

Tanveer A Tabish

List of Publications by Year in descending order

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147
papers

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citations

136950

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155
all docs

155
docs citations

155
times ranked

5682
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of SiC coated graphite flake with much improved performance via a molten salt shielded method. International Journal of Applied Ceramic Technology, 2022, 19, 1529-1539.	2.1	5
2	Rational design of ultrahigh porosity Co foam supported flower-like FeNiP-LDH electrocatalysts towards hydrogen evolution reaction. Catalysis Today, 2022, 400-401, 6-13.	4.4	12
3	Graphene Quantum Dots-Based Electrochemical Biosensing Platform for Early Detection of Acute Myocardial Infarction. Biosensors, 2022, 12, 77.	4.7	26
4	A spatially efficient "tube-in-tube" hybrid for durable sulfur electrochemistry. Journal of Materials Chemistry A, 2022, 10, 5460-5469.	10.3	5
5	Stimuli-sensitive drug delivery systems for site-specific antibiotic release. Drug Discovery Today, 2022, 27, 1698-1705.	6.4	20
6	Graphene supported Pt-Ni bimetallic nanoparticles for efficient hydrogen generation from KBH ₄ /NH ₃ BH ₃ hydrolysis. International Journal of Hydrogen Energy, 2022, 47, 11601-11610.	7.1	11
7	Kinetically Accelerated Lithium Storage in High-Entropy (LiMgCoNiCuZn)O Enabled By Oxygen Vacancies. Small, 2022, 18, e2200524.	10.0	37
8	In situ synthesized Fe ₂ O ₃ /BCN heterojunction for promoting photocatalytic CO ₂ reduction performance. Journal of Colloid and Interface Science, 2022, 621, 311-320.	9.4	15
9	Low-Temperature, Efficient Synthesis of Highly Crystalline Urchin-like Tantalum Diboride Nanoflowers. Materials, 2022, 15, 2799.	2.9	2
10	High-aspect-ratio single-crystalline (Hf _{1-x} Zr _x)B ₂ micron-rods: low-temperature, highly-efficient synthesis and oriented growth mechanism. CrystEngComm, 2022, 24, 4399-4407.	2.6	3
11	Cobalt Nanoparticles Decorated "Wire in Tube" Framework as a Multifunctional Sulfur Reservoir. ACS Sustainable Chemistry and Engineering, 2022, 10, 6117-6127.	6.7	5
12	A robust air superhydrophilic/superoleophobic diatomite porous ceramic for high-performance continuous separation of oil-in-water emulsion. Chemosphere, 2022, 303, 134756.	8.2	15
13	A First-Principles Study on the Hydration Behavior of (MgO) _n Clusters and the Effect Mechanism of Anti-Hydration Agents. Materials, 2022, 15, 3521.	2.9	1
14	Novel Graphene-Based Foam Composite As a Highly Reactive Filter Medium for the Efficient Removal of Gemfibrozil from (Waste)Water. Advanced Sustainable Systems, 2022, 6, .	5.3	2
15	Low-temperature synthesis of high-entropy (Hf _{0.2} Ti _{0.2} Mo _{0.2} Ta _{0.2} Nb _{0.2})B ₂ powders combined with theoretical forecast of its elastic and thermal properties. Journal of the American Ceramic Society, 2022, 105, 6370-6383.	3.8	7
16	Histopathological changes and antioxidant responses in common carp (<i>Cyprinus carpio</i>) exposed to copper nanoparticles. Drug and Chemical Toxicology, 2021, 44, 372-379.	2.3	8
17	Preparation and enhanced adsorption properties for CO ₂ and dyes of amino-decorated hierarchical porous BCN aerogels. Journal of the American Ceramic Society, 2021, 104, 1110-1119.	3.8	23
18	Synthesis and high catalytic activity of ISOBAM-104 stabilized Fe colloidal catalysts for hydrogen generation. Catalysis Today, 2021, 374, 20-28.	4.4	11

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19	Enhanced thermal stability of the lepidocrocite-type titanates by intercalation of large alkaline ions. <i>Journal of the American Ceramic Society</i> , 2021, 104, 1501-1512.	3.8	7
20	Mapping the potential of thiolated pluronic based nanomicelles for the safe and targeted delivery of vancomycin against staphylococcal blepharitis. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102220.	3.0	14
21	Investigating the intracellular bactericidal effects of rifampicin loaded S-protected thiomeric chitosan nanocargoes against <i>Mycobacterium tuberculosis</i> . <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102184.	3.0	6
22	Graphene nanocomposites for transdermal biosensing. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1699.	6.1	16
23	Defective Graphitic Carbon Nitride Modified Separators with Efficient Polysulfide Traps and Catalytic Sites for Fast and Reliable Sulfur Electrochemistry. <i>Advanced Functional Materials</i> , 2021, 31, 2010455.	14.9	81
24	Ultrathin mesoporous graphitic carbon nitride nanosheets with functional cyano group decoration and nitrogen-vacancy defects for an efficient selective CO ₂ photoreduction. <i>Nanoscale</i> , 2021, 13, 12634-12641.	5.6	21
25	Performance Evaluation of Porous Graphene as Filter Media for the Removal of Pharmaceutical/Emerging Contaminants from Water and Wastewater. <i>Nanomaterials</i> , 2021, 11, 79.	4.1	28
26	Formation of liquid-phase isolation layer on the corroded interface of MgO/Al ₂ O ₃ -SiC refractory and molten steel: Role of SiC. <i>Journal of the American Ceramic Society</i> , 2021, 104, 2366-2377.	3.8	20
27	Synthesis of monophase two-dimensional Si ₃ N ₄ nanoplatelets via an ionothermal route. <i>International Journal of Applied Ceramic Technology</i> , 2021, 18, 1183-1191.	2.1	1
28	High Temperature Ceramic Materials. <i>Materials</i> , 2021, 14, 2031.	2.9	4
29	A Hyaluronic Acid Functionalized Self-Nano-Emulsifying Drug Delivery System (SNEDDS) for Enhancement in Ciprofloxacin Targeted Delivery against Intracellular Infection. <i>Nanomaterials</i> , 2021, 11, 1086.	4.1	44
30	Research Progress on Photocatalytic Reduction of Cr(VI) in Polluted Water. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1142-1155.	3.2	45
31	Papain decorated multi-functional polymeric micelles for the targeted intracellular delivery of paclitaxel. <i>Polymers for Advanced Technologies</i> , 2021, 32, 3180-3193.	3.2	5
32	Enhanced Diffusion Kinetics of Li Ions in Double-Shell Hollow Carbon Fibers. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 24604-24614.	8.0	20
33	Development of poly-L-lysine multi-functionalized muco-penetrating self-emulsifying drug delivery system (SEDDS) for improved solubilization and targeted delivery of ciprofloxacin against intracellular <i>Salmonella typhi</i> . <i>Journal of Molecular Liquids</i> , 2021, 333, 115972.	4.9	19
34	Mitochondria-targeted graphene for advanced cancer therapeutics. <i>Acta Biomaterialia</i> , 2021, 129, 43-56.	8.3	33
35	Formation of ferrosipinel layer at the corroded interface between Al ₂ O ₃ -spinel refractory and molten steel in RH refining ladle. <i>Journal of the American Ceramic Society</i> , 2021, 104, 6044-6053.	3.8	15
36	One-Pot Synthesis of Alumina-Titanium Diboride Composite Powder at Low Temperature. <i>Materials</i> , 2021, 14, 4742.	2.9	2

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37	Low temperature-rapid preparation of HfB ₂ /SiC powders by microwave/molten salt assisted boro/carbothermal reduction. Journal of the Ceramic Society of Japan, 2021, 129, 528-534.	1.1	10
38	Synergistic Activation for Synthesis of Sulfur and Oxygen Co-doped Porous Carbons and Their Application for Dye Adsorption and Supercapacitor. ChemistrySelect, 2021, 6, 7346-7353.	1.5	6
39	Development of reduced graphene oxide from biowaste as an electrode material for vanadium redox flow battery. Journal of Energy Storage, 2021, 41, 102848.	8.1	34
40	Mitochondria-targeted nanoparticles (mitoNANO): An emerging therapeutic shortcut for cancer. Biomaterials and Biosystems, 2021, 3, 100023.	2.2	22
41	Crossing the blood-brain barrier with graphene nanostructures. Materials Today, 2021, 51, 393-401.	14.2	22
42	Joule-heatable bird-nest-bioinspired/carbon nanotubes-modified sepiolite porous ceramics: An efficient, sturdy, and continuous strategy for oil recovery. Journal of Hazardous Materials, 2021, 417, 125979.	12.4	24
43	Research Progress on Coating Structure of Silicon Anode Materials for Lithium-Ion Batteries. ChemSusChem, 2021, 14, 5135-5160.	6.8	38
44	Design of Mannose-Coated Rifampicin nanoparticles modulating the immune response and Rifampicin induced hepatotoxicity with improved oral drug delivery. Arabian Journal of Chemistry, 2021, 14, 103321.	4.9	23
45	Role of precursor microstructure in the development of graphene quantum dots from biomass. Journal of Environmental Chemical Engineering, 2021, 9, 106154.	6.7	15
46	Graphene quantum dot-based electrochemical biosensing for early cancer detection. Current Opinion in Electrochemistry, 2021, 30, 100786.	4.8	33
47	High-yield production of carbon nanotubes from waste polyethylene and fabrication of graphene-carbon nanotube aerogels with excellent adsorption capacity. Journal of Materials Science and Technology, 2021, 94, 90-98.	10.7	28
48	Ultra-porous Co foam supported FeCoP electrode for high efficiency hydrogen evolution reaction. Nanotechnology, 2021, 32, 024001.	2.6	4
49	Porous Graphene Composite Polymer Fibres. Polymers, 2021, 13, 76.	4.5	10
50	Aptamer biosensing based on metal enhanced fluorescence platform: A promising diagnostic tool. Applied Physics Reviews, 2021, 8, .	11.3	15
51	A Multifunctional Polymeric Micelle for Targeted Delivery of Paclitaxel by the Inhibition of the P-Glycoprotein Transporters. Nanomaterials, 2021, 11, 2858.	4.1	21
52	Drug Release Kinetics of DOX-Loaded Graphene-Based Nanocarriers for Ovarian and Breast Cancer Therapeutics. Applied Sciences (Switzerland), 2021, 11, 11151.	2.5	7
53	Determination of inclusion depth in ex vivo animal tissues using surface enhanced deep Raman spectroscopy. Journal of Biophotonics, 2020, 13, e201960092.	2.3	22
54	ISOBAM-stabilized Ni ²⁺ colloidal catalysts: high catalytic activities for hydrogen generation from hydrolysis of KBH ₄ . Nanotechnology, 2020, 31, 134003.	2.6	12

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55	Low-Temperature Molten Salt Synthesis and the Characterisation of Submicron-Sized Al ₈ B ₄ C ₇ Powder. <i>Materials</i> , 2020, 13, 70.	2.9	5
56	Preparation of porous ceramics with waste zeolites as raw material. <i>Advances in Applied Ceramics</i> , 2020, 119, 448-455.	1.1	2
57	Multivalent nanomedicines to treat COVID-19: A slow train coming. <i>Nano Today</i> , 2020, 35, 100962.	11.9	34
58	Engineering 2D Materials: A Viable Pathway for Improved Electrochemical Energy Storage. <i>Advanced Energy Materials</i> , 2020, 10, 2002621.	19.5	45
59	Preparation and Photocatalytic Performance for Degradation of Rhodamine B of AgPt/Bi ₄ Ti ₃ O ₁₂ Composites. <i>Nanomaterials</i> , 2020, 10, 2206.	4.1	12
60	Rapid and label-free detection of COVID-19 using coherent anti-Stokes Raman scattering microscopy. <i>MRS Communications</i> , 2020, 10, 566-572.	1.8	13
61	Effects of Sodium Hexametaphosphate Addition on the Dispersion and Hydration of Pure Calcium Aluminate Cement. <i>Materials</i> , 2020, 13, 5229.	2.9	11
62	Electrochemical Energy Storage: Defect Engineering of 2D Materials for Electrochemical Energy Storage (Adv. Mater. Interfaces 15/2020). <i>Advanced Materials Interfaces</i> , 2020, 7, 2070087.	3.7	2
63	Catalytic Preparation of Carbon Nanotubes from Waste Polyethylene Using FeNi Bimetallic Nanocatalyst. <i>Nanomaterials</i> , 2020, 10, 1517.	4.1	11
64	High yield synthesis of graphene quantum dots from biomass waste as a highly selective probe for Fe ³⁺ sensing. <i>Scientific Reports</i> , 2020, 10, 21262.	3.3	107
65	Nanostructured porous graphene for efficient removal of emerging contaminants (pharmaceuticals) from water. <i>Chemical Engineering Journal</i> , 2020, 398, 125440.	12.7	102
66	Defect Engineering of 2D Materials for Electrochemical Energy Storage. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000494.	3.7	19
67	Smart Gold Nanostructures for Light Mediated Cancer Theranostics: Combining Optical Diagnostics with Photothermal Therapy. <i>Advanced Science</i> , 2020, 7, 1903441.	11.2	117
68	Microstructure and antibacterial efficacy of graphene oxide nanocomposite fibres. <i>Journal of Colloid and Interface Science</i> , 2020, 571, 239-252.	9.4	67
69	Freeze-drying preparation of porous diatomite ceramics with high porosity and low thermal conductivity. <i>Advances in Applied Ceramics</i> , 2020, 119, 195-203.	1.1	6
70	Engineered 2D Transition Metal Dichalcogenides—A Vision of Viable Hydrogen Evolution Reaction Catalysis. <i>Advanced Energy Materials</i> , 2020, 10, 1903870.	19.5	169
71	Low Temperature Synthesis of Phase Pure MoAlB Powder in Molten NaCl. <i>Materials</i> , 2020, 13, 785.	2.9	19
72	Degradation mechanism of Cr ₂ O ₃ –Al ₂ O ₃ –ZrO ₂ refractories in a coal–water slurry gasifier: Role of stress cracks. <i>Journal of the American Ceramic Society</i> , 2020, 103, 3299-3310.	3.8	26

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73	Colloidal Co single-atom catalyst: a facile synthesis strategy and high catalytic activity for hydrogen generation. <i>Green Chemistry</i> , 2020, 22, 1269-1274.	9.0	15
74	Plasmonic Nanoassemblies: Tentacles Beat Satellites for Boosting Broadband NIR Plasmon Coupling Providing a Novel Candidate for SERS and Photothermal Therapy. <i>Small</i> , 2020, 16, e1906780.	10.0	35
75	One-step synthesis of dandelion-like lanthanum titanate nanostructures for enhanced photocatalytic performance. <i>NPG Asia Materials</i> , 2020, 12, .	7.9	33
76	Hydrogen Evolution Reaction: Engineered 2D Transition Metal Dichalcogenidesâ€”A Vision of Viable Hydrogen Evolution Reaction Catalysis (<i>Adv. Energy Mater.</i> 16/2020). <i>Advanced Energy Materials</i> , 2020, 10, 2070074.	19.5	7
77	Molten salt synthesis of carbon-doped boron nitride nanosheets with enhanced adsorption performance. <i>Nanotechnology</i> , 2020, 31, 505606.	2.6	21
78	Low-temperature preparation of high-performance porous ceramics composed of anorthite platelets. <i>Journal of the American Ceramic Society</i> , 2020, 103, 5365-5373.	3.8	24
79	Highly-efficient preparation of anisotropic ZrB ₂ -SiC powders and dense ceramics with outstanding mechanical properties. <i>Journal of the American Ceramic Society</i> , 2019, 102, 2426-2439.	3.8	21
80	Synthesis of Hierarchical Porous Carbon in Molten Salt and Its Application for Dye Adsorption. <i>Nanomaterials</i> , 2019, 9, 1098.	4.1	17
81	Novel Au@SiO ₂ @WO ₃ Core-Shell Composite Nanoparticles for Surface-Enhanced Raman Spectroscopy with Potential Application in Cancer Cell Imaging. <i>Advanced Functional Materials</i> , 2019, 29, 1903549.	14.9	26
82	Micro-Nano Carbon Structures with Platelet, Glassy and Tube-Like Morphologies. <i>Nanomaterials</i> , 2019, 9, 1242.	4.1	19
83	Spatially Offset and Transmission Raman Spectroscopy for Determination of Depth of Inclusion in Turbid Matrix. <i>Analytical Chemistry</i> , 2019, 91, 8994-9000.	6.5	33
84	Boron nitride nanoscrolls: Structure, synthesis, and applications. <i>Applied Physics Reviews</i> , 2019, 6, .	11.3	18
85	Pore Architectures and Mechanical Properties of Porous Î±-SiAlON Ceramics Fabricated via Unidirectional Freeze Casting Based on Camphene-Templating. <i>Materials</i> , 2019, 12, 687.	2.9	4
86	Graphene Oxide-Based Targeting of Extracellular Cathepsin D and Cathepsin L As A Novel Anti-Metastatic Enzyme Cancer Therapy. <i>Cancers</i> , 2019, 11, 319.	3.7	36
87	Recent progress in the synthesis and applications of 2D metal nanosheets. <i>Nanotechnology</i> , 2019, 30, 222001.	2.6	19
88	Mesoporous Ce ₂ Zr ₂ O ₇ /PbS Nanocomposite with an Excellent Supercapacitor Electrode Performance and Cyclic Stability. <i>ChemistrySelect</i> , 2019, 4, 655-661.	1.5	17
89	Catalytic Preparation of Si ₃ N ₄ -Bonded SiC Refractories and Their High-Temperature Properties. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 348-356.	2.2	11
90	Facile molten salt synthesis of atomically thin boron nitride nanosheets and their co-catalytic effect on the performance of carbon nitride photocatalyst. <i>Journal of Colloid and Interface Science</i> , 2019, 536, 664-672.	9.4	38

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91	Molten salt synthesis of hierarchical porous N-doped carbon submicrospheres for multifunctional applications: High performance supercapacitor, dye removal and CO ₂ capture. Carbon, 2019, 141, 739-747.	10.3	91
92	Fabrication of graphitic carbon spheres and their application in Al ₂ O ₃ -SiC refractory castables. International Journal of Applied Ceramic Technology, 2018, 15, 1166-1181.	2.1	17
93	Preparation and characterisation of closed-pore Al ₂ O ₃ -MgAl ₂ O ₄ refractory aggregate utilising superplasticity. Advances in Applied Ceramics, 2018, 117, 182-188.	1.1	10
94	Assessment of copper nanoparticles (Cu-NPs) and copper (II) oxide (CuO) induced hemato- and hepatotoxicity in <i>Cyprinus carpio</i> . Nanotechnology, 2018, 29, 144003.	2.6	18
95	A facile synthesis of porous graphene for efficient water and wastewater treatment. Scientific Reports, 2018, 8, 1817.	3.3	137
96	Ce-Doped bundled ultrafine diameter tungsten oxide nanowires with enhanced electrochromic performance. Nanoscale, 2018, 10, 4718-4726.	5.6	34
97	Microwave-assisted hydrothermal synthesis of cobalt phosphide nanostructures for advanced supercapacitor electrodes. CrystEngComm, 2018, 20, 2413-2420.	2.6	30
98	Low-temperature catalytic synthesis of SiC nanopowder from liquid phenolic resin and diatomite. Advances in Applied Ceramics, 2018, 117, 147-154.	1.1	6
99	Developing the next generation of graphene-based platforms for cancer therapeutics: The potential role of reactive oxygen species. Redox Biology, 2018, 15, 34-40.	9.0	144
100	Preparation of Rh/Ag bimetallic nanoparticles as effective catalyst for hydrogen generation from hydrolysis of KBH ₄ . Nanotechnology, 2018, 29, 044002.	2.6	15
101	Highly Efficient and Low-Temperature Preparation of Plate-Like ZrB ₂ -SiC Powders by a Molten-Salt and Microwave-Modified Boro/Carbothermal Reduction Method. Materials, 2018, 11, 1811.	2.9	8
102	Synthesis of hierarchically porous mullite ceramics with improved thermal insulation via foam-gelcasting combined with pore former addition. Advances in Applied Ceramics, 2018, 117, 493-499.	1.1	22
103	Preparation of ZrB ₂ -SiC Powders via Carbothermal Reduction of Zircon and Prediction of Product Composition by Back-Propagation Artificial Neural Network. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 1062-1069.	1.0	1
104	Graphene-based materials: The missing piece in nanomedicine?. Biochemical and Biophysical Research Communications, 2018, 504, 686-689.	2.1	30
105	Facile synthesis of 1.3 nm monodispersed Ag nanoclusters in an aqueous solution and their antibacterial activities for E. coli. RSC Advances, 2018, 8, 30207-30214.	3.6	3
106	Investigation into the toxic effects of graphene nanopores on lung cancer cells and biological tissues. Applied Materials Today, 2018, 12, 389-401.	4.3	58
107	Lotus-Seedpod-Bioinspired 3D Superhydrophobic Diatomite Porous Ceramics Comodified by Graphene and Carbon Nanobelts. ACS Applied Materials & Interfaces, 2018, 10, 27416-27423.	8.0	24
108	Synthesis of Carbon Nanotube Arrays with High Aspect Ratio via Ni-Catalyzed Pyrolysis of Waste Polyethylene. Nanomaterials, 2018, 8, 556.	4.1	18

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109	Enhanced nitridation of silicon powders using in-situ formed $\text{La}_{2/3}\text{O}_3$ nanoparticles as catalysts. Journal of the Ceramic Society of Japan, 2018, 126, 510-515.	1.1	3
110	Investigating the bioavailability of graphene quantum dots in lung tissues via Fourier transform infrared spectroscopy. Interface Focus, 2018, 8, 20170054.	3.0	26
111	Preparation of Hierarchically Porous Graphitic Carbon Spheres and Their Applications in Supercapacitors and Dye Adsorption. Nanomaterials, 2018, 8, 625.	4.1	13
112	Biocompatibility and toxicity of graphene quantum dots for potential application in photodynamic therapy. Nanomedicine, 2018, 13, 1923-1937.	3.3	150
113	Influence of luminescent graphene quantum dots on trypsin activity. International Journal of Nanomedicine, 2018, Volume 13, 1525-1538.	6.7	20
114	Molten salt synthesis of tetragonal carbon nitride hollow tubes and their application for removal of pollutants from wastewater. Applied Catalysis B: Environmental, 2018, 225, 307-313.	20.2	148
115	Low-temperature preparation of titanium diboride fine powder via magnesiothermic reduction in molten salt. Journal of the American Ceramic Society, 2017, 100, 2266-2272.	3.8	32
116	Growth of well-developed LaOCl microplates by chloride salt-assisted method. CrystEngComm, 2017, 19, 2971-2976.	2.6	18
117	<i>In vitro</i> toxic effects of reduced graphene oxide nanosheets on lung cancer cells. Nanotechnology, 2017, 28, 504001.	2.6	66
118	Preparation of Cr_2O_3 nanoparticles via surfactants-modified precipitation method and their catalytic effect on nitridation of silicon powders. Journal of the Ceramic Society of Japan, 2017, 125, 623-627.	1.1	6
119	Low-temperature synthesis of calcium hexaboride nanoparticles via magnesiothermic reduction in molten salt. Journal of the Ceramic Society of Japan, 2017, 125, 866-871.	1.1	3
120	Tracing the Bioavailability of Three-Dimensional Graphene Foam in Biological Tissues. Materials, 2017, 10, 336.	2.9	23
121	Low temperature synthesis of LiSi_2N_3 nanobelts via molten salt nitridation and their photoluminescence properties. RSC Advances, 2016, 6, 68615-68618.	3.6	17
122	Morphology controlling method for amorphous silica nanoparticles and jellyfish-like nanowires and their luminescence properties. Scientific Reports, 2016, 6, 22459.	3.3	21
123	Low-temperature Rapid Synthesis of Rod-Like ZrB_2 Powders by Molten-Salt and Microwave Co-Assisted Carbothermal Reduction. Journal of the American Ceramic Society, 2016, 99, 2895-2898.	3.8	45
124	Sulfur-Depleted Monolayered Molybdenum Disulfide Nanocrystals for Superelectrochemical Hydrogen Evolution Reaction. ACS Nano, 2016, 10, 8929-8937.	14.6	140
125	Preparation of CaZrO_3 powders by a microwave-assisted molten salt method. Journal of the Ceramic Society of Japan, 2016, 124, 593-596.	1.1	15
126	Formation of tunable graphene oxide coating with high adhesion. Physical Chemistry Chemical Physics, 2016, 18, 5086-5090.	2.8	24

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127	Novel synthesis of ultra-long single crystalline β -SiC nanofibers with strong blue/green luminescent properties. <i>Ceramics International</i> , 2016, 42, 4600-4606.	4.8	28
128	Preparation of SiC/SiO ₂ core-shell nanowires via molten salt mediated carbothermal reduction route. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 80, 19-24.	2.7	22
129	Novel, low-cost solid-liquid-solid process for the synthesis of β -Si ₃ N ₄ nanowires at lower temperatures and their luminescence properties. <i>Scientific Reports</i> , 2015, 5, 17250.	3.3	20
130	A Family of High-Efficiency Hydrogen-Generation Catalysts Based on Ammonium Species. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9328-9332.	13.8	55
131	Simple growth of BCNO@C core shell fibres and luminescent BCNO tubes. <i>CrystEngComm</i> , 2015, 17, 1491-1495.	2.6	10
132	Low temperature synthesis of ZrS ₂ nanoflakes and their catalytic activity. <i>RSC Advances</i> , 2015, 5, 66082-66085.	3.6	24
133	Facile synthesis of hexagonal boron nitride nanoplates via molten-salt-mediated magnesiothermic reduction. <i>Ceramics International</i> , 2015, 41, 14941-14948.	4.8	35
134	Effects of Carbon Content and Grain Orientation on the Crack Growth Behaviour in Magnesia-carbon Refractory Bricks. <i>ISIJ International</i> , 2014, 54, 2221-2229.	1.4	6
135	Si ₃ N ₄ -SiCp Composites Reinforced by In Situ Co-Catalyzed Generated Si ₃ N ₄ Nanofibers. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-6.	2.7	9
136	Preparation and Catalytic Activity of Poly(N-vinyl-2-pyrrolidone)-Protected Au Nanoparticles for the Aerobic Oxidation of Glucose. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 5743-5751.	0.9	8
137	Novel Synthesis Method and Characterization of Porous Calcium Hexaaluminate Ceramics. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2702-2704.	3.8	13
138	Preparation, Microstructure, and Mechanical Properties of Spinel-Corundum-Sialon Composite Materials from Waste Fly Ash and Aluminum Dross. <i>Advances in Materials Science and Engineering</i> , 2014, 2014, 1-10.	1.8	6
139	Novel Synthesis of ZrB ₂ Powder via Molten Salt Mediated Magnesiothermic Reduction. <i>Journal of the American Ceramic Society</i> , 2014, 97, 1686-1688.	3.8	55
140	Surface Energy Engineering in the Solvothermal Deoxidation of Graphene Oxide. <i>Advanced Materials Interfaces</i> , 2014, 1, 1300078.	3.7	30
141	Novel calcium hexaluminate/spinel-alumina composites with graded microstructures and mechanical properties. <i>Scientific Reports</i> , 2014, 4, 4333.	3.3	23
142	Microstructure and rheological properties of titanium carbide-coated carbon black particles synthesised from molten salt. <i>Journal of Materials Science</i> , 2013, 48, 6269-6275.	3.7	17
143	Fe-catalyzed growth of one-dimensional β -Si ₃ N ₄ nanostructures and their cathodoluminescence properties. <i>Scientific Reports</i> , 2013, 3, 3504.	3.3	60
144	Effective solvothermal deoxidization of graphene oxide using solid sulphur as a reducing agent. <i>Journal of Materials Chemistry</i> , 2012, 22, 14385.	6.7	40

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145	Creating high yield water soluble luminescent graphene quantum dots via exfoliating and disintegrating carbon nanotubes and graphite flakes. <i>Chemical Communications</i> , 2012, 48, 10177.	4.1	383
146	Molten Salt Synthesis and Characterization of Titanium Carbide-Coated Graphite Flakes for Refractory Castable Applications. <i>International Journal of Applied Ceramic Technology</i> , 2011, 8, 911-919.	2.1	34
147	Low-Temperature Synthesis of CaZrO ₃ Powder from Molten Salts. <i>Journal of the American Ceramic Society</i> , 2007, 90, 364-368.	3.8	68