Bin Zhao

List of Publications by Year
in descending order

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136 papers	5,603 citations	117453 34 h-index	88477 70 g-index
140 all docs	140 docs citations	140 times ranked	8765 citing authors

#	Article	IF	Citations
1	A review on noble-metal-free bifunctional heterogeneous catalysts for overall electrochemical water splitting. Journal of Materials Chemistry A, 2016, 4, 17587-17603.	5.2	1,037
2	Facile Synthesis of Hematite Quantumâ€Dot/Functionalized Grapheneâ€Sheet Composites as Advanced Anode Materials for Asymmetric Supercapacitors. Advanced Functional Materials, 2015, 25, 627-635.	7.8	398
3	Metal/covalentâ€“organic frameworks-based electrocatalysts for water splitting. Journal of Materials Chemistry A, 2018, 6, 15905-15926.	5.2	258
4	Activated carbon with ultrahigh specific surface area synthesized from natural plant material for lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2014, 2, 15889-15896.	5.2	189
5	Flexible cathodes and multifunctional interlayers based on carbonized bacterial cellulose for high-performance lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2015, 3, 10910-10918.	5.2	155
6	Exploring Advantages of Diverse Carbon Nanotube Forests with Tailored Structures Synthesized by Supergrowth from Engineered Catalysts. ACS Nano, 2009, 3, 108-114.	7.3	144
7	Metalâ€“organic framework-derived hierarchical ultrathin CoP nanosheets for overall water splitting. Journal of Materials Chemistry A, 2020, 8, 19254-19261.	5.2	111
8	DNA Nanostructure-Based Universal Microarray Platform for High-Efficiency Multiplex Bioanalysis in Biofluids. ACS Applied Materials & Interfaces, 2014, 6, 17944-17953.	4.0	110
9	Fe-Doped Niâ€“Co Phosphide Nanoplates with Planar Defects as an Efficient Bifunctional Electrocatalyst for Overall Water Splitting. ACS Sustainable Chemistry and Engineering, 2020, 8, 7436-7444.	3.2	103
10	Stability of heavy metals in soil washing residue with and without biochar addition under accelerated ageing. Science of the Total Environment, 2018, 619-620, 185-193.	3.9	96
11	Direct growth of 3D host on Cu foil for stable lithium metal anode. Energy Storage Materials, 2018, 13, 323-328.	9.5	92
12	Highâ€Performance Supercapacitor Applications of NiOâ€Nanoparticleâ€Decorated Millimeterâ€Long Vertically Aligned Carbon Nanotube Arrays via an Effective Supercritical CO₂â€Assisted Method. Advanced Functional Materials, 2015, 25, 7381-7391.	7.8	90
13	Hydrothermal synthesis of Ni(OH) 2 nanoflakes on 3D graphene foam for high-performance supercapacitors. Electrochimica Acta, 2015, 173, 399-407.	2.6	82
14	Assembling pore-rich FeP nanorods on the CNT backbone as an advanced electrocatalyst for oxygen evolution. Journal of Materials Chemistry A, 2016, 4, 13005-13010.	5.2	82
15	Bio-inspired design of hierarchical FeP nanostructure arrays for the hydrogen evolution reaction. Nano Research, 2018, 11, 3537-3547.	5.8	78
16	Surface functionalization of vertically-aligned carbon nanotube forests by radio-frequency Ar/O2 plasma. Carbon, 2012, 50, 2710-2716.	5.4	76
17	Mesoporous iron oxide directly anchored on a graphene matrix for lithium-ion battery anodes with enhanced strain accommodation. RSC Advances, 2013, 3, 699-703.	1.7	76
18	Graphene/polyaniline@carbon cloth composite as a high-performance flexible supercapacitor electrode prepared by a one-step electrochemical co-deposition method. RSC Advances, 2017, 7, 7688-7693.	1.7	76

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19	V2O5/vertically-aligned carbon nanotubes as negative electrode for asymmetric supercapacitor in neutral aqueous electrolyte. Journal of Colloid and Interface Science, 2021, 588, 847-856.	5.0	75
20	Supercritical CO2-Assisted synthesis of NiFe2O4/vertically-aligned carbon nanotube arrays hybrid as a bifunctional electrocatalyst for efficient overall water splitting. Carbon, 2019, 145, 201-208.	5.4	70
21	Fe₂O₃-decorated millimeter-long vertically aligned carbon nanotube arrays as advanced anode materials for asymmetric supercapacitors with high energy and power densities. Journal of Materials Chemistry A, 2016, 4, 19026-19036.	5.2	62
22	Strengthening of Graphene Aerogels with Tunable Density and High Adsorption Capacity towards Pb2+. Scientific Reports, 2014, 4, 5025.	1.6	61
23	ACE2â€EPCâ€EXs protect ageing ECs against hypoxia/reoxygenationâ€induced injury through the miRâ€18a/Nox2/ROS pathway. Journal of Cellular and Molecular Medicine, 2018, 22, 1873-1882.	1.6	60
24	Integrated agronomic practices management improve yield and nitrogen balance in double cropping of winter wheat-summer maize. Field Crops Research, 2018, 221, 196-206.	2.3	58
25	Scalable fabrication of NiCo2O4/reduced graphene oxide composites by ultrasonic spray as binder-free electrodes for supercapacitors with ultralong lifetime. Journal of Materials Science and Technology, 2022, 99, 260-269.	5.6	56
26	Quasiâ€Emulsion Confined Synthesis of Edgeâ€Rich Ultrathin MoS₂ Nanosheets/Graphene Hybrid for Enhanced Hydrogen Evolution. Chemistry - A European Journal, 2018, 24, 556-560.	1.7	55
27	Graphene anchored with mesoporous NiO nanoplates as anode material for lithium-ion batteries. Journal of Solid State Electrochemistry, 2012, 16, 1889-1892.	1.2	54
28	Improved Lubricating Performance by Combining Oil-Soluble Hairy Silica Nanoparticles and an Ionic Liquid as an Additive for a Synthetic Base Oil. ACS Applied Materials & Interfaces, 2018, 10, 15129-15139.	4.0	51
29	Genetic Association of MiR-146a with Multiple Sclerosis Susceptibility in the Chinese Population. Cellular Physiology and Biochemistry, 2015, 35, 281-291.	1.1	48
30	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.	1.1	46
31	Bifunctional nickel ferrite-decorated carbon nanotube arrays as free-standing air electrode for rechargeable Znâ€“air batteries. Journal of Materials Chemistry A, 2020, 8, 5070-5077.	5.2	43
32	Electromagnetic and microwave absorbing properties of magnetite nanoparticles decorated carbon nanotubes/polyaniline multiphase heterostructures. Journal of Materials Science, 2014, 49, 7221-7230.	1.7	41
33	Graphene oxide/Al composites with enhanced mechanical properties fabricated by simple electrostatic interaction and powder metallurgy. Journal of Alloys and Compounds, 2019, 775, 233-240.	2.8	39
34	Investigation on surface layer characteristics of shot peened graphene reinforced Al composite by X-ray diffraction method. Applied Surface Science, 2018, 435, 1257-1264.	3.1	38
35	Gas transport in vertically-aligned carbon nanotube/parylene composite membranes. Carbon, 2014, 66, 11-17.	5.4	35
36	Mapping Forest and Their Spatialâ€“Temporal Changes From 2007 to 2015 in Tropical Hainan Island by Integrating ALOS/ALOS-2 L-Band SAR and Landsat Optical Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 852-867.	2.3	35

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37	Typeâ€Dependent Responses of Ice Cloud Properties to Aerosols From Satellite Retrievals. Geophysical Research Letters, 2018, 45, 3297-3306.	1.5	33
38	Cobalt sulfide supported on nitrogen and sulfur dual-doped reduced graphene oxide for highly active oxygen reduction reaction. RSC Advances, 2017, 7, 50246-50253.	1.7	32
39	Millimeterâ€Long Vertically Aligned Carbonâ€Nanotubeâ€Supported Co₃O₄ Composite Electrode for Highâ€Performance Asymmetric Supercapacitor. ChemElectroChem, 2018, 5, 1394-1400.	1.7	32
40	Genome-Wide Association and Functional Studies Identify SCML4 and THSD7A as Novel Susceptibility Genes for Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 964-975.	1.1	32
41	Photoluminescence and Photodetecting Properties of the Hydrothermally Synthesized Nitrogen-Doped Carbon Quantum Dots. Journal of Physical Chemistry C, 2019, 123, 25570-25578.	1.5	32
42	Na+ pre-intercalated Na0.11MnO2 on three-dimensional graphene as cathode for aqueous zinc ion hybrid supercapacitor with high energy density. Carbon, 2022, 198, 46-56.	5.4	31
43	Pyrolyzing cobalt diethylenetriamine chelate on carbon (CoDETA/C) as a family of non-precious metal oxygen reduction catalyst. International Journal of Hydrogen Energy, 2014, 39, 267-276.	3.8	30
44	Roles of NUCKS1 in Diseases: Susceptibility, Potential Biomarker, and Regulatory Mechanisms. BioMed Research International, 2018, 2018, 1-7.	0.9	30
45	Hierarchical Mo-doped CoP₃ interconnected nanosheet arrays on carbon cloth as an efficient bifunctional electrocatalyst for water splitting in an alkaline electrolyte. Dalton Transactions, 2020, 49, 5563-5572.	1.6	30
46	Synthesis and electrochemical properties of graphene-SnS2 nanocomposites for lithium-ion batteries. Journal of Solid State Electrochemistry, 2012, 16, 1999-2004.	1.2	29
47	Electrocatalysis of oxygen reduction on carbon nanotubes with different surface functional groups in acid and alkaline solutions. International Journal of Hydrogen Energy, 2014, 39, 16964-16975.	3.8	29
48	Fabrication of Hierarchical Macroporous/Mesoporous Carbons via the Dual-Template Method and the Restriction Effect of Hard Template on Shrinkage of Mesoporous Polymers. Journal of Physical Chemistry C, 2013, 117, 8784-8792.	1.5	28
49	Defective crystalline molybdenum phosphides as bifunctional catalysts for hydrogen evolution and hydrazine oxidation reactions during water splitting. Inorganic Chemistry Frontiers, 2019, 6, 2686-2695.	3.0	27
50	An overview of polyester/hydroxyapatite composites for bone tissue repairing. Journal of Orthopaedic Translation, 2021, 28, 118-130.	1.9	27
51	Leveraging master-slave OpenFlow controller arrangement to improve control plane resiliency in SD-EONs. Optics Express, 2015, 23, 7550.	1.7	26
52	Plasma-assisted synthesis of hierarchical NiCoxPy nanosheets as robust and stable electrocatalyst for hydrogen evolution reaction in both acidic and alkaline media. Electrochimica Acta, 2020, 331, 135431.	2.6	26
53	Investigation of nanoindentation on Co/Mo multilayers by the continuous stiffness measurement technique. Surface and Coatings Technology, 2005, 191, 127-133.	2.2	25
54	Preparation of electro-reduced graphene oxide/copper composite foils with simultaneously enhanced thermal and mechanical properties by DC electro-deposition method. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 805, 140574.	2.6	25

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55	N and Mn dual-doped cactus-like cobalt oxide nanoarchitecture derived from cobalt carbonate hydroxide as efficient electrocatalysts for oxygen evolution reactions. Journal of Colloid and Interface Science, 2021, 597, 361-369.	5.0	25
56	Preparation and Transport Performances of High-Density, Aligned Carbon Nanotube Membranes. Nanoscale Research Letters, 2015, 10, 970.	3.1	24
57	Three-dimensional porous graphene/nickel cobalt mixed oxide composites for high-performance hybrid supercapacitor. Ceramics International, 2018, 44, 21848-21854.	2.3	24
58	Deposition of Cu-Ag Alloy Film by Supercritical Fluid Deposition. Japanese Journal of Applied Physics, 2006, 45, L1296-L1299.	0.8	23
59	Experimental Investigation of Flow Patterns in Cyclones with Conventional and Symmetrical Inlet Geometries. Chemical Engineering and Technology, 2005, 28, 969-972.	0.9	22
60	Acetone-assisted deposition of silver films in supercritical carbon dioxide. Microelectronic Engineering, 2008, 85, 675-681.	1.1	21
61	Mesoporous silicon microspheres fabricated via in situ magnesiothermic reduction of silicon oxide as a high-performance anode material for lithiumâ€“ion batteries. Journal of Solid State Electrochemistry, 2015, 19, 935-939.	1.2	21
62	Engineering of molybdenum sulfide nanostructures towards efficient electrocatalytic hydrogen evolution. International Journal of Hydrogen Energy, 2019, 44, 15009-15016.	3.8	21
63	A Triple Functional Approach To Simultaneously Determine the Type, Concentration, and Size of Titanium Dioxide Particles. Environmental Science & Technology, 2018, 52, 2863-2869.	4.6	20
64	Fe₃O₄ nanoplates anchored on Ti₃C₂T_x MXene with enhanced pseudocapacitive and electrocatalytic properties. Nanoscale, 2021, 13, 15343-15351.	2.8	20
65	Effects of Ag Addition on the Resistivity, Texture and Surface Morphology of Cu Metallization. Japanese Journal of Applied Physics, 2005, 44, L1278-L1281.	0.8	19
66	Carbon nanotube loop arrays for low-operational power, high uniformity field emission with long-term stability. Carbon, 2012, 50, 2796-2803.	5.4	19
67	V2CTx MXene as novel anode for aqueous asymmetric supercapacitor with superb durability in ZnSO4 electrolyte. Journal of Colloid and Interface Science, 2022, 626, 59-67.	5.0	19
68	Amorphous alloy film formed in an immiscible Cuâ€“Ta system by ion beam assisted deposition. Materials Letters, 2002, 53, 40-43.	1.3	18
69	Surface characteristic and wear resistance of QT-700-2 nodular cast iron after laser quenching combing with shot peening treatment. Surface and Coatings Technology, 2021, 423, 127589.	2.2	18
70	Carbon foams from polyacrylonitrile-borneol films prepared using coaxial electrohydrodynamic atomization. Carbon, 2013, 53, 231-236.	5.4	17
71	Temperature-dependent gas transport performance of vertically aligned carbon nanotube/parylene composite membranes. Nanoscale Research Letters, 2014, 9, 448.	3.1	17
72	In situ growth of NiO nanoparticles on graphene as a high-performance anode material for lithium-ion battery anodes with enhanced strain accommodation. RSC Advances, 2015, 5, 4385-4388.	1.7	17

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73	Facile fabrication of GO/Al composites with improved dispersion of graphene and enhanced mechanical properties by Cu doping and powder metallurgy. Journal of Alloys and Compounds, 2020, 815, 152465.	2.8	17
74	Ion beam induced formation of metastable alloy phases in Cuâ€“Mo system during ion beam assisted deposition. Applied Surface Science, 2003, 207, 334-340.	3.1	16
75	The comparison of macroporous ceramics fabricated through the protein direct foaming and sponge replica methods. Journal of Porous Materials, 2012, 19, 761-766.	1.3	16
76	Effect of drying conditions on the structure of three-dimensional N-doped graphene and its electrochemical performance. RSC Advances, 2015, 5, 19838-19843.	1.7	16
77	Ultrathin Mo/MoN bilayer nanostructure for diffusion barrier application of advanced Cu metallization. Applied Surface Science, 2010, 256, 6003-6006.	3.1	15
78	Fabrication of graphite/Cu composite foils with ultrahigh thermal conductivity by adding an intermediate nickel layer and vacuum hot pressing treatment. Journal of Alloys and Compounds, 2021, 886, 161228.	2.8	15
79	Influence of the pore structure parameters of mesoporous anatase microspheres on their performance in lithium-ion batteries. Journal of Solid State Electrochemistry, 2014, 18, 1673-1681.	1.2	14
80	Low turn-on and uniform field emission from structurally engineered carbon nanotube arrays through growth on metal wire mesh substrates. Materials Research Express, 2017, 4, 105041.	0.8	14
81	Molybdenumâ€tungsten Oxide Nanowires Rich in Oxygen Vacancies as An Advanced Electrocatalyst for Hydrogen Evolution. Chemistry - an Asian Journal, 2020, 15, 2984-2991.	1.7	14
82	Search for three-nucleon short-range correlations in light nuclei. Physical Review C, 2018, 97, .	1.1	14
83	Metastable phases formation in Cuâ€“Nb films by ion-beam-assisted deposition. Nuclear Instruments & Methods in Physics Research B, 2001, 183, 311-317.	0.6	13
84	Highly active electrocatalyst for oxygen reduction reaction from pyrolyzing carbon-supported iron tetraethylenepentamine complex. Applied Catalysis B: Environmental, 2014, 160-161, 676-683.	10.8	13
85	Shaking table test and numerical simulation on vibration control effects of TMD with different mass ratios on a super highâ€rise structure. Structural Design of Tall and Special Buildings, 2018, 27, e1470.	0.9	13
86	Analysis of recrystallization behavior of shot peened graphene reinforced Al composites during isothermal annealing by X-ray diffraction method. Journal of Alloys and Compounds, 2018, 765, 862-868.	2.8	13
87	Ultrasmall Co2P2O7 nanocrystals anchored on nitrogen-doped graphene as efficient electrocatalysts for the oxygen reduction reaction. New Journal of Chemistry, 2019, 43, 6492-6499.	1.4	13
88	Preparation of nanoporous carbons with hierarchical pore structure for CO2 capture. New Carbon Materials, 2013, 28, 55-60.	2.9	12
89	Catalyst-free synthesis of multi-walled carbon nanotubes from carbon spheres and its implications for the formation mechanism. Carbon, 2013, 53, 137-144.	5.4	12
90	Influence of pyrolyzing atmosphere on the catalytic activity and structure of Co-based catalysts for oxygen reduction reaction. Electrochimica Acta, 2014, 115, 1-9.	2.6	12

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91	Influence of pre-treatment on the catalytic activity of carbon and its Co-based catalyst for oxygen reduction reaction. International Journal of Hydrogen Energy, 2014, 39, 3198-3210.	3.8	12
92	Co(OH)2 nanoflakes grown on 3D graphene foam as a binder-free hybrid electrode for high-performance supercapacitors. Journal of Materials Science: Materials in Electronics, 2017, 28, 7884-7891.	1.1	12
93	Mesoporous Silicon Microspheres Produced from In Situ Magnesiothermic Reduction of Silicon Oxide for High-Performance Anode Material in Sodium-Ion Batteries. Nanoscale Research Letters, 2018, 13, 275.	3.1	12
94	Efficient growth of millimeter-long few-walled carbon nanotube forests and their oil sorption. Applied Physics A: Materials Science and Processing, 2012, 108, 351-355.	1.1	11
95	Electrocatalysis of Oxygen Reduction Reaction on Carbon Nanotubes Modified by Graphitization and Amination. ECS Electrochemistry Letters, 2015, 4, H33-H37.	1.9	11
96	Nitrogen-doped graphene-supported molybdenum dioxide electrocatalysts for oxygen reduction reaction. Journal of Materials Science, 2018, 53, 6124-6134.	1.7	11
97	Quantitative study on strength development of earth-based construction prepared by organic clay and high-efficiency soil stabilizer. Construction and Building Materials, 2018, 174, 520-528.	3.2	11
98	Tunable field emission properties of carbon nanotube arrays by engineering Fe catalysts. Materials Letters, 2009, 63, 2556-2559.	1.3	10
99	Thermal Properties of Poly(vinyl chloride-co-vinyl acetate-co-2-hydroxypropyl acrylate) (PVVH) Polymer and Its Application in ZnO Based Nanogenerators. Chinese Physics Letters, 2011, 28, 016501.	1.3	10
100	Non-Precious Metal Oxygen Reduction Electrocatalyst from Pyrolyzing Cobalt Tetraethylenepentamine Complex on Carbon. Journal of the Electrochemical Society, 2014, 161, F925-F932.	1.3	10
101	Investigation of performance enhancement in InAs/InGaAs heterojunction-enhanced N-channel tunneling field-effect transistor. Superlattices and Microstructures, 2015, 88, 90-98.	1.4	10
102	Field emission from laterally aligned carbon nanotube flower arrays for low turn-on field emission. APL Materials, 2013, 1, .	2.2	9
103	Crumpled graphene microspheres anchored on NiCo₂O₄ nanoparticles as an advanced composite electrode for asymmetric supercapacitors with ultralong cycling life. Dalton Transactions, 2022, 51, 4491-4501.	1.6	9
104	Deposition of Cuâ€“Mn alloy film from supercritical carbon dioxide for advanced interconnects. Journal of Materials Science: Materials in Electronics, 2013, 24, 4439-4444.	1.1	8
105	Influence of annealing temperature on oxygen reduction activity of sputtered Co catalysts on vertically-aligned carbon nanotubes. Electrochimica Acta, 2015, 161, 72-79.	2.6	8
106	Fabrication of Cu/graphite film/Cu sandwich composites with ultrahigh thermal conductivity for thermal management applications. Frontiers of Materials Science, 2020, 14, 188-197.	1.1	8
107	Irradiation induced alloying and formation of amorphous films in Coâ€“Mo system during ion beam assisted deposition. Acta Materialia, 2003, 51, 5093-5099.	3.8	7
108	Co-supported catalysts on nitrogen and sulfur co-doped vertically-aligned carbon nanotubes for oxygen reduction reaction. RSC Advances, 2016, 6, 32676-32684.	1.7	7

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109	Preparation and mechanism of Cu/GO/Cu laminated composite foils with improved thermal conductivity and mechanical property by architectural design. Journal of Alloys and Compounds, 2022, 904, 164085.	2.8	7
110	Formation of metastable alloy films in the Ni-Mo binary system by ion-beam-assisted deposition. Applied Physics A: Materials Science and Processing, 2003, 77, 523-528.	1.1	6
111	Larmor Precession: Observation and Utilization for Boosting the Signal Intensity of Radio Frequency Glow Discharge Mass Spectrometry. Analytical Chemistry, 2020, 92, 9528-9535.	3.2	6
112	Tribological Behavior and Corrosion Resistance of S30432 Steel after Different Shot Peening Processes. Journal of Materials Engineering and Performance, 2022, 31, 1250-1258.	1.2	6
113	Amorphization in the Niâ€“Nb System upon Ion-Beam-Assisted Deposition. Japanese Journal of Applied Physics, 2001, 40, 5369-5372.	0.8	5
114	Microstructures of Nbâ€“Ti alloy films prepared by ion beam assisted deposition. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2003, 357, 365-368.	2.6	5
115	Structural and magnetic investigation of metastable alloy phases in Biâ€“Co multilayers. Journal of Alloys and Compounds, 2004, 365, 43-48.	2.8	5
116	Facile Preparation, Characterization, and Highly Effective Microwave Absorption Performance of CNTs/Fe₃O₄/PANI Nanocomposites. Journal of Nanomaterials, 2013, 2013, 1-7.	1.5	5
117	Catalyst-Free Synthesis of Hollow-Sphere-Like ZnO and Its Photoluminescence Property. Advances in Materials Science and Engineering, 2014, 2014, 1-6.	1.0	5
118	Rapid detection of TiO₂ (E171) in table sugar using Raman spectroscopy. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 1-9.	1.1	5
119	<scp>SRR</scp> intronic variation inhibits expression of its neighbouring <scp>SMG</scp>6 gene and protects against temporal lobe epilepsy. Journal of Cellular and Molecular Medicine, 2018, 22, 1883-1893.	1.6	5
120	Adhesive graphene grown on bioceramics with photothermal property. Materials Today Chemistry, 2020, 17, 100322.	1.7	5
121	Electron critical gradient scale length measurements of ICRF heated L-mode plasmas at Alcator C-Mod tokamak. Physics of Plasmas, 2018, 25, 042305.	0.7	4
122	Effects of Growth Temperature on Carbon Nanotube Forests Synthesized by Water-Assisted Chemical Vapor Deposition. Nanoscience and Nanotechnology Letters, 2014, 6, 488-492.	0.4	4
123	Amorphization and phase evolution in Feâ€“Nb films prepared by ion beam assisted deposition. Thin Solid Films, 2002, 415, 88-93.	0.8	3
124	Selective removal of metallic single-walled carbon nanotubes by microwave-assisted treatment of SWCNTs with nitronium ions. Journal of Materials Chemistry A, 2014, 2, 11222-11228.	5.2	3
125	INVESTIGATION OF SURFACE GRADIENT MICROSTRUCTURE OF SHOT PEENED S30432 STEEL BY X-RAY LINE PROFILE ANALYSIS METHOD. Surface Review and Letters, 2017, 24, 1750078.	0.5	3
126	The development of an extra-anatomic tissue-engineered artery with collateral arteries for therapeutic angiogenesis in ischemic hind limb. Scientific Reports, 2018, 8, 4627.	1.6	3

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127	A two-step approach to synthesis of Co(OH)2/Î³-NiOOH/reduced graphene oxide nanocomposite for high performance supercapacitors. Frontiers of Materials Science, 2018, 12, 273-282.	1.1	3
128	Deposition of Cu seed layer film by supercritical fluid deposition for advanced interconnects. Chinese Physics B, 2013, 22, 064217.	0.7	2
129	Influence of total gas flow on carbon nanotube forests synthesised by waterâ€assisted chemical vapour deposition. Micro and Nano Letters, 2013, 8, 779-782.	0.6	2
130	Direct preparation of hierarchical macroporous Î²-SiC using SiO₂ opal as both template and precursor and its application in water splitting. Materials Technology, 2016, 31, 526-531.	1.5	2
131	Nanoindentation study of Ni45Nb55 amorphous films prepared by ion beam assisted deposition. Nuclear Instruments & Methods in Physics Research B, 2003, 211, 339-345.	0.6	1
132	The Effect of Minerals on the Reactivity of Coal Char Treated Thermally. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2008, 30, 1491-1497.	1.2	1
133	Interweaving of multilevel carbon networks with mesoporous TiO2 for lithium-ion battery anodes. RSC Advances, 2013, 3, 24882.	1.7	1
134	Electric writing and its retention behavior in ferroelectric 0.94(Bi0.5Na0.5)TiO3-0.06BaTiO3 thin films investigated by piezoelectric force microscopy. Ferroelectrics, 2016, 500, 276-282.	0.3	1
135	An approach to prepare uniform graphene oxide/aluminum composite powders by simple electrostatic interaction in water/alcohol solution. Frontiers of Materials Science, 2019, 13, 375-381.	1.1	1
136	Controlling the radiative damping of an on-chip artificial magnon mode. Journal of Applied Physics, 2021, 130, .	1.1	1