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List of Publications by Year in descending order

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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	Cognitive Memory-Guided AutoEncoder for Effective Intrusion Detection in Internet of Things. IEEE Transactions on Industrial Informatics, 2022, 18, 3358-3366.	11.3	37
2	Sliding Mode Impedance Control for Dual Hand Master Single Slave Teleoperation Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 25500-25508.	8.0	4
3	A Q-Learning-Based Parameters Adaptive Algorithm for Formation Tracking Control of Multi-Mobile Robot Systems. Complexity, 2022, 2022, 1-19.	1.6	1
4	A sliding mode and non-linear disturbance observer based bilateral control for telerehabilitation systems with flexible manipulators. Cognitive Robotics, 2022, 2, 39-49.	5.4	4
5	The trajectory planning and path following control of an anthropomorphic upper limb. , 2021, , .		0
6	An input shaping based active vibration control and adaptive RBF impedance control for suppressing the myospasm in upper-limb rehabilitation. Applied Soft Computing Journal, 2020, 95, 106380.	7.2	4
7	A novel bilateral impedance controls for underwater tele-operation systems. Applied Soft Computing Journal, 2020, 91, 106194.	7.2	14
8	Improved Rao-Blackwellised Particle Filter Based on Randomly Weighted PSO. Studies in Computational Intelligence, 2020, , 19-29.	0.9	1
9	A Novel Sliding Mode Control for Human Upper Extremity with Gravity Compensation. Studies in Computational Intelligence, 2020, , 59-66.	0.9	0
10	RBF Neural Network based Trajectory Control and Impedance Control of a Upper Limb Tele-rehabilitation Process. , 2020, , .		0
11	Enhanced pause correlates with airway neutrophils and airway-epithelial injury in asthmatic mice treated with dexamethasone. Journal of Asthma, 2019, 56, 11-20.	1.7	3
12	Characterization of the complete chloroplast genome of <i>Alsophila gigantea</i> (Cyatheaceae), an ornamental and CITES giant tree fern. Mitochondrial DNA Part B: Resources, 2019, 4, 967-968.	0.4	4
13	A novel adaptive control for reaching movements of an anthropomorphic arm driven by pneumatic artificial muscles. Applied Soft Computing Journal, 2019, 83, 105623.	7.2	16
14	Importance of Polyacrylamide Hydrogel Diverse Chains and Cross-Linking Density for Cell Proliferation, Aging, and Death. Langmuir, 2019, 35, 13999-14006.	3.5	6
15	A potential involvement of plant systemic response in initiating genotoxicity of Ag-nanoparticles in Arabidopsis thaliana. Ecotoxicology and Environmental Safety, 2019, 170, 324-330.	6.0	11
16	Associations between Maternal AFP and β -HCG and Preterm Birth. American Journal of Perinatology, 2019, 36, 1459-1463.	1.4	6
17	Guide Positioning Sequencing identifies aberrant DNA methylation patterns that alter cell identity and tumor-immune surveillance networks. Genome Research, 2019, 29, 270-280.	5.5	25
18	Synthesis of MCM-41-Supported Metal Catalysts in Deep Eutectic Solvent for the Conversion of Carbohydrates into 5-Hydroxymethylfurfural. ChemSusChem, 2019, 12, 978-982.	6.8	42

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19	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
20	Noc4L-Mediated Ribosome Biogenesis Controls Activation of Regulatory and Conventional T Cells. <i>Cell Reports</i> , 2019, 27, 1205-1220.e4.	6.4	15
21	Enzymatic Synthesis of Trideuterated Sialosides. <i>Molecules</i> , 2019, 24, 1368.	3.8	5
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	Sequential application of bFGF and BMP β facilitates osteogenic differentiation of human periodontal ligament stem cells. <i>Journal of Periodontal Research</i> , 2019, 54, 424-434.	2.7	47
30	Endoglucanase improve the growth of homofermentative <i>Lactobacillus</i> spp. in ensilages. <i>Journal of Biotechnology</i> , 2019, 295, 55-62.	3.8	5
31	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
32	Anti- β 2GPI antibodies enhance atherosclerosis in ApoE-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 72-78.	2.1	9
33	Characterization of <i>Stacchebrandtia 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
34	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
35	Transposable elements drive widespread expression of oncogenes in human cancers. <i>Nature Genetics</i> , 2019, 51, 611-617.	21.4	253
36	Dural Arteriovenous Fistulas with Perimedullary Venous Drainage Successfully Managed Via Endovascular Electrocoagulation. <i>World Neurosurgery</i> , 2019, 126, 547-551.	1.3	2

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37	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
38	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
39	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
40	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
41	Sulfur dots@graphene nano hybrid: 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
42	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
43	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
44	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
45	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
46	Recent progress in the emerging role of exosome in hepatocellular carcinoma. <i>Cell Proliferation</i> , 2019, 52, e12541.	5.3	34
47	Development of a colorimetric PNGase activity assay. <i>Carbohydrate Research</i> , 2019, 472, 58-64.	2.3	12
48	Emotions and Parenting in Learning Among Chinese Children. <i>New Directions for Child and Adolescent Development</i> , 2019, 2019, 39-65.	2.2	4
49	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
50	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
51	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
52	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
53	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
54	Mutations of Mycobacterium tuberculosis 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

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55	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
56	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
57	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
58	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
59	The NIEHS TaRGET II Consortium and environmental epigenomics. <i>Nature Biotechnology</i> , 2018, 36, 225-227.	17.5	79
60	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
61	Targeting Galectin-1 Impairs Castration-Resistant Prostate Cancer Progression and Invasion. <i>Clinical Cancer Research</i> , 2018, 24, 4319-4331.	7.0	36
62	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
63	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
64	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
65	Complete long-term corrosion protection with chemical vapor deposited graphene. <i>Carbon</i> , 2018, 132, 78-84.	10.3	89
66	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
67	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
68	Mechano-Based Transductive Sensing for Wearable Healthcare. <i>Small</i> , 2018, 14, e1702933.	10.0	91
69	siRNA-mediated c-Rel knockdown ameliorates collagen-induced arthritis in mice. <i>International Immunopharmacology</i> , 2018, 56, 9-17.	3.8	16
70	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
71	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
72	A novel adaptive control of a human musculoskeletal arm model. <i>Computers and Electrical Engineering</i> , 2018, 69, 732-739.	4.8	6

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73	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
74	Improved Particle Swarm Optimization for Multi-robot SLAM. , 2018, , .		1
75	Characterization of a Mouse Model of BÃ¶rjeson-Forssman-Lehmann Syndrome. <i>Cell Reports</i> , 2018, 25, 1404-1414.e6.	6.4	19
76	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
77	Enhancement of Berberine Hypoglycemic Activity by Oligomeric Proanthocyanidins. <i>Molecules</i> , 2018, 23, 3318.	3.8	10
78	Functional regulatory mechanism of smooth muscle cell-restricted LMOD1 coronary artery disease locus. <i>PLoS Genetics</i> , 2018, 14, e1007755.	3.5	30
79	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
80	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
81	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
82	Complete substitution of a secondary cell wall with a primary cell wall in <i>Arabidopsis</i> . <i>Nature Plants</i> , 2018, 4, 777-783.	9.3	63
83	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
84	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
85	Divergence and plasticity shape adaptive potential of the Pacific oyster. <i>Nature Ecology and Evolution</i> , 2018, 2, 1751-1760.	7.8	113
86	Long-Term In Vitro Expansion of Epithelial Stem Cells Enabled by Pharmacological Inhibition of PAK1-ROCK-Myosin II and TGF-Î² Signaling. <i>Cell Reports</i> , 2018, 25, 598-610.e5.	6.4	70
87	<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
88	Bayesian integrative model for multi-omics data with missingness. <i>Bioinformatics</i> , 2018, 34, 3801-3808.	4.1	15
89	Posttraumatic Trigeminal-Cavernous Fistula. <i>World Neurosurgery</i> , 2018, 116, 152-154.	1.3	2
90	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

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91	Total Synthesis of Originally Proposed and Revised Structure of Hetiamacin A. <i>Organic Letters</i> , 2018, 20, 3566-3569.	4.6	12
92	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
93	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
94	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
95	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
96	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
97	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
98	Methylene Blue-Catalyzed Oxidative Cleavage of N-Carbonylated Indoles. <i>Synthesis</i> , 2018, 50, 2897-2907.	2.3	18
99	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
100	Rat BodyMap transcriptomes reveal unique circular RNA features across tissue types and developmental stages. <i>Rna</i> , 2018, 24, 1443-1456.	3.5	50
101	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
102	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
103	Genotoxicity of Zinc Oxide Nanoparticles in Plants Demonstrated Using Transgenic <i>Arabidopsis thaliana</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 101, 514-520.	2.7	14
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	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
106	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
107	Collision avoidance of Coulomb spacecraft formations using multi-mode hall thrusters. <i>Aerospace Science and Technology</i> , 2017, 68, 261-268.	4.8	20
108	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

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109	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. ACS Applied Materials & Interfaces, 2015, 7, 11215-11223.	8.0	153
110	Improved Stability Criteria on Discrete-time Systems with Time-varying and Distributed Delays. International Journal of Automation and Computing, 2013, 10, 260-266.	4.5	11
111	Fabrication and Characterization of Heparin-Grafted Poly-l-lactic acid-Chitosan Core-Shell Nanofibers Scaffold for Vascular Gasket. ACS Applied Materials & Interfaces, 2013, 5, 3757-3763.	8.0	89
112	Erythropoietin-loaded oligochitosan nanoparticles for treatment of periventricular leukomalacia. International Journal of Pharmaceutics, 2012, 422, 462-471.	5.2	31
113	Single Lipid Bilayers Constructed on Polymer Cushion Studied by Sum Frequency Generation Vibrational Spectroscopy. Journal of Physical Chemistry C, 2011, 115, 7613-7620.	3.1	39