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List of Publications by Year
in descending order

47 papers	1,163 citations	516710 16 h-index	395702 33 g-index
48 all docs	48 docs citations	48 times ranked	1569 citing authors

#	Article	IF	Citations
1	The influences of ambient fine particulate matter constituents on plasma hormones, circulating TMAO levels and blood pressure: A panel study in China. Environmental Pollution, 2022, 296, 118746.	7.5	4
2	Trajectory optimisation with musculoskeletal integration features for fracture reduction orthopaedic robot. International Journal of Medical Robotics and Computer Assisted Surgery, 2022, 18, e2372.	2.3	2
3	Robust Tracking Control for Electrohydraulic System Using an Internal Model-Based Sliding Surface. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2022, 144, .	1.6	0
4	Bispectrum-based hybrid neural network for motor imagery classification. Journal of Neuroscience Methods, 2022, 375, 109593.	2.5	3
5	Sustainable and Conductive Woodâ€Derived Carbon Framework for Stretchable Strain Sensors. Advanced Sustainable Systems, 2022, 6, .	5.3	7
6	Controlling tractorâ€semitrailer vehicles in automated highway systems: Adaptive robust and Lyapunov minimax approach. Asian Journal of Control, 2021, 23, 2642-2656.	3.0	6
7	Novel channel selection method based on position priori weighted permutation entropy and binary gravity search algorithm. Cognitive Neurodynamics, 2021, 15, 141-156.	4.0	14
8	A novel photothermal, self-healing and anti-reflection water evaporation membrane. Soft Matter, 2021, 17, 4730-4737.	2.7	12
9	Mechanically strong, transparent, and biodegradable wood-derived film. Materials Chemistry Frontiers, 2021, 5, 7903-7909.	5.9	14
10	Flexible, Strong, Anisotropic Woodâ€Derived Conductive Circuit. Advanced Sustainable Systems, 2021, 5, 2100040.	5.3	12
11	Photothermal Membrane of CuS/Polyacrylamideâ€“Carboxymethyl Cellulose for Solar Evaporation. ACS Applied Polymer Materials, 2021, 3, 2402-2410.	4.4	33
12	Distinguishable spatial-spectral feature learning neural network framework for motor imagery-based brainâ€“computer interface. Journal of Neural Engineering, 2021, 18, 0460e4.	3.5	6
13	Hypoxiaâ€Inducible Exosomes Facilitate Liverâ€Tropic Premetastatic Niche in Colorectal Cancer. Hepatology, 2021, 74, 2633-2651.	7.3	73
14	HER2-specific chimeric antigen receptor-T cells for targeted therapy of metastatic colorectal cancer. Cell Death and Disease, 2021, 12, 1109.	6.3	24
15	Collision Avoidance Algorithm for USV Based on Rolling Obstacle Classification and Fuzzy Rules. Journal of Marine Science and Engineering, 2021, 9, 1321.	2.6	11
16	Output feedback based high-order sliding mode control design of electrohydraulic system using an exact differentiator. , 2021, , .		0
17	Up-regulation of miR-297 mediates aluminum oxide nanoparticle-induced lung inflammation through activation of Notch pathway. Environmental Pollution, 2020, 259, 113839.	7.5	14
18	Plane-Wave Synthesis: A Sparse Representation Perspective. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1644-1648.	4.0	8

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19	MicroRNA-382-5p is involved in pulmonary inflammation induced by fine particulate matter exposure. Environmental Pollution, 2020, 262, 114278.	7.5	20
20	Composite control of fuel quantity actuator system for diesel engines via backstepping control technique and generalised proportional integral observer. IET Control Theory and Applications, 2020, 14, 605-613.	2.1	4
21	CircPTK2 (hsa_circ_0005273) as a novel therapeutic target for metastatic colorectal cancer. Molecular Cancer, 2020, 19, 13.	19.2	146
22	Phototuning Energy Transfer in Selfâ€Organized Luminescent Helical Superstructures for Photonic Applications. Advanced Optical Materials, 2020, 8, 2000107.	7.3	73
23	Activation of NLRP3 in microglia exacerbates diesel exhaust particles-induced impairment in learning and memory in mice. Environment International, 2020, 136, 105487.	10.0	36
24	Long Noncoding RNA MIR17HG Promotes Colorectal Cancer Progression via miR-17-5p. Cancer Research, 2019, 79, 4882-4895.	0.9	157
25	MALAT1 rs664589 Polymorphism Inhibits Binding to miR-194-5p, Contributing to Colorectal Cancer Risk, Growth, and Metastasis. Cancer Research, 2019, 79, 5432-5441.	0.9	70
26	Surface-enhanced ZnS:Ag quantum dots scintillator. AIP Advances, 2019, 9, 105211.	1.3	1
27	Multiple organ injury in male C57BL/6J mice exposed to ambient particulate matter in a real-ambient PM exposure system in Shijiazhuang, China. Environmental Pollution, 2019, 248, 874-887.	7.5	108
28	GPIOâ€based rail pressure control for diesel high pressure common rail injection system. Journal of Engineering, 2019, 2019, 8293-8298.	1.1	5
29	Nonsingular Terminal Sliding Mode Control for Fuel Quantity Actuator System Using High-order Sliding Mode Observer. , 2019, , .		1
30	Inhibition of ATP citrate lyase (ACLY) protects airway epithelia from PM2.5-induced epithelial-mesenchymal transition. Ecotoxicology and Environmental Safety, 2019, 167, 309-316.	6.0	25
31	Continuous finiteâ€time TSM control for electronic throttle system. Journal of Engineering, 2019, 2019, 8383-8389.	1.1	2
32	DR4 mediates the progression, invasion, metastasis and survival of colorectal cancer through the Sp1/NF1 switch axis on genomic locus. International Journal of Cancer, 2018, 143, 289-297.	5.1	15
33	MPO Promoter Polymorphism rs2333227 Enhances Malignant Phenotypes of Colorectal Cancer by Altering the Binding Affinity of AP-2Î±. Cancer Research, 2018, 78, 2760-2769.	0.9	15
34	Taurine ameliorates particulate matter-induced emphysema by switching on mitochondrial NADH dehydrogenase genes. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9655-E9664.	7.1	56
35	Polarization-Dependent Quasi-Far-Field Superfocusing Strategy of Nanoring-Based Plasmonic Lenses. Nanoscale Research Letters, 2017, 12, 386.	5.7	8
36	The Effects of Carbon Nanotubes on the Mechanical and Wear Properties of AZ31 Alloy. Materials, 2017, 10, 1385.	2.9	49

#	Article	IF	Citations
37	Broadband Ultra-Deep Sub-Diffraction-Limit Optical Focusing by Metallic Graded-Index (MGRIN) Lenses. Nanomaterials, 2017, 7, 221.	4.1	12
38	Suppression of PTPN6 exacerbates aluminum oxide nanoparticle-induced COPD-like lesions in mice through activation of STAT pathway. Particle and Fibre Toxicology, 2017, 14, 53.	6.2	27
39	Crayfish Carapace Powder Adsorbing Heavy Metal Ions from Aqueous Solution: Capacity, Characterization, Mechanism. Journal of Aquatic Food Product Technology, 2016, 25, 122-130.	1.4	4
40	Phase constitution, microstructures and microwave dielectric properties of CaxZn1â^'xZr0.8Sn0.2Nb2O8 ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 1232-1238.	2.2	2
41	A new microwave dielectric material ZnZr0.8Sn0.2Nb2O8. Journal of Materials Science: Materials in Electronics, 2016, 27, 97-102.	2.2	7
42	microRNA-802/Rnd3 pathway imposes on carcinogenesis and metastasis of fine particulate matter exposure. Oncotarget, 2016, 7, 35026-35043.	1.8	30
43	Role of microRNA-4516 involved autophagy associated with exposure to fine particulate matter. Oncotarget, 2016, 7, 45385-45397.	1.8	34
44	Exploring the superfocusing performance of plasmonic lenses formed by coupled nanoslits. Micro and Nano Letters, 2016, 11, 615-618.	1.3	0
45	Microstructure and microwave dielectric characteristics of (Zn1â^'xCox)ZrNb2O8 ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 8954-8959.	2.2	6
46	Removal of reactive dyes by a solid waste product from food processing: crayfish carapace. Desalination and Water Treatment, 2014, 52, 5541-5552.	1.0	6
47	A machine learningâ€based method for automatic diagnosis of ankle fracture using Xâ€ray images. International Journal of Imaging Systems and Technology, 0, , .	4.1	1