

Ting

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1155889/publications.pdf>

Version: 2024-02-01

113
papers

4,530
citations

117625

34
h-index

118850

62
g-index

115
all docs

115
docs citations

115
times ranked

8876
citing authors

#	ARTICLE	IF	CITATIONS
1	The 3D Genome Browser: a web-based browser for visualizing 3D genome organization and long-range chromatin interactions. <i>Genome Biology</i> , 2018, 19, 151.	8.8	393
2	Anti-quenching NIR-II molecular fluorophores for in vivo high-contrast imaging and pH sensing. <i>Nature Communications</i> , 2019, 10, 1058.	12.8	362
3	Enhancing Both Biodegradability and Efficacy of Semiconducting Polymer Nanoparticles for Photoacoustic Imaging and Photothermal Therapy. <i>ACS Nano</i> , 2018, 12, 1801-1810.	14.6	299
4	Transposable elements drive widespread expression of oncogenes in human cancers. <i>Nature Genetics</i> , 2019, 51, 611-617.	21.4	253
5	Selection of HBsAg-Specific DNA Aptamers Based on Carboxylated Magnetic Nanoparticles and Their Application in the Rapid and Simple Detection of Hepatitis B Virus Infection. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11215-11223.	8.0	153
6	Dectin-1 Contributes to Myocardial Ischemia/Reperfusion Injury by Regulating Macrophage Polarization and Neutrophil Infiltration. <i>Circulation</i> , 2019, 139, 663-678.	1.6	150
7	DNA methylation in nasal epithelium, atopy, and atopic asthma in children: a genome-wide study. <i>Lancet Respiratory Medicine</i> , 2019, 7, 336-346.	10.7	147
8	Divergence and plasticity shape adaptive potential of the Pacific oyster. <i>Nature Ecology and Evolution</i> , 2018, 2, 1751-1760.	7.8	113
9	Sulfur dots-graphene nanohybrid: a metal-free electrocatalyst for efficient N ₂ -to-NH ₃ fixation under ambient conditions. <i>Chemical Communications</i> , 2019, 55, 3152-3155.	4.1	106
10	Maternal high-fat diet associated with altered gene expression, DNA methylation, and obesity risk in mouse offspring. <i>PLoS ONE</i> , 2018, 13, e0192606.	2.5	95
11	Mechano-Based Transductive Sensing for Wearable Healthcare. <i>Small</i> , 2018, 14, e1702933.	10.0	91
12	Fabrication and Characterization of Heparin-Grafted Poly-l-lactic acid-Chitosan Core-Shell Nanofibers Scaffold for Vascular Gasket. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 3757-3763.	8.0	89
13	Complete long-term corrosion protection with chemical vapor deposited graphene. <i>Carbon</i> , 2018, 132, 78-84.	10.3	89
14	The NIEHS TaRGET II Consortium and environmental epigenomics. <i>Nature Biotechnology</i> , 2018, 36, 225-227.	17.5	79
15	Genetic Regulatory Mechanisms of Smooth Muscle Cells Map to Coronary Artery Disease Risk Loci. <i>American Journal of Human Genetics</i> , 2018, 103, 377-388.	6.2	76
16	Long-Term In Vitro Expansion of Epithelial Stem Cells Enabled by Pharmacological Inhibition of PAK1-ROCK-Myosin II and TGF- β 2 Signaling. <i>Cell Reports</i> , 2018, 25, 598-610.e5.	6.4	70
17	Heavy-duty diesel vehicles dominate vehicle emissions in a tunnel study in northern China. <i>Science of the Total Environment</i> , 2018, 637-638, 431-442.	8.0	66
18	Complete substitution of a secondary cell wall with a primary cell wall in Arabidopsis. <i>Nature Plants</i> , 2018, 4, 777-783.	9.3	63

#	ARTICLE	IF	CITATIONS
19	Catalytic transfer hydrogenation of biomass-derived 5-hydroxymethylfurfural into 2,5-bis(hydroxymethyl)furan over tunable Zr-based bimetallic catalysts. <i>Catalysis Science and Technology</i> , 2018, 8, 4474-4484.	4.1	58
20	Protective effect of <i>Lactobacillus reuteri</i> DSM 17938 against experimental necrotizing enterocolitis is mediated by Toll-like receptor 2. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G231-G240.	3.4	55
21	Transcriptional factor six2 promotes the competitive endogenous RNA network between CYP4Z1 and pseudogene CYP4Z2P responsible for maintaining the stemness of breast cancer cells. <i>Journal of Hematology and Oncology</i> , 2019, 12, 23.	17.0	53
22	MicroRNA-mediated regulation of T helper type 17/regulatory T cell balance in autoimmune disease. <i>Immunology</i> , 2018, 155, 427-434.	4.4	52
23	From inflammatory reactions to neurotransmitter changes: Implications for understanding the neurobehavioral changes in mice chronically infected with <i>Toxoplasma gondii</i> . <i>Behavioural Brain Research</i> , 2019, 359, 737-748.	2.2	51
24	YAP promotes breast cancer metastasis by repressing growth differentiation factor-15. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1744-1753.	3.8	50
25	Rat BodyMap transcriptomes reveal unique circular RNA features across tissue types and developmental stages. <i>Rna</i> , 2018, 24, 1443-1456.	3.5	50
26	Inducible variation in anaerobic energy metabolism reflects hypoxia tolerance across the intertidal and subtidal distribution of the Pacific oyster (<i>Crassostrea gigas</i>). <i>Marine Environmental Research</i> , 2018, 138, 135-143.	2.5	49
27	Potential of Combining Optical and Dual Polarimetric SAR Data for Improving Mangrove Species Discrimination Using Rotation Forest. <i>Remote Sensing</i> , 2018, 10, 467.	4.0	47
28	Sequential application of bFGF and BMP-2 facilitates osteogenic differentiation of human periodontal ligament stem cells. <i>Journal of Periodontal Research</i> , 2019, 54, 424-434.	2.7	47
29	Tactile Chemomechanical Transduction Based on an Elastic Microstructured Array to Enhance the Sensitivity of Portable Biosensors. <i>Advanced Materials</i> , 2019, 31, e1803883.	21.0	45
30	Synthesis of MCM-41-Supported Metal Catalysts in Deep Eutectic Solvent for the Conversion of Carbohydrates into 5-Hydroxymethylfurfural. <i>ChemSusChem</i> , 2019, 12, 978-982.	6.8	42
31	Spatial Distribution of Biomaterial Microenvironment pH and Its Modulatory Effect on Osteoclasts at the Early Stage of Bone Defect Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 9557-9572.	8.0	42
32	Single Lipid Bilayers Constructed on Polymer Cushion Studied by Sum Frequency Generation Vibrational Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7613-7620.	3.1	39
33	Efficient synthesis of bio-monomer 2,5-furandicarboxylic acid from concentrated 5-hydroxymethylfurfural or fructose in DMSO/H ₂ O mixed solvent. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 77, 209-214.	5.8	38
34	Cognitive Memory-Guided AutoEncoder for Effective Intrusion Detection in Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 3358-3366.	11.3	37
35	Targeting Galectin-1 Impairs Castration-Resistant Prostate Cancer Progression and Invasion. <i>Clinical Cancer Research</i> , 2018, 24, 4319-4331.	7.0	36
36	Efficient synthesis of glucose into 5-hydroxymethylfurfural with SO ₄ ²⁻ /ZrO ₂ modified H ⁺ zeolites in different solvent systems. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 96, 431-438.	5.3	35

#	ARTICLE	IF	CITATIONS
37	Consensus Protocol for Multiagent Systems With Undirected Topologies and Binary-Valued Communications. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 206-221.	5.7	35
38	A high-fat diet alters genome-wide DNA methylation and gene expression in SM/J mice. <i>BMC Genomics</i> , 2018, 19, 888.	2.8	34
39	Transgenerational effects of short-term exposure to acidification and hypoxia on early developmental traits of the mussel <i>Mytilus edulis</i> . <i>Marine Environmental Research</i> , 2019, 145, 73-80.	2.5	34
40	Recent progress in the emerging role of exosome in hepatocellular carcinoma. <i>Cell Proliferation</i> , 2019, 52, e12541.	5.3	34
41	Erythropoietin-loaded oligochitosan nanoparticles for treatment of periventricular leukomalacia. <i>International Journal of Pharmaceutics</i> , 2012, 422, 462-471.	5.2	31
42	Functional regulatory mechanism of smooth muscle cell-restricted LMOD1 coronary artery disease locus. <i>PLoS Genetics</i> , 2018, 14, e1007755.	3.5	30
43	Autophagy enhances the replication of Peste des petits ruminants virus and inhibits caspase-dependent apoptosis in vitro. <i>Virulence</i> , 2018, 9, 1176-1194.	4.4	29
44	Rho-kinase inhibitor Y-27632 downregulates LPS-induced IL-6 and IL-8 production via blocking p38 MAPK and NF- κ B pathways in human gingival fibroblasts. <i>Journal of Periodontology</i> , 2018, 89, 883-893.	3.4	28
45	Human oocyte maturation arrest caused by a novel missense mutation in <i>TUBB8</i> . <i>Journal of International Medical Research</i> , 2018, 46, 3759-3764.	1.0	27
46	Influences of isolated fractions of natural organic matter on adsorption of Cu(II) by titanate nanotubes. <i>Science of the Total Environment</i> , 2019, 650, 1412-1418.	8.0	27
47	Sulfated modification of arabinogalactans from <i>Larix principis-rupprechtii</i> and their antitumor activities. <i>Carbohydrate Polymers</i> , 2019, 215, 207-212.	10.2	26
48	Guide Positioning Sequencing identifies aberrant DNA methylation patterns that alter cell identity and tumor-immune surveillance networks. <i>Genome Research</i> , 2019, 29, 270-280.	5.5	25
49	Timely Visualization of the Collaterals Formed during Acute Ischemic Stroke with Fe ₃ O ₄ Nanoparticle-based MR Imaging Probe. <i>Small</i> , 2018, 14, e1800573.	10.0	24
50	Synergistic Effects of Controlled-Released BMP-2 and VEGF from nHAC/PLGAs Scaffold on Osteogenesis. <i>BioMed Research International</i> , 2018, 2018, 1-12.	1.9	24
51	PAK4 Phosphorylates Fumarase and Blocks TGF β -Induced Cell Growth Arrest in Lung Cancer Cells. <i>Cancer Research</i> , 2019, 79, 1383-1397.	0.9	24
52	Mammalian Eps15 homology domain 1 potentiates angiogenesis of non-small cell lung cancer by regulating β 2AR signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 174.	8.6	24
53	Highly Efficient Reductive Etherification of 5-Hydroxymethylfurfural to 2,5-Bis(Alkoxyethyl)Furans as Biodiesel Components over Zr-SBA Catalyst. <i>Energy Technology</i> , 2019, 7, 1801071.	3.8	22
54	Protective effect of Wuzi Yanzong recipe on testicular dysfunction through inhibition of germ cell apoptosis in ageing rats via endoplasmic reticulum stress. <i>Andrologia</i> , 2019, 51, e13181.	2.1	21

#	ARTICLE	IF	CITATIONS
55	Collision avoidance of Coulomb spacecraft formations using multi-mode hall thrusters. <i>Aerospace Science and Technology</i> , 2017, 68, 261-268.	4.8	20
56	Effectiveness of the Chronic Care Model in Type 2 Diabetes Management in a Community Health Service Center in China: A Group Randomized Experimental Study. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-12.	2.3	20
57	Design, synthesis, and in vitro antifungal evaluation of novel triazole derivatives bearing alkynyl side chains. <i>Journal of Saudi Chemical Society</i> , 2019, 23, 576-585.	5.2	20
58	Characterization of a Mouse Model of BÃ¶rjeson-Forssman-Lehmann Syndrome. <i>Cell Reports</i> , 2018, 25, 1404-1414.e6.	6.4	19
59	Long non-coding RNA AFAP1-antisense RNA 1 promotes the proliferation, migration and invasion of gastric cancer cells and is associated with poor patient survival. <i>Oncology Letters</i> , 2018, 15, 8620-8626.	1.8	19
60	Genome-wide DNA methylation profiling of primary colorectal laterally spreading tumors identifies disease-specific epimutations on common pathways. <i>International Journal of Cancer</i> , 2018, 143, 2488-2498.	5.1	18
61	Methylene Blue-Catalyzed Oxidative Cleavage of N-Carbonylated Indoles. <i>Synthesis</i> , 2018, 50, 2897-2907.	2.3	18
62	Chemotherapy is associated with increased survival from colorectal signet ring cell carcinoma with distant metastasis: A Surveillance, Epidemiology, and End Results database analysis. <i>Cancer Medicine</i> , 2019, 8, 1930-1940.	2.8	18
63	siRNA-mediated c-Rel knockdown ameliorates collagen-induced arthritis in mice. <i>International Immunopharmacology</i> , 2018, 56, 9-17.	3.8	16
64	Mechanically tough and recoverable hydrogels via dual physical crosslinkings. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 1294-1305.	2.1	16
65	A novel adaptive control for reaching movements of an anthropomorphic arm driven by pneumatic artificial muscles. <i>Applied Soft Computing Journal</i> , 2019, 83, 105623.	7.2	16
66	Bayesian integrative model for multi-omics data with missingness. <i>Bioinformatics</i> , 2018, 34, 3801-3808.	4.1	15
67	Noc4L-Mediated Ribosome Biogenesis Controls Activation of Regulatory and Conventional T Cells. <i>Cell Reports</i> , 2019, 27, 1205-1220.e4.	6.4	15
68	Genotoxicity of Zinc Oxide Nanoparticles in Plants Demonstrated Using Transgenic Arabidopsis thaliana. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 101, 514-520.	2.7	14
69	Characterization of <i>Stabebrandtia nassauensis</i> GH 20 Beta-Hexosaminidase, a Versatile Biocatalyst for Chitobiose Degradation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1243.	4.1	14
70	A novel bilateral impedance controls for underwater tele-operation systems. <i>Applied Soft Computing Journal</i> , 2020, 91, 106194.	7.2	14
71	Recombinant human erythropoietin offers neuroprotection through inducing endogenous erythropoietin receptor and neuroglobin in a neonatal rat model of periventricular white matter damage. <i>Neuroscience Letters</i> , 2017, 650, 12-17.	2.1	13
72	Bridging the Gap: How Supervisors' Perceptions of Guanxi HRM Practices Influence Subordinates' Work Engagement. <i>Applied Psychology</i> , 2018, 67, 589-616.	7.1	13

#	ARTICLE	IF	CITATIONS
73	Ethyl gallate as a novel ERK1/2 inhibitor suppresses patient-derived esophageal tumor growth. <i>Molecular Carcinogenesis</i> , 2019, 58, 533-543.	2.7	13
74	Total Synthesis of Originally Proposed and Revised Structure of Hetiamacin A. <i>Organic Letters</i> , 2018, 20, 3566-3569.	4.6	12
75	Development of a colorimetric PNGase activity assay. <i>Carbohydrate Research</i> , 2019, 472, 58-64.	2.3	12
76	Improved Stability Criteria on Discrete-time Systems with Time-varying and Distributed Delays. <i>International Journal of Automation and Computing</i> , 2013, 10, 260-266.	4.5	11
77	A potential involvement of plant systemic response in initiating genotoxicity of Ag-nanoparticles in <i>Arabidopsis thaliana</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 324-330.	6.0	11
78	Enhancement of Berberine Hypoglycemic Activity by Oligomeric Proanthocyanidins. <i>Molecules</i> , 2018, 23, 3318.	3.8	10
79	Mutations of <i>Mycobacterium tuberculosis</i> induced by anti-tuberculosis treatment result in metabolism changes and elevation of ethambutol resistance. <i>Infection, Genetics and Evolution</i> , 2019, 72, 151-158.	2.3	10
80	Anti- β 2GPI antibodies enhance atherosclerosis in ApoE-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 72-78.	2.1	9
81	Analysis of polymorphisms in genes associated with the FA/BRCA pathway in three patients with multiple primary malignant neoplasms. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1101-1112.	2.8	9
82	Pretreatment risk management of a novel nomogram model for prediction of thoracoabdominal extrahepatic metastasis in primary hepatic carcinoma. <i>Journal of Translational Medicine</i> , 2019, 17, 117.	4.4	8
83	Whole-exome sequencing identifies a novel missense variant within LOXHD1 causing rare hearing loss in a Chinese family. <i>BMC Medical Genetics</i> , 2019, 20, 30.	2.1	8
84	Egress of murine regulatory T cells from the thymus requires TIPE2. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 376-383.	2.1	7
85	A novel adaptive control of a human musculoskeletal arm model. <i>Computers and Electrical Engineering</i> , 2018, 69, 732-739.	4.8	6
86	Importance of Polyacrylamide Hydrogel Diverse Chains and Cross-Linking Density for Cell Proliferation, Aging, and Death. <i>Langmuir</i> , 2019, 35, 13999-14006.	3.5	6
87	Associations between Maternal AFP and β -HCG and Preterm Birth. <i>American Journal of Perinatology</i> , 2019, 36, 1459-1463.	1.4	6
88	Identification of megakaryocytes as a target of advanced glycation end products in diabetic complications in bone marrow. <i>Acta Diabetologica</i> , 2018, 55, 419-427.	2.5	5
89	Induction of reproductive cell death in <i>Caenorhabditis elegans</i> across entire linear-energy-transfer range of carbon-ion irradiation. <i>DNA Repair</i> , 2018, 63, 39-46.	2.8	5
90	Enzymatic Synthesis of Trideuterated Sialosides. <i>Molecules</i> , 2019, 24, 1368.	3.8	5

#	ARTICLE	IF	CITATIONS
91	Endoglucanase improve the growth of homofermentative <i>Lactobacillus</i> spp. in ensilages. <i>Journal of Biotechnology</i> , 2019, 295, 55-62.	3.8	5
92	<i>Plasmodium yoelii</i> infection inhibits murine leukaemia WEHI-3 cell proliferation in vivo by promoting immune responses. <i>Infectious Diseases of Poverty</i> , 2018, 7, 48.	3.7	4
93	Clinical and Drug Resistance Characteristics of New Pediatric Tuberculosis Cases in Northern China. <i>Microbial Drug Resistance</i> , 2018, 24, 1397-1403.	2.0	4
94	Characterization of the complete chloroplast genome of <i>Alsophila gigantea</i> (Cyatheaceae), an ornamental and CITES giant tree fern. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 967-968.	0.4	4
95	Emotions and Parenting in Learning Among Chinese Children. <i>New Directions for Child and Adolescent Development</i> , 2019, 2019, 39-65.	2.2	4
96	An input shaping based active vibration control and adaptive RBF impedance control for suppressing the myospasm in upper-limb rehabilitation. <i>Applied Soft Computing Journal</i> , 2020, 95, 106380.	7.2	4
97	Sliding Mode Impedance Control for Dual Hand Master Single Slave Teleoperation Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 25500-25508.	8.0	4
98	Negative Modulation of Bystander DNA Repair Potential by X-Ray Targeted Tissue Volume in <i>Arabidopsis thaliana</i> . <i>Radiation Research</i> , 2019, 191, 556.	1.5	4
99	A sliding mode and non-linear disturbance observer based bilateral control for telerehabilitation systems with flexible manipulators. <i>Cognitive Robotics</i> , 2022, 2, 39-49.	5.4	4
100	The complete chloroplast genome of <i>Leptochilus hemionitideus</i> , a traditional Chinese medical fern. <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 784-785.	0.4	3
101	Enhanced pause correlates with airway neutrophils and airway-epithelial injury in asthmatic mice treated with dexamethasone. <i>Journal of Asthma</i> , 2019, 56, 11-20.	1.7	3
102	A Non-Randomized Procedure for Large-Scale Heterogeneous Multiple Discrete Testing Based on Randomized Tests. <i>Biometrics</i> , 2019, 75, 638-649.	1.4	3
103	Posttraumatic Trigeminal-Cavernous Fistula. <i>World Neurosurgery</i> , 2018, 116, 152-154.	1.3	2
104	Development and characterization of 23 polymorphic microsatellite loci for <i>Amentotaxus argotaenia</i> (Taxaceae), a relict vulnerable species. <i>Applications in Plant Sciences</i> , 2018, 6, e01149.	2.1	2
105	Dural Arteriovenous Fistulas with Perimedullary Venous Drainage Successfully Managed Via Endovascular Electrocoagulation. <i>World Neurosurgery</i> , 2019, 126, 547-551.	1.3	2
106	Improved Particle Swarm Optimization for Multi-robot SLAM. , 2018, , .		1
107	Adaptive Neural Fuzzy Inference System Disturbance Observer-Based Control for Reaching Movement of Musculoskeletal Arm Model. <i>IEEE Access</i> , 2018, 6, 73030-73040.	4.2	1
108	Complete chloroplast genome sequence of <i>Asplenium nidus</i> (Aspleniaceae), an economically important foliage fern. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 923-924.	0.4	1

#	ARTICLE	IF	CITATIONS
109	Improved Rao-Blackwellised Particle Filter Based on Randomly Weighted PSO. Studies in Computational Intelligence, 2020, , 19-29.	0.9	1
110	A Q-Learning-Based Parameters Adaptive Algorithm for Formation Tracking Control of Multi-Mobile Robot Systems. Complexity, 2022, 2022, 1-19.	1.6	1
111	A Novel Sliding Mode Control for Human Upper Extremity with Gravity Compensation. Studies in Computational Intelligence, 2020, , 59-66.	0.9	0
112	RBF Neural Network based Trajectory Control and Impedance Control of a Upper Limb Tele-rehabilitation Process. , 2020, , .		0
113	The trajectory planning and path following control of an anthropomorphic upper limb. , 2021, , .		0