

# Ghulam Yasin

## List of Publications by Year in descending order

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125  
papers

5,812  
citations

66343

42  
h-index

82547

72  
g-index

130  
all docs

130  
docs citations

130  
times ranked

3982  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-organic frameworks for energy storage devices: Batteries and supercapacitors. <i>Journal of Energy Storage</i> , 2019, 21, 632-646.	8.1	271
2	Hierarchical hollow nanotubes of NiFeV-layered double hydroxides@CoVP heterostructures towards efficient, pH-universal electrocatalytic nitrogen reduction reaction to ammonia. <i>Applied Catalysis B: Environmental</i> , 2020, 265, 118559.	20.2	252
3	Understanding and suppression strategies toward stable Li metal anode for safe lithium batteries. <i>Energy Storage Materials</i> , 2020, 25, 644-678.	18.0	207
4	Electrochemical deposition of nickel graphene composite coatings: effect of deposition temperature on its surface morphology and corrosion resistance. <i>RSC Advances</i> , 2017, 7, 31100-31109.	3.6	206
5	Reviewing the current status and development of polymer electrolytes for solid-state lithium batteries. <i>Energy Storage Materials</i> , 2020, 33, 188-215.	18.0	205
6	Exploring the Nickelâ€“Graphene Nanocomposite Coatings for Superior Corrosion Resistance: Manipulating the Effect of Deposition Current Density on its Morphology, Mechanical Properties, and Erosionâ€“Corrosion Performance. <i>Advanced Engineering Materials</i> , 2018, 20, 1701166.	3.5	182
7	Hierarchical CoFe-layered double hydroxide and g-C <sub>3</sub> N <sub>4</sub> heterostructures with enhanced bifunctional photo/electrocatalytic activity towards overall water splitting. <i>Materials Chemistry Frontiers</i> , 2019, 3, 520-531.	5.9	167
8	Layered by layered Ni-Mn-LDH/g-C <sub>3</sub> N <sub>4</sub> nanohybrid for multi-purpose photo/electrocatalysis: Morphology controlled strategy for effective charge carriers separation. <i>Applied Catalysis B: Environmental</i> , 2019, 242, 485-498.	20.2	164
9	In-situ intercalation of 8-hydroxyquinoline in Mg-Al LDH coating to improve the corrosion resistance of AZ31. <i>Corrosion Science</i> , 2019, 157, 1-10.	6.6	150
10	Coupling of Bifunctional CoMnâ€“Layered Double Hydroxide@Graphitic C <sub>3</sub> N <sub>4</sub> Nanohybrids towards Efficient Photoelectrochemical Overall Water Splitting. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1045-1052.	3.3	135
11	Defective/graphitic synergy in a heteroatom-interlinked-triggered metal-free electrocatalyst for high-performance rechargeable zincâ€“air batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 18222-18230.	10.3	135
12	High-Voltage and Ultrastable Aqueous Zincâ€“Iodine Battery Enabled by N-Doped Carbon Materials: Revealing the Contributions of Nitrogen Configurations. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 13769-13776.	6.7	134
13	A novel strategy for the synthesis of hard carbon spheres encapsulated with graphene networks as a low-cost and large-scalable anode material for fast sodium storage with an ultralong cycle life. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 402-410.	6.0	128
14	Photoelectrochemical reduction of N <sub>2</sub> to NH <sub>3</sub> under ambient conditions through hierarchical MoSe <sub>2</sub> @g-C <sub>3</sub> N <sub>4</sub> heterojunctions. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2742-2753.	10.3	123
15	Iron-cation-coordinated cobalt-bridged-selenides nanorods for highly efficient photo/electrochemical water splitting. <i>Applied Catalysis B: Environmental</i> , 2022, 304, 120987.	20.2	119
16	Highly active sites of NiVB nanoparticles dispersed onto graphene nanosheets towards efficient and pH-universal overall water splitting. <i>Journal of Energy Chemistry</i> , 2021, 58, 237-246.	12.9	114
17	Investigation of structural and physical properties of Eu <sup>3+</sup> ions substituted Ni <sub>0.4</sub> Cu <sub>0.2</sub> Zn <sub>0.4</sub> Fe <sub>2</sub> O <sub>4</sub> spinel ferrite nanoparticles prepared via sonochemical approach. <i>Results in Physics</i> , 2020, 17, 103061.	4.1	99
18	Pt-M bimetallic nanoparticles (M = Ni, Cu, Er) supported on metal organic framework-derived N-doped nanostructured carbon for hydrogen evolution and oxygen evolution reaction. <i>Journal of Power Sources</i> , 2018, 402, 34-42.	7.8	97

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19	Synthesis of spheres-like Ni/graphene nanocomposite as an efficient anti-corrosive coating; effect of graphene content on its morphology and mechanical properties. <i>Journal of Alloys and Compounds</i> , 2018, 755, 79-88.	5.5	96
20	Highly active sites of Pt/Er dispersed N-doped hierarchical porous carbon for trifunctional electrocatalyst. <i>Chemical Engineering Journal</i> , 2021, 409, 128205.	12.7	94
21	Revealing the erosion-corrosion performance of sphere-shaped morphology of nickel matrix nanocomposite strengthened with reduced graphene oxide nanoplatelets. <i>Diamond and Related Materials</i> , 2020, 104, 107763.	3.9	91
22	Investigation of structural, morphological, optical, magnetic and dielectric properties of (1-x)BaTiO <sub>3</sub> /xSr <sub>0.92</sub> Ca <sub>0.04</sub> Mg <sub>0.04</sub> Fe <sub>12</sub> O <sub>19</sub> composites. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 510, 166933.	2.3	89
23	Molecular-MN <sub>4</sub> vs atomically dispersed M <sup>N</sup> <sub>4</sub> C electrocatalysts for oxygen reduction reaction. <i>Coordination Chemistry Reviews</i> , 2021, 446, 214122.	18.8	88
24	Sapium sebiferum leaf extract mediated synthesis of palladium nanoparticles and in vitro investigation of their bacterial and photocatalytic activities. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 164, 164-173.	3.8	86
25	Tailoring of electrocatalyst interactions at interfacial level to benchmark the oxygen reduction reaction. <i>Coordination Chemistry Reviews</i> , 2022, 469, 214669.	18.8	79
26	Effect of surfactant concentration in electrolyte on the fabrication and properties of nickel-graphene nanocomposite coating synthesized by electrochemical co-deposition. <i>RSC Advances</i> , 2018, 8, 20039-20047.	3.6	77
27	Tellurium Triggered Formation of Te/Fe-NiOOH Nanocubes as an Efficient Bifunctional Electrocatalyst for Overall Water Splitting. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 10972-10978.	8.0	76
28	3D interconnected porous Mo-doped WO <sub>3</sub> @CdS hierarchical hollow heterostructures for efficient photoelectrochemical nitrogen reduction to ammonia. <i>Applied Catalysis B: Environmental</i> , 2022, 317, 121711.	20.2	75
29	Role of WO <sub>3</sub> nanoparticles in electrical and dielectric properties of BaTiO <sub>3</sub> –SrTiO <sub>3</sub> ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 7786-7797.	2.2	74
30	State of the art two-dimensional covalent organic frameworks: Prospects from rational design and reactions to applications for advanced energy storage technologies. <i>Coordination Chemistry Reviews</i> , 2021, 447, 214152.	18.8	73
31	Self-templating synthesis of heteroatom-doped large-scalable carbon anodes for high-performance lithium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1058-1069.	6.0	72
32	Reviewing the current status of layered double hydroxide-based smart nanocontainers for corrosion inhibiting applications. <i>Journal of Materials Research and Technology</i> , 2021, 10, 390-421.	5.8	70
33	Pt-Ni@PC900 Hybrid Derived from Layered-Structure Cd-MOF for Fuel Cell ORR Activity. <i>ACS Omega</i> , 2020, 5, 2123-2132.	3.5	67
34	Construction of well-designed 1D selenium–tellurium nanorods anchored on graphene sheets as a high storage capacity anode material for lithium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1750-1761.	6.0	64
35	M-N-C-based single-atom catalysts for H <sub>2</sub> , O <sub>2</sub> & CO <sub>2</sub> electrocatalysis: activity descriptors, active sites identification, challenges and prospects. <i>Fuel</i> , 2021, 304, 121420.	6.4	63
36	Facile and large-scalable synthesis of low cost hard carbon anode for sodium-ion batteries. <i>Results in Physics</i> , 2019, 14, 102404.	4.1	60

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37	Defects-engineered tailoring of tri-doped interlinked metal-free bifunctional catalyst with lower gibbs free energy of OER/HER intermediates for overall water splitting. <i>Materials Today Chemistry</i> , 2022, 23, 100634.	3.5	58
38	Construction of NiCo/graphene nanocomposite coating with bulges-like morphology for enhanced mechanical properties and corrosion resistance performance. <i>Journal of Alloys and Compounds</i> , 2021, 867, 159138.	5.5	56
39	Enhancing oxygen reduction reaction performance via CNTs/graphene supported iron protoporphyrin IX: A hybrid nanoarchitecture electrocatalyst. <i>Diamond and Related Materials</i> , 2021, 113, 108272.	3.9	54
40	Boosting oxygen reduction reaction activity by incorporating the iron phthalocyanine nanoparticles on carbon nanotubes network. <i>Inorganic Chemistry Communication</i> , 2020, 120, 108160.	3.9	50
41	Green corrosion inhibitors intercalated Mg:Al layered double hydroxide coatings to protect Mg alloy. <i>Rare Metals</i> , 2021, 40, 2254-2265.	7.1	47
42	Controlled Synthesis of highly proficient and durable hollow hierarchical heterostructured (Ag-AgBr/HHST): A UV and Visible light active photocatalyst in degradation of organic pollutants. <i>Applied Catalysis B: Environmental</i> , 2018, 227, 433-445.	20.2	46
43	A novel 2D Co <sub>3</sub> (HADQ) <sub>2</sub> metal-organic framework as a highly active and stable electrocatalyst for acidic oxygen reduction. <i>Chemical Engineering Journal</i> , 2022, 430, 132642.	12.7	43
44	Influence of Tm <sup>3+</sup> /Tb <sup>3+</sup> substitution on magnetic and optical properties of Ba <sup>2+</sup> /Sr hexaferrites prepared by ultrasonic assisted citrate sol-gel approach. <i>Materials Chemistry and Physics</i> , 2020, 253, 123324.	4.0	41
45	Developing epoxy-based anti-corrosion functional nanocomposite coating with CaFe-Tolyl-triazole layered double hydroxide@g-C <sub>3</sub> N <sub>4</sub> as nanofillers on Q235 steel substrate against NaCl corrosive environment. <i>Chemical Engineering Journal</i> , 2022, 450, 137624.	12.7	41
46	Volumetric buffering of manganese dioxide nanotubes by employing $\alpha$ -Ni(OH) <sub>2</sub> graphene oxide: An approach towards stable metal oxide anode material in lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 842, 155803.	5.5	40
47	Study on the addition of SiO <sub>2</sub> nanowires to BaTiO <sub>3</sub> : Structure, morphology, electrical and dielectric properties. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 156, 110183.	4.0	40
48	(BaTiO <sub>3</sub> ) <sub>1-x</sub> + (Co <sub>0.5</sub> Ni <sub>0.5</sub> Nb <sub>0.06</sub> Fe <sub>1.94</sub> O <sub>4</sub> ) <sub>x</sub> nanocomposites: Structure, morphology, magnetic and dielectric properties. <i>Journal of the American Ceramic Society</i> , 2021, 104, 5648-5658.	3.8	39
49	Electroless codeposition of GO incorporated silane nanocomposite coating onto AZ91 Mg alloy: Effect of GO content on its morphology, mechanical and corrosion protection properties. <i>Journal of Alloys and Compounds</i> , 2021, 883, 160790.	5.5	38
50	Effect of heat treatment on the precipitate behaviour, corrosion resistance and high temperature tensile properties of 7055 aluminum alloy synthesis by novel spray deposited followed by hot extrusion. <i>Vacuum</i> , 2020, 174, 109185.	3.5	35
51	A catalyst-free preparation of conjugated poly iron-phthalocyanine and its superior oxygen reduction reaction activity. <i>Chemical Engineering Journal</i> , 2022, 445, 136784.	12.7	33
52	Exploring the Synergistic Effect of Novel Ni <sub>2</sub> Fe in 2D Bimetallic Metal-Organic Frameworks for Enhanced Electrochemical Reduction of CO <sub>2</sub> . <i>Advanced Materials Interfaces</i> , 2022, 9, 2101505.	3.7	32
53	A novel CoN <sub>4</sub> -driven self-assembled molecular engineering for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 26499-26506.	7.1	30
54	Microstructure and mechanical properties of an Al-Zn-Cu-Mg alloy processed by hot forming processes followed by heat treatments. <i>Materials Characterization</i> , 2019, 157, 109901.	4.4	29

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55	Ultrasonic synthesis, magnetic and optical characterization of Tm <sup>3+</sup> and Tb <sup>3+</sup> ions co-doped barium nanohexaferrites. <i>Journal of Solid State Chemistry</i> , 2020, 286, 121310.	2.9	29
56	Enabling the fast lithium storage of large-scalable $\hat{I}^3$ -Fe <sub>2</sub> O <sub>3</sub> /Carbon nanoarchitecture anode material with an ultralong cycle life. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 101, 379-386.	5.8	28
57	Ballistic behaviour of spray formed AA7055 aluminum alloy against tungsten core projectile impact. <i>Vacuum</i> , 2019, 159, 482-493.	3.5	27
58	Mechanical and tribological properties evaluation of plasma-sprayed shape memory alloy coating. <i>Journal of Alloys and Compounds</i> , 2021, 863, 158599.	5.5	27
59	Preparation of cerium and yttrium doped ZnO nanoparticles and tracking their structural, optical, and photocatalytic performances. <i>Journal of Rare Earths</i> , 2023, 41, 682-688.	4.8	27
60	Microstructure characteristic of spray formed 7055 Al alloy subjected to ballistic impact by two different steel core projectiles impact. <i>Journal of Materials Research and Technology</i> , 2019, 8, 6177-6190.	5.8	24
61	A high-performance tin phosphide/carbon composite anode for lithium-ion batteries. <i>Dalton Transactions</i> , 2020, 49, 17026-17032.	3.3	24
62	In Situ Fabrication of Foamed Titania Carbon Nitride Nanocomposite and Its Synergetic Visible-Light Photocatalytic Performance. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 8152-8159.	3.7	23
63	Porous aza-doped graphene-analogous 2D material a unique catalyst for CO <sub>2</sub> conversion to formic-acid by hydrogenation and electroreduction approaches. <i>Molecular Catalysis</i> , 2022, 524, 112285.	2.0	23
64	Hollow mesoporous architecture: A high performance Bi-functional photoelectrocatalyst for overall water splitting. <i>Electrochimica Acta</i> , 2018, 268, 163-172.	5.2	22
65	Microstructure characterization of 7055-T6, 6061-T6511 and 7A52-T6 Al alloys subjected to ballistic impact against heavy tungsten alloy projectile. <i>Archives of Civil and Mechanical Engineering</i> , 2019, 19, 1484-1496.	3.8	22
66	Adiabatic shear band localization in an Al–Zn–Mg–Cu alloy under high strain rate compression. <i>Journal of Materials Research and Technology</i> , 2020, 9, 3977-3983.	5.8	21
67	Electrochemical activation of copper oxide decorated graphene oxide modified carbon paste electrode surface for the simultaneous determination of hazardous Di-hydroxybenzene isomers. <i>Microchemical Journal</i> , 2021, 168, 106503.	4.5	21
68	The effect of strain rates on the microstructure and the mechanical properties of an over-aged Al-Zn-Mg-Cu alloy. <i>Materials Characterization</i> , 2020, 167, 110472.	4.4	20
69	Water-Borne ZnO/Acrylic Nanocoating: Fabrication, Characterization, and Properties. <i>Polymers</i> , 2021, 13, 717.	4.5	20
70	Molecular Mn <sup>IV</sup> -Complex immobilized on carbon black as efficient electrocatalyst for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 17621-17629.	7.1	19
71	Dimensionality and superconducting parameters of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> /(WO <sub>3</sub> NPs) <sub>x</sub> composites deduced from excess conductivity analysis. <i>Materials Chemistry and Physics</i> , 2020, 243, 122665.	4.0	18
72	Precipitation behaviour in an Al-Zn-Mg-Cu alloy subjected to high strain rate compression tests. <i>Materials Characterization</i> , 2021, 180, 111398.	4.4	18

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73	Improving the corrosion protection ability of epoxy coating using CaAl LDH intercalated with 2-mercaptobenzothiazole as a pigment on steel substrate. <i>Progress in Organic Coatings</i> , 2022, 165, 106765.	3.9	18
74	BaTiO <sub>3</sub> /(Co <sub>0.8</sub> Ni <sub>0.1</sub> Mn <sub>0.1</sub> Fe <sub>1.9</sub> Ce <sub>0.1</sub> O <sub>4</sub> ) composites: Analysis of the effect of Co <sub>0.8</sub> Ni <sub>0.1</sub> Mn <sub>0.1</sub> Fe <sub>1.9</sub> Ce <sub>0.1</sub> O <sub>4</sub> doping at different concentrations on the structural, morphological, optical, magnetic, and magnetoelectric coupling properties of BaTiO <sub>3</sub> . <i>Ceramics International</i> , 2022, 48, 30499-30509.	4.8	18
75	Metal/metal oxide nanoparticles as corrosion inhibitors. , 2020, , 181-201.		17
76	A facile strategy for the construction of TiO <sub>2</sub> /Ag nanohybrid-based polyethylene nanocomposite for antimicrobial applications. <i>Nano Structures Nano Objects</i> , 2021, 25, 100671.	3.5	17
77	Understanding the Surface Reconstruction on Ternary W <sub>x</sub> CoB <sub>x</sub> for Water Oxidation and Zinc-Air Battery Applications. <i>Small</i> , 2022, 18, e2201067.	10.0	16
78	Preparation and characterization of high-T <sub>c</sub> (YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> ) <sub>1-x</sub> /(CNTs) <sub>x</sub> superconductors with highly boosted superconducting performances. <i>Ceramics International</i> , 2021, 47, 23539-23548.	4.8	15
79	Fabrication of Amorphous BiOCl/TiO <sub>2</sub> â€“N <sub>4</sub> Heterostructure for Efficient Water Oxidation. <i>ChemistrySelect</i> , 2019, 4, 8277-8282.	1.5	14
80	Enhanced dielectric and thermal performance by fabricating coalesced network of alumina trihydrate/boron nitride in silicone rubber for electrical insulation. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	1.7	14
81	Metallic nanocomposite coatings. , 2020, , 245-274.		14
82	Simulation and Experimental Investigation on Carbonized Tracking Failure of EPDM/BN-Based Electrical Insulation. <i>Polymers</i> , 2020, 12, 582.	4.5	13
83	Fluorescent Biosensors for the Detection of Viruses Using Graphene and Two-Dimensional Carbon Nanomaterials. <i>Biosensors</i> , 2022, 12, 460.	4.7	13
84	A facile band alignment with sharp edge morphology accelerating the charge transportation for visible light photocatalytic degradation: A multiplex synergy. <i>Journal of Water Process Engineering</i> , 2019, 32, 100985.	5.6	12
85	Sr <sub>Cox</sub> Zr <sub>x</sub> Fe <sub>12</sub> âˆ² <sub>2</sub> O <sub>19</sub> and Sr <sub>Nix</sub> Zr <sub>x</sub> Fe <sub>12</sub> âˆ² <sub>2</sub> O <sub>19</sub> hexaferrites: A Comparison Study of AC Susceptibility, FC-ZFC and hyperfine interactions. <i>Chinese Journal of Physics</i> , 2020, 66, 596-605.	3.9	12
86	One-Pot Synthesis of High-Performance Tin Chalcogenides/C Anodes for Li-Ion Batteries. <i>ACS Omega</i> , 2021, 6, 17391-17399.	3.5	12
87	Intergranular properties of polycrystalline YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> superconductor added with nanoparticles of WO <sub>3</sub> and BaTiO <sub>3</sub> as artificial pinning centers. <i>Ceramics International</i> , 2021, 47, 34260-34268.	4.8	12
88	Flame Retardancy and Excellent Electrical Insulation Performance of RTV Silicone Rubber. <i>Polymers</i> , 2021, 13, 2854.	4.5	12
89	Polypyrrole and polyaniline-based membranes for fuel cell devices: A review. <i>Surfaces and Interfaces</i> , 2022, 29, 101738.	3.0	12
90	Ferrocene-Based Bioactive Bimetallic Thiourea Complexes: Synthesis and Spectroscopic Studies. <i>Bioinorganic Chemistry and Applications</i> , 2015, 2015, 1-9.	4.1	11

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91	Microstructure evolution of an artificially aged Al-Zn-Mg-Cu alloy subjected to soft- and hard-steel core projectiles. <i>Journal of Materials Research and Technology</i> , 2020, 9, 11980-11992.	5.8	11
92	Boosting the hydrophobicity and mechanical properties of fluoroalkylsilane hydrolyzed 3-glycidyoxypropyl/graphene oxide-based nanocomposite coating for enhanced corrosion resistance. <i>Thin Solid Films</i> , 2022, 756, 139373.	1.8	11
93	Facile Synthesis of MPS <sub>3</sub> /C (M = Ni and Sn) Hybrid Materials and Their Application in Lithium-Ion Batteries. <i>ACS Omega</i> , 2021, 6, 17247-17254.	3.5	9
94	Synthesis strategies and structural and electronic properties of MXenes-based nanomaterials for ORR: A mini review. <i>Inorganic Chemistry Communication</i> , 2022, 141, 109496.	3.9	9
95	YBCO superconductor added with one-dimensional TiO <sub>2</sub> nanostructures: Frequency dependencies of AC susceptibility, FC-ZFC magnetization, and pseudo-gap studies. <i>Journal of Alloys and Compounds</i> , 2021, 883, 160887.	5.5	8
96	Influence of the 8-quinolinol concentration and solution pH on the interfacial properties of self-healing hydrotalcite coating applied to AZ31 magnesium alloy. <i>Materials Today Communications</i> , 2021, 26, 101923.	1.9	6
97	Corrosion, optical and magnetic properties of flexible iron nitride nano thin films deposited on polymer substrate. <i>Physica B: Condensed Matter</i> , 2017, 524, 71-80.	2.7	5
98	Nanostructured anode materials in rechargeable batteries. , 2021, , 187-219.		5
99	Parallel preparation of multi-component alloys with composition gradient distribution and their nonlinear microstructures and mechanical properties. <i>Journal of Alloys and Compounds</i> , 2022, 921, 166159.	5.5	5
100	Silicon-based nanomaterials for energy storage. , 2022, , 103-124.		4
101	Metal-organic frameworks for the electrocatalytic ORR and HER. , 2022, , 211-237.		4
102	Superconducting properties of YBCO bulk co-embedded by nano-BaTiO <sub>3</sub> and WO <sub>3</sub> particles. <i>European Physical Journal Plus</i> , 2022, 137, 1.	2.6	4
103	Nanobattery: An introduction. , 2021, , 3-9.		3
104	Fluoride-doped MWCNT/Si <sub>3</sub> N <sub>4</sub> composite with improved mechanical and structural properties. <i>Chinese Journal of Physics</i> , 2021, 72, 606-615.	3.9	3
105	WATER-BASED ACRYLIC POLYMER/ZnO-Ag NANOCOMPOSITE COATING FOR ANTIBACTERIAL APPLICATION. <i>Surface Review and Letters</i> , 2022, 29, .	1.1	3
106	Preparation and characteristics of self-floating silica. <i>Progress in Organic Coatings</i> , 2018, 117, 1-6.	3.9	2
107	Nanostructured cathode materials in rechargeable batteries. , 2021, , 293-319.		2
108	Corrosion resistance of nanostructured metals and alloys. , 2020, , 63-87.		2

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109	Introduction to electrochemical energy storage technologies. , 2022, , 3-10.		2
110	MOF-based nanostructures and nanomaterials for next-generation energy storage. , 2022, , 3-10.		2
111	Organocerium/Ce-Based Nanocomposites as Corrosion Inhibitors. ACS Symposium Series, 0, , 169-188.	0.5	2
112	Battery-nanogenerator hybrid systems. , 2021, , 61-68.		1
113	Nanomaterials for electrochemical reduction of CO <sub>2</sub> : An introduction. , 2022, , 373-377.		1
114	MOF-based advanced nanomaterials for electrocatalysis applications. , 2022, , 749-763.		1
115	Corrigendum to "Hollow mesoporous architecture: A high performance bi-functional photoelectrocatalyst for overall water splitting" [Electrochim. Acta 268 (2018) 163-172]. Electrochimica Acta, 2018, 292, 990.	5.2	0
116	SODIUM GLUCONATE INTERCALATED Mg-Al LDH COATING TO IMPROVE THE CORROSION RESISTANCE OF AZ31. Surface Review and Letters, 2021, 28, 2150012.	1.1	0
117	Energy Economised Strategy for Synthesis of Silica and Graphene Oxide Modified Porous Barium Magnesium Niobate Ceramic with Enhanced Dielectric Properties. Science of Advanced Materials, 2019, 11, 1118-1125.	0.7	0
118	Microbial-induced corrosion of metals with presence of nanoparticles. , 2022, , 675-699.		0
119	Carbon Nanotubes: General Introduction. , 2022, , 1-13.		0
120	LDH-based nanostructured electrocatalysts for hydrogen production. , 2022, , 237-251.		0
121	2D hybrid nanoarchitecture electrocatalysts. , 2022, , 11-23.		0
122	MXene-based nanomaterials for electrocatalysis. , 2022, , 23-46.		0
123	Nanoelectrocatalysis: An introduction. , 2022, , 3-10.		0
124	Lithium metal anode. , 2022, , 489-497.		0
125	Polyoxometalate-based metal organic frameworks (POMOFs) for lithium-ion batteries. , 2022, , 245-268.		0