

# Wei Zhong

## List of Publications by Year in descending order

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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	MXene@Ag-based ratiometric electrochemical sensing strategy for effective detection of carbendazim in vegetable samples. Food Chemistry, 2021, 360, 130006.	8.2	100
2	Measurement-device-independent quantum key distribution with hyper-encoding. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	92
3	In situ polymerization and characterization of polyamide-6/silica nanocomposites derived from water glass. Polymer International, 2004, 53, 1153-1160.	3.1	53
4	A synergistic Bi <sub>2</sub> S <sub>3</sub> /MXene composite with enhanced performance as an anode material of sodium-ion batteries. New Journal of Chemistry, 2020, 44, 3072-3077.	2.8	40
5	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
6	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
7	High-capacity measurement-device-independent quantum secure direct communication. Quantum Information Processing, 2020, 19, 1.	2.2	30
8	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
9	Sensitive electrochemical platform for trace determination of Pb <sup>2+</sup> based on multilayer Bi-MOFs/reduced graphene oxide films modified electrode. Mikrochimica Acta, 2020, 187, 603.	5.0	18
10	MXene-AuNP-Based Electrochemical Aptasensor for Ultra-Sensitive Detection of Chloramphenicol in Honey. Molecules, 2022, 27, 1871.	3.8	15
11	Modification of Three-Phase Drug Release Mode of Octreotide PLGA Microspheres by Microsphere-Gel Composite System. AAPS PharmSciTech, 2019, 20, 228.	3.3	14
12	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
13	Sheet-to-layer structure of SnSe <sub>2</sub> /MXene composite materials for advanced sodium ion battery anodes. New Journal of Chemistry, 2021, 45, 1944-1952.	2.8	13
14	Design of <i>M</i> -channel linear-phase non-uniform filter banks with arbitrary rational sampling factors. IET Signal Processing, 2016, 10, 106-114.	1.5	8
15	Heralded noiseless amplification for single-photon entangled state with polarization feature. Quantum Information Processing, 2018, 17, 1.	2.2	5
16	Heralded amplification of single-photon entanglement with polarization feature. Frontiers of Physics, 2018, 13, 1.	5.0	4
17	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
18	An improved SIFT algorithm based on adaptive threshold canny. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
19	Design of oversampled nonuniform filter banks with arbitrary rational frequency partitioning. Signal, Image and Video Processing, 2017, 11, 689-696.	2.7	3
20	Design of linear-phase nonsubsampling nonuniform directional filter bank with arbitrary directional partitioning. Journal of Visual Communication and Image Representation, 2018, 51, 23-28.	2.8	3
21	Image Compression Algorithms Based on Super-Resolution Reconstruction Technology. , 2019, , .		3
22	Violent Scene Detection of Film Videos Based on Multi-Task Learning of Temporal-Spatial Features. , 2021, , .		3
23	Directionality-based modified coefficient scanning for image coding. , 2015, , .		2
24	Light Field Reconstruction With a Hybrid Sparse Regularization-Pseudo 4DCNN Framework. IEEE Access, 2020, 8, 171009-171020.	4.2	2
25	Logic Wâ€state concentration with parity check. Quantum Engineering, 2021, 3, e63.	2.5	2
26	Learning to generate emotional music correlated with music structure features. Cognitive Computation and Systems, 0, , .	1.4	2
27	The simulated mouse method based on dynamic hand gesture recognition. , 2015, , .		1
28	A Novel Framework for Maternal ECG Removal from Single-Channel Abdominal Recording. , 2019, , .		1
29	Deep Auxiliary Learning for Point Cloud Generation. IEEE Access, 2020, 8, 18538-18545.	4.2	1
30	Designing 2D nickel hydroxide@graphene nanosheet composites to confine sulfur in highly stable lithiumâ€sulfur batteries. Sustainable Energy and Fuels, 2021, 5, 5175-5183.	4.9	1
31	Benchmarking the Robustness of Object Detection Based on Near-Real Military Scenes. Wireless Communications and Mobile Computing, 2022, 2022, 1-12.	1.2	1
32	Image spectrum decomposition and narrow-band noise removal based on 2D separable nonuniform filter banks. , 2013, , .		0
33	Design of linear-phase oversampled nonuniform filter banks with arbitrary integer sampling factors. , 2014, , .		0
34	Value-Based Local Connection Scheduling Algorithm for Distributed Video Transcoding System. , 2018, , .		0
35	Fine-Grained Footstep Image Classification. , 2019, , .		0
36	Respective Volumetric Heatmap Autoencoder for Multi-Person 3D Pose Estimation. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	Flexible Light Field Angular Superresolution via a Deep Coarse-to-Fine Framework. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-10.	1.2	0
38	Frame-Level Multiple Sound Sources Localization Based on Visual Understanding. , 2021, , .		0