	41
28322	Telomerase gene therapy ameliorates the effects of neurodegeneration associated to short telomeres in mice. <i>Aging</i> , 2019, 11, 2916-2948.	1.4	36
28323	TRPM7 channel inhibition exacerbates pulmonary arterial hypertension through MEK/ERK pathway. <i>Aging</i> , 2019, 11, 4050-4065.	1.4	20
28324	Knockout of p75 neurotrophin receptor attenuates the hyperphosphorylation of Tau in pR5 mouse model. <i>Aging</i> , 2019, 11, 6762-6791.	1.4	17
28325	Slower rates of accumulation of DNA damage in leukocytes correlate with longer lifespans across several species of birds and mammals. <i>Aging</i> , 2019, 11, 9829-9845.	1.4	7
28326	Exosomal miR-200c suppresses chemoresistance of docetaxel in tongue squamous cell carcinoma by suppressing <i>TUBB3</i> and <i>PPP2R1B</i> . <i>Aging</i> , 2020, 12, 6756-6773.	1.4	37
28327	Exosomal miRNA-34 from cancer-associated fibroblasts inhibits growth and invasion of gastric cancer cells in vitro and in vivo. <i>Aging</i> , 2020, 12, 8549-8564.	1.4	37

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28333	Biological characteristics of aging in human acute myeloid leukemia cells: the possible importance of aldehyde dehydrogenase, the cytoskeleton and altered transcriptional regulation. <i>Aging</i> , 2020, 12, 24734-24777.	1.4	13
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28338	The anticancer phytochemical rocaglamide inhibits Rho GTPase activity and cancer cell migration. <i>Oncotarget</i> , 2016, 7, 51908-51921.	0.8	22
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28340	Obesity does not promote tumorigenesis of localized patient-derived prostate cancer xenografts. <i>Oncotarget</i> , 2016, 7, 47650-47662.	0.8	18
28341	Intra-tumoral delivery of functional ID4 protein via PCL/maltodextrin nano-particle inhibits prostate cancer growth. <i>Oncotarget</i> , 2016, 7, 68072-68085.	0.8	11
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28343	Lunasin is a novel therapeutic agent for targeting melanoma cancer stem cells. <i>Oncotarget</i> , 2016, 7, 84128-84141.	0.8	36
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28345	NOX4 downregulation leads to senescence of human vascular smooth muscle cells. <i>Oncotarget</i> , 2016, 7, 66429-66443.	0.8	39
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28348	Metastasis-suppressing <i>NID2</i> , an epigenetically-silenced gene, in the pathogenesis of nasopharyngeal carcinoma and esophageal squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 78859-78871.	0.8	33
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28350	Cellular effects of fluorodeoxyglucose: Global changes in the lipidome and alteration in intracellular transport. <i>Oncotarget</i> , 2016, 7, 79885-79900.	0.8	5
28351	Newcastle disease virus employs macropinocytosis and Rab5a-dependent intracellular trafficking to infect DF-1 cells. <i>Oncotarget</i> , 2016, 7, 86117-86133.	0.8	19
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28353	CD147: a small molecule transporter ancillary protein at the crossroad of multiple hallmarks of cancer and metabolic reprogramming. <i>Oncotarget</i> , 2017, 8, 6742-6762.	0.8	36
28354	RITA displays anti-tumor activity in medulloblastomas independent of <i>TP53</i> status. <i>Oncotarget</i> , 2017, 8, 27882-27891.	0.8	4
28355	Protein phosphatase 2A regulatory subunit B55 $\beta$ functions in mouse oocyte maturation and early embryonic development. <i>Oncotarget</i> , 2017, 8, 26979-26991.	0.8	16
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28357	Inhibitors of the PI3K/mTOR pathway prevent STAT5 phosphorylation in <i>JAK2V617F</i> mutated cells through PP2A/CIP2A axis. <i>Oncotarget</i> , 2017, 8, 96710-96724.	0.8	32
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28359	MARCKS promotes invasion and is associated with biochemical recurrence in prostate cancer. <i>Oncotarget</i> , 2017, 8, 72021-72030.	0.8	20
28360	A genome-wide miRNA screen revealed miR-603 as a MGMT-regulating miRNA in glioblastomas. <i>Oncotarget</i> , 2014, 5, 4026-4039.	0.8	62
28361	DNMT3B overexpression contributes to aberrant DNA methylation and MYC-driven tumor maintenance in T-ALL and Burkitt's lymphoma. <i>Oncotarget</i> , 2017, 8, 76898-76920.	0.8	44
28362	Sitagliptin attenuates high glucose-induced alterations in migration, proliferation, calcification and apoptosis of vascular smooth muscle cells through ERK1/2 signal pathway. <i>Oncotarget</i> , 2017, 8, 77168-77180.	0.8	15
28363	High visceral fat percentage is associated with poor outcome in endometrial cancer. <i>Oncotarget</i> , 2017, 8, 105184-105195.	0.8	33
28364	Comparison of immune microenvironments between primary tumors and brain metastases in patients with breast cancer. <i>Oncotarget</i> , 2017, 8, 103671-103681.	0.8	76

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28367	CdGAP/ARHGAP31 is regulated by RSK phosphorylation and binding to 14-3-3 $\beta$ adaptor protein. <i>Oncotarget</i> , 2018, 9, 11646-11664.	0.8	10
28368	Tumor cell death after electrotransfer of plasmid DNA is associated with cytosolic DNA sensor upregulation. <i>Oncotarget</i> , 2018, 9, 18665-18681.	0.8	20
28369	Hypoxia-inducible factor-2 alpha up-regulates CD70 under hypoxia and enhances anchorage-independent growth and aggressiveness in cancer cells. <i>Oncotarget</i> , 2018, 9, 19123-19135.	0.8	21
28370	Selinexor synergizes with dexamethasone to repress mTORC1 signaling and induce multiple myeloma cell death. <i>Oncotarget</i> , 2018, 9, 25529-25544.	0.8	31
28371	Phosphatidylinositol 3-kinase p110 $\beta$ expression in Merkel cell carcinoma. <i>Oncotarget</i> , 2018, 9, 29565-29573.	0.8	5
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28373	Alendronate-induced disruption of actin cytoskeleton and inhibition of migration/invasion are associated with cofilin downregulation in PC-3 prostate cancer cells. <i>Oncotarget</i> , 2018, 9, 32593-32608.	0.8	14
28374	Ganoderma lucidum extract (GLE) impairs breast cancer stem cells by targeting the STAT3 pathway. <i>Oncotarget</i> , 2018, 9, 35907-35921.	0.8	27
28375	Targeting the Wnt/ $\beta$ -catenin pathway in human osteosarcoma cells. <i>Oncotarget</i> , 2018, 9, 36780-36792.	0.8	48
28376	Optimal targeting of BCL-family proteins in head and neck squamous cell carcinoma requires inhibition of both BCL-xL and MCL-1. <i>Oncotarget</i> , 2019, 10, 494-510.	0.8	25
28377	The X-linked tumor suppressor TSPX downregulates cancer-drivers/oncogenes in prostate cancer in a C-terminal acidic domain dependent manner. <i>Oncotarget</i> , 2019, 10, 1491-1506.	0.8	5
28378	Stratifying nonfunctional pituitary adenomas into two groups distinguished by macrophage subtypes. <i>Oncotarget</i> , 2019, 10, 2212-2223.	0.8	33
28379	The ubiquitin ligase Siah is a novel regulator of Zeb1 in breast cancer. <i>Oncotarget</i> , 2015, 6, 862-873.	0.8	53
28380	IL-1RT1 signaling antagonizes IL-11 induced STAT3 dependent cardiac and antral stomach tumor development through myeloid cell enrichment. <i>Oncotarget</i> , 2015, 6, 679-695.	0.8	5
28381	Development and comprehensive characterization of porcine hepatocellular carcinoma for translational liver cancer investigation. <i>Oncotarget</i> , 2020, 11, 2686-2701.	0.8	19
28382	A unifying gene signature for adenoid cystic cancer identifies parallel MYB-dependent and MYB-independent therapeutic targets. <i>Oncotarget</i> , 2014, 5, 12528-12542.	0.8	43

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28385	A selective ATP-competitive sphingosine kinase inhibitor demonstrates anti-cancer properties. <i>Oncotarget</i> , 2015, 6, 7065-7083.	0.8	62
28386	Small molecule inhibition of Axl receptor tyrosine kinase potently suppresses multiple malignant properties of glioma cells. <i>Oncotarget</i> , 2015, 6, 16183-16197.	0.8	42
28387	miR-17 regulates melanoma cell motility by inhibiting the translation of ETV1. <i>Oncotarget</i> , 2015, 6, 19006-19016.	0.8	28
28388	miR-193a-3p is a potential tumor suppressor in malignant pleural mesothelioma. <i>Oncotarget</i> , 2015, 6, 23480-23495.	0.8	76
28389	Genetic determinants of FOXM1 overexpression in epithelial ovarian cancer and functional contribution to cell cycle progression. <i>Oncotarget</i> , 2015, 6, 27613-27627.	0.8	54
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28538	Evaluation of four stock discrimination methods to assign individuals from mixed-stock fisheries using genetically validated baseline samples. <i>Marine Ecology - Progress Series</i> , 2019, 627, 125-139.	0.9	13
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28553	HCN2 Channel-Induced Rescue of Brain Teratogenesis via Local and Long-Range Bioelectric Repair. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 136.	1.8	32
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28556	Skeletal Anomalies in Senegalese Sole ( <i>Solea senegalensis</i> , Kaup) Fed with Different Commercial Enriched Artemia: A Study in Postlarvae and Juveniles. <i>Animals</i> , 2021, 11, 22.	1.0	6
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28560	MicroRNA-1253 Regulation of WASF2 (WAVE2) and its Relevance to Racial Health Disparities. <i>Genes</i> , 2020, 11, 572.	1.0	3
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28592	The combination of orlistat, lonidamine and 6-azido-5-oxo-norleucine induces a quiescent energetic phenotype and limits substrate flexibility in colon cancer cells. <i>Oncology Letters</i> , 2020, 20, 3053-3060.	0.8	8
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28598	The Cerrado (Brazil) plant cytogenetics database. <i>Comparative Cytogenetics</i> , 2017, 11, 285-297.	0.3	5
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28670	Laboratory measurements of stomatal NO&lt;sub&gt;2&lt;/sub&gt; deposition to native California trees and the role of forests in the NO&lt;sub&gt;2&lt;/sub&gt;x&lt;sub&gt;2&lt;/sub&gt; cycle. Atmospheric Chemistry and Physics, 2020, 20, 14023-14041.	1.9	16
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28672	Root uptake under mismatched distributions of water and nutrients in the root zone. Biogeosciences, 2020, 17, 6377-6392.	1.3	10

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28676	New observations of the distribution, morphology and dissolution dynamics of cryogenic gypsum in the Arctic Ocean. <i>Cryosphere</i> , 2020, 14, 1795-1808.	1.5	11
28677	Measurements and modeling of snow albedo at Alerce Glacier, Argentina: effects of volcanic ash, snow grain size, and cloudiness. <i>Cryosphere</i> , 2020, 14, 4581-4601.	1.5	14
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28680	Effect of fuzzy-controlled slow freezing on pumpkin ( <i>Cucurbita Moschata</i> Duch) cell disintegration and phenolics. <i>Potravinarstvo</i> , 0, 14, 277-285.	0.5	2
28681	Documenting the longevity of an animal marker hair dye on small mammals. <i>Journal of the Pennsylvania Academy of Science</i> , 2018, 92, 68-74.	0.1	3
28682	Effect of toxicity in <i>Folsomia candida</i> by the use of fungicide and insecticide in subtropical soil. <i>Brazilian Journal of Environmental Sciences (Online)</i> , 2021, 56, 1-11.	0.1	1
28683	A Comparison of Châtelperronian and Protoaurignacian Core Technology Using Data Derived from 3D Models. <i>Journal of Computer Applications in Archaeology</i> , 2019, 2, 41-55.	0.8	12
28684	Panoramic, Macro and Micro Multispectral Imaging: An Affordable System for Mapping Pigments on Artworks. <i>Journal of Conservation &amp; Museum Studies</i> , 2015, 13, .	0.8	20
28685	MiToBo - A Toolbox for Image Processing and Analysis. <i>Journal of Open Research Software</i> , 2016, 4, 17.	2.7	22
28686	Scikit-spectra: Explorative Spectroscopy in Python. <i>Journal of Open Research Software</i> , 2015, 3, .	2.7	3
28687	Soft, Sweet, and Colorful: Stratified Sampling Reveals Sequence of Events at the Onset of Grape Ripening. <i>American Journal of Enology and Viticulture</i> , 2021, 72, 137-151.	0.9	13
28688	Understory effect on tree and cork growth in cork oak woodlands. <i>Forest Systems</i> , 2018, 27, e02S.	0.1	10
28689	Susceptibility of pentylenetetrazole-induced seizures in mice with <i>Cereblon</i> gene knockout. <i>BMB Reports</i> , 2020, 53, 484-489.	1.1	3
28690	Standard Area Diagram Set for Scab Evaluation in Fruits of sour Passion Fruit. <i>Journal of Agricultural Science</i> , 2019, 11, 298.	0.1	2
28691	Botanical Extracts of the Brazilian Savannah Affect Feeding and Oviposition of <i>Plutella xylostella</i> (Linnaeus, 1758) (Lepidoptera: Plutellidae). <i>Journal of Agricultural Science</i> , 2019, 11, 322.	0.1	10
28692	Standard Area Diagram Set for Bacterial Spot Quantification in Entire-Margined Leaves of Sour Passion Fruit. <i>Journal of Agricultural Science</i> , 2019, 11, 30.	0.1	1
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28695	A New Tyothere Notoungulate (Mammalia: Interatheriidae), from the Miocene Nazareno Formation of Southern Bolivia. <i>Ameghiniana</i> , 2020, 57, 189.	0.3	13
28696	Melatonin Protects Human Adipose-Derived Stem Cells from Oxidative Stress and Cell Death. <i>Archives of Plastic Surgery</i> , 2016, 43, 237-241.	0.4	20
28698	Growth and Biomass in Response to Salinity and Subsequent Fresh Water in Mangrove Seedlings <i>Avicennia marina</i> and <i>Rhizophora stylosa</i> . <i>Jurnal Manajemen Hutan Tropika</i> , 2014, 20, 17-25.	0.1	11
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28701	Laser ablation of Dbx1 neurons in the pre-Bötzing complex stops inspiratory rhythm and impairs output in neonatal mice. <i>ELife</i> , 2014, 3, e03427.	2.8	82
28702	The rosetteless gene controls development in the choanoflagellate <i>S. rosetta</i> . <i>ELife</i> , 2014, 3, .	2.8	83
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28704	COMP-1 promotes competitive advantage of nematode sperm. <i>ELife</i> , 2015, 4, .	2.8	28
28705	The Rab6-regulated KIF1C kinesin motor domain contributes to Golgi organization. <i>ELife</i> , 2015, 4, .	2.8	52
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28709	The <i>Caenorhabditis elegans</i> protein SAS-5 forms large oligomeric assemblies critical for centriole formation. <i>ELife</i> , 2015, 4, e07410.	2.8	37
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28716	Registered report: Diverse somatic mutation patterns and pathway alterations in human cancers. <i>ELife</i> , 2016, 5, .	2.8	4
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28719	Mutational scanning reveals the determinants of protein insertion and association energetics in the plasma membrane. <i>ELife</i> , 2016, 5, .	2.8	66
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28723	Polycomb enables primitive endoderm lineage priming in embryonic stem cells. <i>ELife</i> , 2016, 5, .	2.8	28
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28725	Detection and manipulation of live antigen-expressing cells using conditionally stable nanobodies. <i>ELife</i> , 2016, 5, .	2.8	77
28726	Mechanism of B-box 2 domain-mediated higher-order assembly of the retroviral restriction factor TRIM5 $\beta$ . <i>ELife</i> , 2016, 5, .	2.8	81
28727	The molecular basis for ANE syndrome revealed by the large ribosomal subunit processome interactome. <i>ELife</i> , 2016, 5, .	2.8	11
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28729	Synaptic transmission parallels neuromodulation in a central food-intake circuit. <i>ELife</i> , 2016, 5, .	2.8	111
28730	A functional genomics screen in planarians reveals regulators of whole-brain regeneration. <i>ELife</i> , 2016, 5, .	2.8	57

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28731	Odd-paired controls frequency doubling in <i>Drosophila</i> segmentation by altering the pair-rule gene regulatory network. <i>ELife</i> , 2016, 5, .	2.8	62
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28733	Human Nup98 regulates the localization and activity of DExH/D-box helicase DHX9. <i>ELife</i> , 2017, 6, .	2.8	33
28734	Pan-neuronal screening in <i>Caenorhabditis elegans</i> reveals asymmetric dynamics of AWC neurons is critical for thermal avoidance behavior. <i>ELife</i> , 2016, 5, .	2.8	35
28735	TIR1/AFB-Aux/IAA auxin perception mediates rapid cell wall acidification and growth of <i>Arabidopsis</i> hypocotyls. <i>ELife</i> , 2016, 5, .	2.8	156
28736	Cellular encoding of Cy dyes for single-molecule imaging. <i>ELife</i> , 2016, 5, .	2.8	23
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28738	Axon tension regulates fasciculation/defasciculation through the control of axon shaft zippering. <i>ELife</i> , 2017, 6, .	2.8	34
28739	Disordered clusters of Bak dimers rupture mitochondria during apoptosis. <i>ELife</i> , 2017, 6, .	2.8	60
28740	Sparse activity of identified dentate granule cells during spatial exploration. <i>ELife</i> , 2016, 5, .	2.8	135
28741	Centriolar SAS-7 acts upstream of SPD-2 to regulate centriole assembly and pericentriolar material formation. <i>ELife</i> , 2017, 6, .	2.8	50
28742	Functional evolution of a morphogenetic gradient. <i>ELife</i> , 2016, 5, .	2.8	18
28743	Replication Study: Melanoma genome sequencing reveals frequent PREX2 mutations. <i>ELife</i> , 2017, 6, .	2.8	27
28744	Spinal microcircuits comprising dl3 interneurons are necessary for motor functional recovery following spinal cord transection. <i>ELife</i> , 2016, 5, .	2.8	42
28745	Frequent exchange of the DNA polymerase during bacterial chromosome replication. <i>ELife</i> , 2017, 6, .	2.8	101
28746	Epidermal Growth Factor Receptor neddylation is regulated by a desmosomal-COP9 (Constitutive) Tj ETQq1 1 0.784314 rgBT /Overlook	2.8	13
28747	Chlamydia interfere with an interaction between the mannose-6-phosphate receptor and sorting nexins to counteract host restriction. <i>ELife</i> , 2017, 6, .	2.8	61
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28749	Fluorescence Lifetime Imaging Microscopy reveals rerouting of SNARE trafficking driving dendritic cell activation. <i>ELife</i> , 2017, 6, .	2.8	21
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28751	Pharmacological evidence for a metabotropic glutamate receptor heterodimer in neuronal cells. <i>ELife</i> , 2017, 6, .	2.8	63
28752	Dye-enhanced visualization of rat whiskers for behavioral studies. <i>ELife</i> , 2017, 6, .	2.8	8
28753	MicroCT-based phenomics in the zebrafish skeleton reveals virtues of deep phenotyping in a distributed organ system. <i>ELife</i> , 2017, 6, .	2.8	60
28754	Mobilization of LINE-1 retrotransposons is restricted by Tex19.1 in mouse embryonic stem cells. <i>ELife</i> , 2017, 6, .	2.8	43
28755	A unifying mechanism for the biogenesis of membrane proteins co-operatively integrated by the Sec and Tat pathways. <i>ELife</i> , 2017, 6, .	2.8	11
28756	Ionotropic Receptor-dependent moist and dry cells control hygrosensation in <i>Drosophila</i> . <i>ELife</i> , 2017, 6, .	2.8	161
28757	Cell cycle entry triggers a switch between two modes of Cdc42 activation during yeast polarization. <i>ELife</i> , 2017, 6, .	2.8	59
28758	Transcription of a 5â€™ extended mRNA isoform directs dynamic chromatin changes and interference of a downstream promoter. <i>ELife</i> , 2017, 6, .	2.8	68
28759	An evolutionarily young defense metabolite influences the root growth of plants via the ancient TOR signaling pathway. <i>ELife</i> , 2017, 6, .	2.8	84
28760	Neuromodulatory connectivity defines the structure of a behavioral neural network. <i>ELife</i> , 2017, 6, .	2.8	28
28761	FoxP2 isoforms delineate spatiotemporal transcriptional networks for vocal learning in the zebra finch. <i>ELife</i> , 2018, 7, .	2.8	19
28762	Evolutionary transitions between beneficial and phytopathogenic <i>Rhodococcus</i> challenge disease management. <i>ELife</i> , 2017, 6, .	2.8	81
28763	Combinatorial programming of human neuronal progenitors using magnetically-guided stoichiometric mRNA delivery. <i>ELife</i> , 2018, 7, .	2.8	6
28764	A quantitative approach for analyzing the spatio-temporal distribution of 3D intracellular events in fluorescence microscopy. <i>ELife</i> , 2018, 7, .	2.8	16
28765	Embryonic and postnatal neurogenesis produce functionally distinct subclasses of dopaminergic neuron. <i>ELife</i> , 2018, 7, .	2.8	38
28766	Septal secretion of protein A in <i>Staphylococcus aureus</i> requires SecA and lipoteichoic acid synthesis. <i>ELife</i> , 2018, 7, .	2.8	22

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28767	Striking circadian neuron diversity and cycling of <i>Drosophila</i> alternative splicing. <i>ELife</i> , 2018, 7, .	2.8	24
28768	Cell-intrinsic and -extrinsic mechanisms promote cell-type-specific cytokinetic diversity. <i>ELife</i> , 2018, 7, .	2.8	27
28769	NSF-mediated disassembly of on- and off-pathway SNARE complexes and inhibition by complexin. <i>ELife</i> , 2018, 7, .	2.8	34
28770	A complex peripheral code for salt taste in <i>Drosophila</i> . <i>ELife</i> , 2018, 7, .	2.8	102
28771	E proteins sharpen neurogenesis by modulating proneural bHLH transcription factors' activity in an E-box-dependent manner. <i>ELife</i> , 2018, 7, .	2.8	25
28772	Parvovirus minute virus of mice interacts with sites of cellular DNA damage to establish and amplify its lytic infection. <i>ELife</i> , 2018, 7, .	2.8	31
28773	Crystal structure of the full Swi2/Snf2 remodeler Mot1 in the resting state. <i>ELife</i> , 2018, 7, .	2.8	4
28774	Fizzy-Related dictates A cell cycle switch during organ repair and tissue growth responses in the <i>Drosophila</i> hindgut. <i>ELife</i> , 2018, 7, .	2.8	53
28775	Structural relationship between the putative hair cell mechanotransduction channel TMC1 and TMEM16 proteins. <i>ELife</i> , 2018, 7, .	2.8	84
28776	Spatial patterning of liver progenitor cell differentiation mediated by cellular contractility and Notch signaling. <i>ELife</i> , 2018, 7, .	2.8	36
28777	The cargo receptor SURF4 promotes the efficient cellular secretion of PCSK9. <i>ELife</i> , 2018, 7, .	2.8	72
28778	Unified mechanisms for self-RNA recognition by RIG-I Singleton-Merten syndrome variants. <i>ELife</i> , 2018, 7, .	2.8	26
28779	Specific structural elements of the T-box riboswitch drive the two-step binding of the tRNA ligand. <i>ELife</i> , 2018, 7, .	2.8	24
28780	Replication study: Melanoma exosomes educate bone marrow progenitor cells toward a pro-metastatic phenotype through MET. <i>ELife</i> , 2018, 7, .	2.8	22
28781	RNA-binding proteins distinguish between similar sequence motifs to promote targeted deadenylation by Ccr4-Not. <i>ELife</i> , 2019, 8, .	2.8	65
28782	High-throughput synapse-resolving two-photon fluorescence microendoscopy for deep-brain volumetric imaging in vivo. <i>ELife</i> , 2019, 8, .	2.8	75
28783	Genome-wide Estrogen Receptor-1 activation is sustained, not cyclical. <i>ELife</i> , 2018, 7, .	2.8	12
28784	Live-cell imaging reveals enhancer-dependent Sox2 transcription in the absence of enhancer proximity. <i>ELife</i> , 2019, 8, .	2.8	220

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28785	SUMO peptidase ULP-4 regulates mitochondrial UPR-mediated innate immunity and lifespan extension. <i>ELife</i> , 2019, 8, .	2.8	38
28786	Microglial SIRP $\beta$ regulates the emergence of CD11c <sup>+</sup> microglia and demyelination damage in white matter. <i>ELife</i> , 2019, 8, .	2.8	39
28787	Brain-wide cellular resolution imaging of Cre transgenic zebrafish lines for functional circuit-mapping. <i>ELife</i> , 2019, 8, .	2.8	57
28788	Stereotyped terminal axon branching of leg motor neurons mediated by IgSF proteins DIP $\beta$ and Dpr10. <i>ELife</i> , 2019, 8, .	2.8	42
28789	Two distinct mechanisms target the autophagy-related E3 complex to the pre-autophagosomal structure. <i>ELife</i> , 2019, 8, .	2.8	51
28790	Cell-based HTS identifies a chemical chaperone for preventing ER protein aggregation and proteotoxicity. <i>ELife</i> , 2019, 8, .	2.8	22
28791	Dynamic repression by BCL6 controls the genome-wide liver response to fasting and steatosis. <i>ELife</i> , 2019, 8, .	2.8	44
28792	tRNA ligase structure reveals kinetic competition between non-conventional mRNA splicing and mRNA decay. <i>ELife</i> , 2019, 8, .	2.8	24
28793	The Cas4-Cas1-Cas2 complex mediates precise prespacer processing during CRISPR adaptation. <i>ELife</i> , 2019, 8, .	2.8	56
28794	Decoys provide a scalable platform for the identification of plant E3 ubiquitin ligases that regulate circadian function. <i>ELife</i> , 2019, 8, .	2.8	25
28795	The long non-coding RNA Cerox1 is a post transcriptional regulator of mitochondrial complex I catalytic activity. <i>ELife</i> , 2019, 8, .	2.8	42
28796	Replication Study: Biomechanical remodeling of the microenvironment by stromal caveolin-1 favors tumor invasion and metastasis. <i>ELife</i> , 2019, 8, .	2.8	16
28797	Multi-enhancer transcriptional hubs confer phenotypic robustness. <i>ELife</i> , 2019, 8, .	2.8	65
28798	Extraocular, rod-like photoreceptors in a flatworm express xenopsin photopigment. <i>ELife</i> , 2019, 8, .	2.8	27
28799	Tumor suppressor SMARCB1 suppresses super-enhancers to govern hESC lineage determination. <i>ELife</i> , 2019, 8, .	2.8	30
28800	Molecular organization and dynamics of the fusion protein Gc at the hantavirus surface. <i>ELife</i> , 2019, 8, .	2.8	35
28801	Mouse TRPA1 function and membrane localization are modulated by direct interactions with cholesterol. <i>ELife</i> , 2019, 8, .	2.8	47
28802	Structural and functional insights into the bona fide catalytic state of <i>Streptococcus pyogenes</i> Cas9 HNH nuclease domain. <i>ELife</i> , 2019, 8, .	2.8	25

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28803	Bed nucleus of the stria terminalis regulates fear to unpredictable threat signals. <i>ELife</i> , 2019, 8, .	2.8	78
28804	Structure-based inhibitors of amyloid beta core suggest a common interface with tau. <i>ELife</i> , 2019, 8, .	2.8	81
28805	A new family of cell surface located purine transporters in Microsporidia and related fungal endoparasites. <i>ELife</i> , 2019, 8, .	2.8	24
28806	Pregnancy-associated plasma protein-aa supports hair cell survival by regulating mitochondrial function. <i>ELife</i> , 2019, 8, .	2.8	21
28807	Cooperation between tropomyosin and $\hat{I}\pm$ -actinin inhibits fimbrin association with actin filament networks in fission yeast. <i>ELife</i> , 2019, 8, .	2.8	23
28808	Evolutionarily conserved long-chain Acyl-CoA synthetases regulate membrane composition and fluidity. <i>ELife</i> , 2019, 8, .	2.8	22
28809	A microfluidic device for inferring metabolic landscapes in yeast monolayer colonies. <i>ELife</i> , 2019, 8, .	2.8	25
28810	Self-organization of modular network architecture by activity-dependent neuronal migration and outgrowth. <i>ELife</i> , 2019, 8, .	2.8	18
28811	Tyr1 phosphorylation promotes phosphorylation of Ser2 on the C-terminal domain of eukaryotic RNA polymerase II by P-TEFb. <i>ELife</i> , 2019, 8, .	2.8	24
28812	Formin-2 drives polymerisation of actin filaments enabling segregation of apicoplasts and cytokinesis in <i>Plasmodium falciparum</i> . <i>ELife</i> , 2019, 8, .	2.8	35
28813	Adaptive thermal plasticity enhances sperm and egg performance in a model insect. <i>ELife</i> , 2019, 8, .	2.8	26
28814	Persistent <i>Mycobacterium tuberculosis</i> infection in mice requires PerM for successful cell division. <i>ELife</i> , 2019, 8, .	2.8	15
28815	The Mars1 kinase confers photoprotection through signaling in the chloroplast unfolded protein response. <i>ELife</i> , 2019, 8, .	2.8	42
28816	A unicellular relative of animals generates a layer of polarized cells by actomyosin-dependent cellularization. <i>ELife</i> , 2019, 8, .	2.8	41
28817	Sperm chemotaxis is driven by the slope of the chemoattractant concentration field. <i>ELife</i> , 2020, 9, .	2.8	10
28818	The transpeptidase PBP2 governs initial localization and activity of the major cell-wall synthesis machinery in <i>E. coli</i> . <i>ELife</i> , 2020, 9, .	2.8	28
28819	Replication Study: A coding-independent function of gene and pseudogene mRNAs regulates tumour biology. <i>ELife</i> , 2020, 9, .	2.8	7
28820	Coordination of tissue cell polarity by auxin transport and signaling. <i>ELife</i> , 2019, 8, .	2.8	59

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28821	RNA polymerase mutations cause cephalosporin resistance in clinical <i>Neisseria gonorrhoeae</i> isolates. <i>ELife</i> , 2020, 9, .	2.8	31
28822	<i>Mycobacterium tuberculosis</i> exploits host ATM kinase for survival advantage through SecA2 secretome. <i>ELife</i> , 2020, 9, .	2.8	10
28823	Purkinje cell misfiring generates high-amplitude action tremors that are corrected by cerebellar deep brain stimulation. <i>ELife</i> , 2020, 9, .	2.8	57
28824	Bacterial cell cycle control by citrate synthase independent of enzymatic activity. <i>ELife</i> , 2020, 9, .	2.8	11
28825	Single-molecule turnover dynamics of actin and membrane coat proteins in clathrin-mediated endocytosis. <i>ELife</i> , 2019, 8, .	2.8	21
28826	Lamina-specific AMPA receptor dynamics following visual deprivation in vivo. <i>ELife</i> , 2020, 9, .	2.8	19
28827	Cell-type diversity and regionalized gene expression in the planarian intestine. <i>ELife</i> , 2020, 9, .	2.8	35
28828	EphA7 promotes myogenic differentiation via cell-cell contact. <i>ELife</i> , 2020, 9, .	2.8	14
28829	OTX2 represses sister cell fate choices in the developing retina to promote photoreceptor specification. <i>ELife</i> , 2020, 9, .	2.8	35
28830	Guanidine hydrochloride reactivates an ancient septin hetero-oligomer assembly pathway in budding yeast. <i>ELife</i> , 2020, 9, .	2.8	15
28831	Neuropeptide VF neurons promote sleep via the serotonergic raphe. <i>ELife</i> , 2020, 9, .	2.8	10
28832	Genetic analysis of the Arabidopsis TIR1/AFB auxin receptors reveals both overlapping and specialized functions. <i>ELife</i> , 2020, 9, .	2.8	115
28833	Cell-specific exon methylation and CTCF binding in neurons regulate calcium ion channel splicing and function. <i>ELife</i> , 2020, 9, .	2.8	25
28834	Group III metabotropic glutamate receptors gate long-term potentiation and synaptic tagging/capture in rat hippocampal area CA2. <i>ELife</i> , 2020, 9, .	2.8	24
28835	CNGA3 acts as a cold sensor in hypothalamic neurons. <i>ELife</i> , 2020, 9, .	2.8	13
28836	Revealing the structure of information flows discriminates similar animal social behaviors. <i>ELife</i> , 2020, 9, .	2.8	11
28837	Mechanisms of nucleotide selection by telomerase. <i>ELife</i> , 2020, 9, .	2.8	15
28838	An image-based data-driven analysis of cellular architecture in a developing tissue. <i>ELife</i> , 2020, 9, .	2.8	24



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28839	The palmitoyl acyltransferase ZDHHC14 controls Kv1-family potassium channel clustering at the axon initial segment. <i>ELife</i> , 2020, 9, .	2.8	22
28840	Changes in ferrous iron and glutathione promote ferroptosis and frailty in aging <i>Caenorhabditis elegans</i> . <i>ELife</i> , 2020, 9, .	2.8	68
28841	Replication Study: Coding-independent regulation of the tumor suppressor PTEN by competing endogenous mRNAs. <i>ELife</i> , 2020, 9, .	2.8	5
28842	A microscopy-based kinetic analysis of yeast vacuolar protein sorting. <i>ELife</i> , 2020, 9, .	2.8	31
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29010	A Comparison of Hyper-Reflective Retinal Spot Counts in Optical Coherence Tomography Images from Glaucomatous and Healthy Eyes. <i>Journal of Clinical Medicine</i> , 2021, 10, 4668.	1.0	1
29011	Polychromatic polarization: Boosting the capabilities of the good old petrographic microscope. <i>Geology</i> , 0, , .	2.0	1
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29013	<i>Bacteroides</i> spp. promotes branched-chain amino acid catabolism in brown fat and inhibits obesity. <i>IScience</i> , 2021, 24, 103342.	1.9	58
29014	IRF2BP2 3'UTR Polymorphism Increases Coronary Artery Calcification in Men. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 687645.	1.1	3
29015	<i>Psilocybe cubensis</i> (Agaricales, Basidiomycota) en Ecuador. <i>Lilloa</i> , 0, , 86-94.	0.1	0
29016	On-Chip Optical Anodic Stripping with Closed Bipolar Cells and Cathodic Electrochemiluminescence Reporting. <i>ACS Sensors</i> , 2021, 6, 4136-4144.	4.0	4
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29021	Morphometric and Microstructural Changes During Murine Retinal Development Characterized Using In Vivo Optical Coherence Tomography. , 2021, 62, 20.		3
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29023	Effect of Polymeric Additives on Ignition, Combustion and Flame Characteristics and Soot Deposits of Crude Oil Droplets. <i>Combustion Science and Technology</i> , 0, , 1-29.	1.2	2
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29026	A SERS-Active Electrospun Polymer Mesh for Spatially Localized pH Measurements of the Cellular Microenvironment. <i>Analytical Chemistry</i> , 2021, 93, 13844-13851.	3.2	8
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29033	Automated Fiber Diameter and Porosity Measurements of Plasma Clots in Scanning Electron Microscopy Images. <i>Biomolecules</i> , 2021, 11, 1536.	1.8	9
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29035	Optimizing the Packing Density and Chemistry of Cellulose Nanofilters for High-Efficiency Particulate Removal. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 15720-15729.	1.8	8
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29039	Quantitative effect of subretinal fluid and intraretinal edema on visual acuity in uveitic cystoid macular edema. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2021, 11, 38.	1.2	3
29040	Characterization of an Aerosol-Based Photobioreactor for Cultivation of Phototrophic Biofilms. <i>Life</i> , 2021, 11, 1046.	1.1	7
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29043	Epigenetic Regulation of CDH1 Is Altered after HOXB7-Silencing in MDA-MB-468 Triple-Negative Breast Cancer Cells. <i>Genes</i> , 2021, 12, 1575.	1.0	6
29044	Effect of equalization filters on measurements with kerma-area product meter in a cardiovascular angiography system. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 177-185.	0.8	3
29045	Activity density at a continental scale: What drives invertebrate biomass moving across the soil surface?. <i>Ecology</i> , 2021, , e03542.	1.5	6
29046	Assay system for mesocotyl elongation and hydrotropism of maize primary root in response to low moisture gradient. <i>BioTechniques</i> , 2021, 71, 516-527.	0.8	1
29047	Radiological correlates of vocal fold bowing as markers of Parkinson's disease progression: A cross-sectional study utilizing dynamic laryngeal CT. <i>PLoS ONE</i> , 2021, 16, e0258786.	1.1	3

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29049	Investigation of fiducial marker recognition possibility by water equivalent length in real-time tracking radiotherapy. <i>Japanese Journal of Radiology</i> , 2022, 40, 318-325.	1.0	4
29050	A novel high entropy spinel-type aluminate $\text{MAl}_2\text{O}_4$ ( $\text{M}=\text{Zn, Mg, Cu, Co}$ ) and its lithiated oxyfluoride and oxychloride derivatives prepared by one-step mechanosynthesis. <i>Zeitschrift Fur Physikalische Chemie</i> , 2022, 236, 713-726.	1.4	6
29051	Volume rendered 3D OCTA assessment of macular ischemia in patients with type 1 diabetes and without diabetic retinopathy. <i>Scientific Reports</i> , 2021, 11, 19793.	1.6	7
29053	Microscope in Action: An Interdisciplinary Fluorescence Microscopy Hands-on Resource for Schools. <i>The Biophysicist</i> , 2021, , .	0.1	2
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29058	A mouse-specific retrotransposon drives a conserved <i>Cdk2ap1</i> isoform essential for development. <i>Cell</i> , 2021, 184, 5541-5558.e22.	13.5	52
29059	Separating Paternal and Maternal Contributions to Thermal Transgenerational Plasticity. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	11
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29061	FlocARAZI: An In-situ, Image-Based Profiling Instrument for Sizing Solid and Flocculated Suspended Sediment. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2021JF006210.	1.0	9
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29064	p38-mediated cell growth and survival drive rapid embryonic wound repair. <i>Cell Reports</i> , 2021, 37, 109874.	2.9	13
29065	Novel evidence for m6A methylation regulators as prognostic biomarkers and FTO as a potential therapeutic target in gastric cancer. <i>British Journal of Cancer</i> , 2022, 126, 228-237.	2.9	25
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29067	Field-Based Feeding Performance and Kinematics of Bull Sharks, <i>Carcharhinus leucas</i> ( <i>Carcharhiniformes: Carcharhinidae</i> ). <i>Ichthyology and Herpetology</i> , 2021, 109, .	0.3	4
29068	Molecular Characterization and Taxonomic Assignment of Three Phage Isolates from a Collection Infecting <i>Pseudomonas</i> ssp. <i>actinidiae</i> and <i>P. ssp. phaseolicola</i> from Northern Italy. <i>Viruses</i> , 2021, 13, 2083.	1.5	12

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29071	Evaluating the correlation between area, environmental heterogeneity, and species richness using terrestrial isopods (Oniscidea) from the Pontine Islands (West Mediterranean). <i>Organisms Diversity and Evolution</i> , 0, , 1.	0.7	1
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29076	Magneto-ionic suppression of magnetic vortices. <i>Science and Technology of Advanced Materials</i> , 2021, 22, 972-984.	2.8	3
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29085	Species-Specific Inhibition of Necroptosis by HCMV UL36. <i>Viruses</i> , 2021, 13, 2134.	1.5	8
29087	Synbiotic microcapsules using agavins and inulin as wall materials for <i>Lactobacillus casei</i> and <i>Bifidobacterium breve</i> : Viability, physicochemical properties, and resistance to in vitro oro $\rightarrow$ gastrointestinal transit. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e16106.	0.9	2

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29092	Unravelling the collateral damage of antibiotics on gut bacteria. <i>Nature</i> , 2021, 599, 120-124.	13.7	159
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29094	Direct observation of crystal nucleation and growth in a quasi-two-dimensional nonvibrating granular system. <i>Physical Review E</i> , 2021, 104, 044904.	0.8	4
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29102	X-ray Microspectroscopy and Ptychography on Nanoscale Structures in Rock Varnish. <i>Journal of Physical Chemistry C</i> , 2021, 125, 22684-22697.	1.5	1
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29109	Systematic Revision and Palaeobiology of <i>Emplastron edwardsi</i> (Van Straelen, 1928) gen. et comb. nov. (Crustacea, Decapoda, Astacidae) Entombed within Travertine, from SÃ©zanne, France. <i>Paleontological Research</i> , 2021, 25, .	0.5	1
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29112	Root pressureâ€™ volume curve traits capture rootstock drought tolerance. <i>Annals of Botany</i> , 2022, 129, 389-402.	1.4	13
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29121	Interactome analysis illustrates diverse gene regulatory processes associated with LIN28A in human iPSC cell-derived neural progenitor cells. <i>IScience</i> , 2021, 24, 103321.	1.9	2
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29130	Rapid Detection and Quantification of Plant Innate Immunity Response Using Raman Spectroscopy. <i>Frontiers in Plant Science</i> , 2021, 12, 746586.	1.7	4
29131	Assessment on the oil accumulation by knockdown of triacylglycerol lipase in the oleaginous diatom <i>Fistulifera solaris</i> . <i>Scientific Reports</i> , 2021, 11, 20905.	1.6	3
29132	Quantitative and Semi-quantitative Methods for Assessing the Degree of Methylene Blue Staining in Sentinel Lymph Nodes in Dogs. <i>Frontiers in Veterinary Science</i> , 2021, 8, 758295.	0.9	3
29133	Fisetin, a major component derived from mulberry ( <i>Morus australis</i> Poir.) leaves, prevents vascular abnormal contraction. <i>BioFactors</i> , 2021, , .	2.6	7
29134	Herbicide-Induced Shifts in the Periphyton Community Composition Indirectly Affect Feeding Activity and Physiology of the Gastropod Grazer <i>Physella acuta</i> . <i>Environmental Science &amp; Technology</i> , 2021, 55, 14699-14709.	4.6	6
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29138	Photocharging of Colloidal CdS Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2021, 125, 22650-22659.	1.5	13
29139	Structural Investigations in Electrochromic Vanadium Pentoxide Thin Films. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2022, 219, 2100431.	0.8	7
29140	A starting guide to root ecology: strengthening ecological concepts and standardising root classification, sampling, processing and trait measurements. <i>New Phytologist</i> , 2021, 232, 973-1122.	3.5	216
29141	Coral reef carnivorous fish biomass relates to oceanographic features depending on habitat and prey preference. <i>Marine Environmental Research</i> , 2021, 172, 105504.	1.1	8
29142	Mitochondrial Telomerase Reverse Transcriptase Protects From Myocardial Ischemia/Reperfusion Injury by Improving Complex I Composition and Function. <i>Circulation</i> , 2021, 144, 1876-1890.	1.6	46
29143	OMA1 High-Throughput Screen Reveals Protease Activation by Kinase Inhibitors. <i>ACS Chemical Biology</i> , 2021, 16, 2202-2211.	1.6	4
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29149	High resistance to <i>Toxoplasma gondii</i> infection in inducible nitric oxide synthase knockout rats. <i>IScience</i> , 2021, 24, 103280.	1.9	10



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29153	Control of Arabidopsis shoot stem cell homeostasis by two antagonistic CLE peptide signalling pathways. <i>ELife</i> , 2021, 10, .	2.8	48
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29156	RAG2 abolishes RAG1 aggregation to facilitate V(D)J recombination. <i>Cell Reports</i> , 2021, 37, 109824.	2.9	14
29157	Mucoadhesive film containing $\hat{\pm}$ -mangostin shows potential role in oral cancer treatment. <i>BMC Oral Health</i> , 2021, 21, 512.	0.8	4
29158	Dermoscopy Images Enhancement via Multi-Scale Morphological Operations. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9302.	1.3	2
29160	Effects of sea urchin and herbivorous gastropod removal, coupled with transplantation, on seaweed forest restoration. <i>Botanica Marina</i> , 2021, 64, 427-438.	0.6	7
29161	Lineage-Selective Disturbance of Early Human Hematopoietic Progenitor Cell Differentiation by the Commonly Used Plasticizer Di-2-ethylhexyl Phthalate via Reactive Oxygen Species: Fatty Acid Oxidation Makes the Difference. <i>Cells</i> , 2021, 10, 2703.	1.8	1
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31478	Very short mountings are enough for sperm transfer in <i>Littorina saxatilis</i> . <i>Journal of Molluscan Studies</i> , 2022, 88, .	0.4	1
31480	Disruption of the IL-33-ST2-AKT signaling axis impairs neurodevelopment by inhibiting microglial metabolic adaptation and phagocytic function. <i>Immunity</i> , 2022, 55, 159-173.e9.	6.6	52
31481	Consolidation and high-temperature strength of monolithic lanthanum hexaboride. <i>Journal of the American Ceramic Society</i> , 0, , .	1.9	1
31482	Membrane Cholesterol Enrichment of Red Blood Cell-Derived Microparticles Results in Prolonged Circulation. <i>ACS Applied Bio Materials</i> , 2022, 5, 650-660.	2.3	9
31483	Insights from microstructure and mechanical property comparisons of three pilgered ferritic ODS tubes. <i>Materials and Design</i> , 2022, 213, 110333.	3.3	6
31484	High temperature (900°C) sliding wear of CrNiAlCY coatings deposited by high velocity oxy fuel thermal spray. <i>Surface and Coatings Technology</i> , 2022, 432, 128063.	2.2	15
31485	Ricochets on asteroids II: Sensitivity of laboratory experiments of low velocity grazing impacts on substrate grain size. <i>Icarus</i> , 2022, 376, 114868.	1.1	4
31486	Skin Injury Activates a Rapid TRPV1-Dependent Antiviral Protein Response. <i>Journal of Investigative Dermatology</i> , 2022, 142, 2249-2259.e9.	0.3	8
31487	Genetic basis and dual adaptive role of floral pigmentation in sunflowers. <i>ELife</i> , 2022, 11, .	2.8	24
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31490	Natural cardiac regeneration conserves native biaxial left ventricular biomechanics after myocardial infarction in neonatal rats. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 126, 105074.	1.5	2
31491	Co-flow injection for serial crystallography at X-ray free-electron lasers. <i>Journal of Applied Crystallography</i> , 2022, 55, 1-13.	1.9	12
31492	TDP1 and TOP1 as targets in anticancer treatment of NSCLC: Activity and protein level in normal and tumor tissue from 150 NSCLC patients correlated to clinical data. <i>Lung Cancer</i> , 2022, 164, 23-32.	0.9	2
31493	Further analyses of the structural organization of <i>Homo luzonensis</i> teeth: Evolutionary implications. <i>Journal of Human Evolution</i> , 2022, 163, 103124.	1.3	10
31494	Polystyrene microbeads influence lipid storage distribution in <i>C. elegans</i> as revealed by coherent anti-Stokes Raman scattering (CARS) microscopy. <i>Environmental Pollution</i> , 2022, 294, 118662.	3.7	11
31495	TSH stimulation of human thyroglobulin and thyroid peroxidase gene transcription is partially dependent on internalization. <i>Cellular Signalling</i> , 2022, 90, 110212.	1.7	1

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31497	Powder bed selective laser process (sintering/melting) applied to tailored calcium phosphate-based powders. <i>Additive Manufacturing</i> , 2022, 50, 102542.	1.7	8
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31503	Construction of a highly selective and sensitive carbohydrate-detecting biosensor utilizing Computational Identification of Non-disruptive Conjugation sites (CINC) for flexible and streamlined biosensor design. <i>Biosensors and Bioelectronics</i> , 2022, 200, 113899.	5.3	2
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31507	The effects of Acyclovir administration to NCI-H1975 non-small cell lung cancer cells. <i>Toxicology in Vitro</i> , 2022, 79, 105301.	1.1	5
31508	Root traits of crop species contributing to soil shear strength. <i>Geoderma</i> , 2022, 409, 115642.	2.3	4
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31523	TBBPA and its alternative TCBPA induced ROS-dependent mitochondria-mediated apoptosis in the liver of <i>Rana nigromaculata</i> . <i>Environmental Pollution</i> , 2022, 297, 118791.	3.7	25
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31564	Analysis of Biological Data by Graph Theory Approach Searching of Iron in Biological Cells. Indian Statistical Institute Series, 2021, , 259-277.	0.1	1
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31578	Biometry supporting species identification from underwater images in two Mediterranean Sea urchins. , 2021, , .		1
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32507	Evaluation of the Performance of a ZnO-Nanoparticle-Coated Hydrocolloid Patch in Wound Healing. <i>Polymers</i> , 2022, 14, 919.	2.0	17
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37521	<sc>ER</sc> exit sites ( <sc>ERES</sc> ) and <sc>ER</sc> â€“mitochondria encounter structures ( ) Tj ETQq0 0 0 rgBT /Overlock	1.3	0
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37636	Fat body phospholipid state dictates hunger-driven feeding behavior. <i>ELife</i> , 0, 11, .	2.8	7
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38451	Multilayer gold nanoparticles as non-viral vectors for targeting MCF-7 cancer cells. , 2023, 144, 213201.		5
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38458	An electromagnetically actuated ball and socket joint for applications in 3-D metrology. <i>Journal of Micromechanics and Microengineering</i> , 0, , .	1.5	0
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