Wei Zhong

List of Publications by Year
in descending order

38 papers	527 citations	759233 12 h-index	677142 22 g-index
39 all docs	39 docs citations	39 times ranked	491 citing authors

#	Article	IF	Citations
1	Benchmarking the Robustness of Object Detection Based on Near-Real Military Scenes. Wireless Communications and Mobile Computing, 2022, 2022, 1-12.	1.2	1
2	MXene–AuNP-Based Electrochemical Aptasensor for Ultra-Sensitive Detection of Chloramphenicol in Honey. Molecules, 2022, 27, 1871.	3.8	15
3	Flexible Light Field Angular Superresolution via a Deep Coarse-to-Fine Framework. Wireless Communications and Mobile Computing, 2022, 2022, 1-10.	1.2	0
4	Sheet-to-layer structure of $SnSe_2$/MXene composite materials for advanced sodium ion battery anodes. New Journal of Chemistry, 2021, 45, 1944-1952.	2.8	13
5	Designing 2D nickel hydroxide@graphene nanosheet composites to confine sulfur in highly stable lithium–sulfur batteries. Sustainable Energy and Fuels, 2021, 5, 5175-5183.	4.9	1
6	Logic W–state concentration with parity check. Quantum Engineering, 2021, 3, e63.	2.5	2
7	MXene@Ag-based ratiometric electrochemical sensing strategy for effective detection of carbendazim in vegetable samples. Food Chemistry, 2021, 360, 130006.	8.2	100
8	Prussian blue-carboxylated MWCNTs/ZIF-67 composite: a new electrochemical sensing platform for paracetamol detection with high sensitivity. Nanotechnology, 2021, 32, 085501.	2.6	14
9	Respective Volumetric Heatmap Autoencoder for Multi-Person 3D Pose Estimation. , 2021, , .		0
10	Violent Scene Detection of Film Videos Based on Multi-Task Learning of Temporal-Spatial Features. , 2021, , .		3
11	2D leaf-like ZIF-L decorated with multi-walled carbon nanotubes as electrochemical sensing platform for sensitively detecting thiabendazole pesticide residues in fruit samples. Analytical and Bioanalytical Chemistry, 2021, 413, 7485-7494.	3.7	22
12	Frame-Level Multiple Sound Sources Localization Based on Visual Understanding. , 2021, , .		0
13	An MXene-based aerogel with cobalt nanoparticles as an efficient sulfur host for room-temperature Na–S batteries. Inorganic Chemistry Frontiers, 2020, 7, 4396-4403.	6.0	33
14	High-capacity measurement-device-independent quantum secure direct communication. Quantum Information Processing, 2020, 19, 1.	2.2	30
15	Sensitive electrochemical platform for trace determination of Pb^{2+} based on multilayer Bi-MOFs/reduced graphene oxide films modified electrode. Mikrochimica Acta, 2020, 187, 603.	5.0	18
16	Light Field Reconstruction With a Hybrid Sparse Regularization-Pseudo 4DCNN Framework. IEEE Access, 2020, 8, 171009-171020.	4.2	2
17	A Prussian blue analogue as a long-life cathode for liquid-state and solid-state sodium-ion batteries. Inorganic Chemistry Frontiers, 2020, 7, 3938-3944.	6.0	33
18	A synergistic Bi_2S_3/MXene composite with enhanced performance as an anode material of sodium-ion batteries. New Journal of Chemistry, 2020, 44, 3072-3077.	2.8	40

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19	Deep Auxiliary Learning for Point Cloud Generation. IEEE Access, 2020, 8, 18538-18545.	4.2	1
20	Measurement-device-independent quantum key distribution with hyper-encoding. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	92
21	Modification of Three-Phase Drug Release Mode of Octreotide PLGA Microspheres by Microsphere-Gel Composite System. AAPS PharmSciTech, 2019, 20, 228.	3.3	14
22	Image Compression Algorithms Based on Super-Resolution Reconstruction Technology. , 2019, , .		3
23	Fine-Grained Footstep Image Classification. , 2019, , .		0
24	A Novel Framework for Maternal ECG Removal from Single-Channel Abdominal Recording. , 2019, , .		1
25	Heralded noiseless amplification for single-photon entangled state with polarization feature. Quantum Information Processing, 2018, 17, 1.	2.2	5
26	Design of linear-phase nonsubsampled nonuniform directional filter bank with arbitrary directional partitioning. Journal of Visual Communication and Image Representation, 2018, 51, 23-28.	2.8	3
27	Value-Based Local Connection Scheduling Algorithm for Distributed Video Transcoding System. , 2018, , .		0
28	Heralded amplification of single-photon entanglement with polarization feature. Frontiers of Physics, 2018, 13, 1.	5.0	4
29	Design of oversampled nonuniform filter banks with arbitrary rational frequency partitioning. Signal, Image and Video Processing, 2017, 11, 689-696.	2.7	3
30	Design of M â€channel linearâ€phase nonâ€uniform filter banks with arbitrary rational sampling factors. IET Signal Processing, 2016, 10, 106-114.	1.5	8
31	Directionality-based modified coefficient scanning for image coding. , 2015, , .		2
32	The simulated mouse method based on dynamic hand gesture recognition. , 2015, , .		1
33	An improved SIFT algorithm based on adaptive threshold canny. , 2015, , .		3
34	Design of linear-phase oversampled nonuniform filter banks with arbitrary integer sampling factors. , 2014, , .		0
35	Image spectrum decomposition and narrow-band noise removal based on 2D separable nonuniform filter banks. , 2013, , .		0
36	Two-dimensional ATR-FTIR Spectroscopic Study on the Water Diffusion Behavior in Polyimide/Silica Nanocomposite. Chinese Journal of Chemical Physics, 2006, 19, 481-484.	1.3	3

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37	In situ polymerization and characterization of polyamide-6/silica nanocomposites derived from water glass. Polymer International, 2004, 53, 1153-1160.	3.1	53
38	Learning to generate emotional music correlated with music structure features. Cognitive Computation and Systems, 0, , .	1.4	2