

Junye Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/241415/publications.pdf>

Version: 2024-02-01

51
papers

3,651
citations

117625

34
h-index

175258

52
g-index

53
all docs

53
docs citations

53
times ranked

3332
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering flexible and green electromagnetic interference shielding materials with high performance through modulating WS ₂ nanosheets on carbon fibers. <i>Journal of Materiomics</i> , 2022, 8, 327-334.	5.7	50
2	High-performance microwave absorption enabled by Co ₃ O ₄ modified VB-group laminated VS ₂ with frequency modulation from S-band to Ku-band. <i>Journal of Materials Science and Technology</i> , 2022, 107, 155-164.	10.7	133
3	Initiating VB-Group Laminated NbS ₂ Electromagnetic Wave Absorber toward Superior Absorption Bandwidth as Large as 6.48ÅGHz through Phase Engineering Modulation. <i>Advanced Functional Materials</i> , 2022, 32, 2108194.	14.9	147
4	Biomass-derived carbon-coated WS ₂ core-shell nanostructures with excellent electromagnetic absorption in C-band. <i>Applied Surface Science</i> , 2022, 577, 151939.	6.1	75
5	Achieving superior GHz-absorption performance in VB-group laminated VS ₂ microwave absorber with dielectric and magnetic synergy effects. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 2317-2327.	21.1	24
6	Recent Advances in Design Strategies and Multifunctionality of Flexible Electromagnetic Interference Shielding Materials. <i>Nano-Micro Letters</i> , 2022, 14, 80.	27.0	159
7	Tailoring Self-Polarization of Bimetallic Organic Frameworks with Multiple Polar Units Toward High-Performance Consecutive Multi-Band Electromagnetic Wave Absorption at Gigahertz. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	135
8	Metal-Organic-Framework-Derived Ball-Flower-like Porous Co ₃ O ₄ /Fe ₂ O ₃ Heterostructure with Enhanced Visible-Light-Driven Photocatalytic Activity. <i>Nanomaterials</i> , 2022, 12, 904.	4.1	18
9	Emerging Materials and Designs for Low- and Multi-Band Electromagnetic Wave Absorbers: The Search for Dielectric and Magnetic Synergy?. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	185
10	Construction of multiple interfaces and dielectric/magnetic heterostructures in electromagnetic wave absorbers with enhanced absorption performance: A review. <i>Journal of Materiomics</i> , 2021, 7, 1233-1263.	5.7	94
11	Construction of low-frequency and high-efficiency electromagnetic wave absorber enabled by texturing rod-like TiO ₂ on few-layer of WS ₂ nanosheets. <i>Applied Surface Science</i> , 2021, 548, 149158.	6.1	63
12	Synergetic dielectric loss and magnetic loss towards superior microwave absorption through hybridization of few-layer WS ₂ nanosheets with NiO nanoparticles. <i>Science Bulletin</i> , 2020, 65, 138-146.	9.0	139
13	Two-Dimensional Black Phosphorus Nanomaterials: Emerging Advances in Electrochemical Energy Storage Science. <i>Nano-Micro Letters</i> , 2020, 12, 179.	27.0	82
14	Nickel-metal-organic framework nanobelt based composite membranes for efficient Sr ²⁺ removal from aqueous solution. <i>Environmental Science and Ecotechnology</i> , 2020, 3, 100035.	13.5	36
15	Giant magnetocaloric effect in nanostructured Fe-Co-P amorphous alloys enabled through pulse electrodeposition. <i>Nanotechnology</i> , 2020, 31, 385704.	2.6	11
16	Defect engineering of nanostructured electrocatalysts for enhancing nitrogen reduction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7457-7473.	10.3	41
17	Conductive WS ₂ -NS/CNTs hybrids based 3D ultra-thin mesh electromagnetic wave absorbers with excellent absorption performance. <i>Applied Surface Science</i> , 2020, 528, 147052.	6.1	116
18	Enhancing electromagnetic wave absorption performance of Co ₃ O ₄ nanoparticles functionalized MoS ₂ nanosheets. <i>Journal of Alloys and Compounds</i> , 2020, 829, 154531.	5.5	85

#	ARTICLE	IF	CITATIONS
19	Bismuth nanorod networks confined in a robust carbon matrix as long-cycling and high-rate potassium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 8440-8446.	10.3	52
20	Confinedly growing and tailoring of Co ₃ O ₄ clusters-WS ₂ nanosheets for highly efficient microwave absorption. <i>Nanotechnology</i> , 2020, 31, 325703.	2.6	28
21	Customizing coaxial stacking VS ₂ nanosheets for dual-band microwave absorption with superior performance in the C- and K _u -bands. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5923-5933.	5.5	86
22	Highly Ordered Mesoporous NiCo ₂ O ₄ as a High Performance Anode Material for Li-Ion Batteries. <i>Frontiers in Chemistry</i> , 2019, 7, 521.	3.6	10
23	Light-weight and low-cost electromagnetic wave absorbers with high performances based on biomass-derived reduced graphene oxides. <i>Nanotechnology</i> , 2019, 30, 445708.	2.6	104
24	An Aqueous Zn-Ion Hybrid Supercapacitor with High Energy Density and Ultrastability up to 80 000 Cycles. <i>Advanced Energy Materials</i> , 2019, 9, 1902915.	19.5	244
25	An electromagnetic wave absorbing material with potential application prospects—WS ₂ nanosheets. <i>Integrated Ferroelectrics</i> , 2019, 200, 108-116.	0.7	11
26	<i>In situ</i> nitridated porous nanosheet networked Co ₃ O ₄ —Co ₄ N heteronanostructures supported on hydrophilic carbon cloth for highly efficient electrochemical hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 775-782.	10.3	63
27	The effects of additions of two-dimensional graphitic-C ₃ N ₄ on the negative electro-caloric effects in P(VDF-TrFE) copolymers. <i>RSC Advances</i> , 2019, 9, 15917-15925.	3.6	7
28	Binder-free hierarchical VS ₂ electrodes for high-performance aqueous Zn ion batteries towards commercial level mass loading. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16330-16338.	10.3	152
29	Highly effective photocatalytic performance of {001}-TiO ₂ /MoS ₂ /RGO hybrid heterostructures for the reduction of Rh B. <i>RSC Advances</i> , 2019, 9, 15033-15041.	3.6	10
30	Nitrogen-Doped Graphene-Encapsulated Nickel-Copper Alloy Nanoflower for Highly Efficient Electrochemical Hydrogen Evolution Reaction. <i>Small</i> , 2019, 15, e1901545.	10.0	50
31	Lightweight and High-Performance Microwave Absorber Based on 2D WS ₂ -RGO Heterostructures. <i>Nano-Micro Letters</i> , 2019, 11, 38.	27.0	176
32	Hydrogen Evolution Reaction: Nitrogen-Doped Graphene-Encapsulated Nickel-Copper Alloy Nanoflower for Highly Efficient Electrochemical Hydrogen Evolution Reaction (<i>Small</i> 48/2019). <i>Small</i> , 2019, 15, 1970260.	10.0	11
33	Morphology characterization and the phase separation behavior of UHMWPE/recycled-PA6 blends using FTIR imaging and thermomechanical analysis. <i>Advances in Polymer Technology</i> , 2018, 37, 2609-2615.	1.7	1
34	Magnetic-field-induced dielectric behaviors and magneto-electrical coupling of multiferroic compounds containing cobalt ferrite/barium calcium titanate composite fibers. <i>Journal of Alloys and Compounds</i> , 2018, 740, 1067-1076.	5.5	45
35	Lithiophilic Cu-CuO-Ni Hybrid Structure: Advanced Current Collectors Toward Stable Lithium Metal Anodes. <i>Advanced Materials</i> , 2018, 30, 1705830.	21.0	217
36	Evolution of 3D nanoporosity and morphology in selectively dealloying ternary Au ₅₅ Cu ₂₅ Si ₂₀ metallic glass ribbon with enhanced alcohol electro-oxidation performance. <i>Nanoscale</i> , 2018, 10, 18846-18856.	5.6	13

#	ARTICLE	IF	CITATIONS
37	Facile synthesis of highly conductive MoS ₂ /graphene nanohybrids with hetero-structures as excellent microwave absorbers. RSC Advances, 2018, 8, 36616-36624.	3.6	15
38	Self-assembly of 2D-metal-organic framework/graphene oxide membranes as highly efficient adsorbents for the removal of Cs ⁺ from aqueous solutions. RSC Advances, 2018, 8, 40813-40822.	3.6	48
39	Editable asymmetric all-solid-state supercapacitors based on high-strength, flexible, and programmable 2D-metal-organic framework/reduced graphene oxide self-assembled papers. Journal of Materials Chemistry A, 2018, 6, 20254-20266.	10.3	110
40	High-performance microwave absorption materials based on MoS ₂ -graphene isomorphic hetero-structures. Journal of Alloys and Compounds, 2018, 758, 62-71.	5.5	77
41	Highly efficient microwave absorption properties and broadened absorption bandwidth of MoS ₂ -iron oxide hybrids and MoS ₂ -based reduced graphene oxide hybrids with Hetero-structures. Applied Surface Science, 2018, 462, 872-882.	6.1	90
42	Morphology and structure of WS ₂ nanosheets prepared by solvothermal method with surfactants. Integrated Ferroelectrics, 2018, 188, 24-30.	0.7	9
43	Unconventional Nickel Nitride Enriched with Nitrogen Vacancies as a High-Efficiency Electrocatalyst for Hydrogen Evolution. Advanced Science, 2018, 5, 1800406.	11.2	163
44	Effective nondestructive evaluations on UHMWPE/Recycled-PA6 blends using FTIR imaging and dynamic mechanical analysis. Polymer Testing, 2017, 59, 371-376.	4.8	36
45	Structural and ferroelectric properties of textured KNN thick films prepared by sol-gel methods. Integrated Ferroelectrics, 2016, 176, 171-178.	0.7	9
46	High-Performance Supercapacitor Applications of NiO-Nanoparticle-Decorated Millimeter-Long Vertically Aligned Carbon Nanotube Arrays via an Effective Supercritical CO ₂ -Assisted Method. Advanced Functional Materials, 2015, 25, 7381-7391.	14.9	90
47	The Growth Behavior and Mechanism of KNN Nanorods with Sol-gel Route. Integrated Ferroelectrics, 2015, 160, 135-141.	0.7	4
48	Enhanced microwave absorption performance of polyaniline-coated CNT hybrids by plasma-induced graft polymerization. Applied Physics A: Materials Science and Processing, 2015, 119, 379-386.	2.3	46
49	Low-temperature synthesis of ribbon-like orthorhombic NaNbO ₃ fibers and their photocatalytic activities for H ₂ evolution. RSC Advances, 2015, 5, 33001-33007.	3.6	17
50	Catalyst-Free Synthesis of Hollow-Sphere-Like ZnO and Its Photoluminescence Property. Advances in Materials Science and Engineering, 2014, 2014, 1-6.	1.8	5
51	Electromagnetic and microwave absorbing properties of magnetite nanoparticles decorated carbon nanotubes/polyaniline multiphase heterostructures. Journal of Materials Science, 2014, 49, 7221-7230.	3.7	41