

Tanveer A Tabish

List of Publications by Year in descending order

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147
papers

4,534
citations

136950

32
h-index

144013

57
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155
all docs

155
docs citations

155
times ranked

5682
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Engineered 2D Transition Metal Dichalcogenides—A Vision of Viable Hydrogen Evolution Reaction Catalysis. <i>Advanced Energy Materials</i> , 2020, 10, 1903870.	19.5	169
3	Biocompatibility and toxicity of graphene quantum dots for potential application in photodynamic therapy. <i>Nanomedicine</i> , 2018, 13, 1923-1937.	3.3	150
4	Molten salt synthesis of tetragonal carbon nitride hollow tubes and their application for removal of pollutants from wastewater. <i>Applied Catalysis B: Environmental</i> , 2018, 225, 307-313.	20.2	148
5	Developing the next generation of graphene-based platforms for cancer therapeutics: The potential role of reactive oxygen species. <i>Redox Biology</i> , 2018, 15, 34-40.	9.0	144
6	Sulfur-Depleted Monolayered Molybdenum Disulfide Nanocrystals for Superelectrochemical Hydrogen Evolution Reaction. <i>ACS Nano</i> , 2016, 10, 8929-8937.	14.6	140
7	A facile synthesis of porous graphene for efficient water and wastewater treatment. <i>Scientific Reports</i> , 2018, 8, 1817.	3.3	137
8	Smart Gold Nanostructures for Light Mediated Cancer Theranostics: Combining Optical Diagnostics with Photothermal Therapy. <i>Advanced Science</i> , 2020, 7, 1903441.	11.2	117
9	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
10	Nanostructured porous graphene for efficient removal of emerging contaminants (pharmaceuticals) from water. <i>Chemical Engineering Journal</i> , 2020, 398, 125440.	12.7	102
11	Molten salt synthesis of hierarchical porous N-doped carbon microspheres for multifunctional applications: High performance supercapacitor, dye removal and CO ₂ capture. <i>Carbon</i> , 2019, 141, 739-747.	10.3	91
12	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
13	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
14	Microstructure and antibacterial efficacy of graphene oxide nanocomposite fibres. <i>Journal of Colloid and Interface Science</i> , 2020, 571, 239-252.	9.4	67
15	<i>In vitro</i> toxic effects of reduced graphene oxide nanosheets on lung cancer cells. <i>Nanotechnology</i> , 2017, 28, 504001.	2.6	66
16	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
17	Investigation into the toxic effects of graphene nanopores on lung cancer cells and biological tissues. <i>Applied Materials Today</i> , 2018, 12, 389-401.	4.3	58
18	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

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19	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
20	Low-Temperature Rapid Synthesis of Rod-Like ZrB ₂ Powders by Molten-Salt and Microwave Co-Assisted Carbothermal Reduction. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2895-2898.	3.8	45
21	Engineering 2D Materials: A Viable Pathway for Improved Electrochemical Energy Storage. <i>Advanced Energy Materials</i> , 2020, 10, 2002621.	19.5	45
22	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
23	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
24	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
25	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
26	Research Progress on Coating Structure of Silicon Anode Materials for Lithium-Ion Batteries. <i>ChemSusChem</i> , 2021, 14, 5135-5160.	6.8	38
27	Kinetically Accelerated Lithium Storage in High-Entropy (LiMgCoNiCuZn)O Enabled By Oxygen Vacancies. <i>Small</i> , 2022, 18, e2200524.	10.0	37
28	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
29	Facile synthesis of hexagonal boron nitride nanoplates via molten-salt-mediated magnesiothermic reduction. <i>Ceramics International</i> , 2015, 41, 14941-14948.	4.8	35
30	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
31	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
32	Ce-Doped bundled ultrafine diameter tungsten oxide nanowires with enhanced electrochromic performance. <i>Nanoscale</i> , 2018, 10, 4718-4726.	5.6	34
33	Multivalent nanomedicines to treat COVID-19: A slow train coming. <i>Nano Today</i> , 2020, 35, 100962.	11.9	34
34	Development of reduced graphene oxide from biowaste as an electrode material for vanadium redox flow battery. <i>Journal of Energy Storage</i> , 2021, 41, 102848.	8.1	34
35	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
36	One-step synthesis of dandelion-like lanthanum titanate nanostructures for enhanced photocatalytic performance. <i>NPG Asia Materials</i> , 2020, 12, .	7.9	33

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37	Mitochondria-targeted graphene for advanced cancer therapeutics. <i>Acta Biomaterialia</i> , 2021, 129, 43-56.	8.3	33
38	Graphene quantum dot-based electrochemical biosensing for early cancer detection. <i>Current Opinion in Electrochemistry</i> , 2021, 30, 100786.	4.8	33
39	Low-temperature preparation of titanium diboride fine powder via magnesiothermic reduction in molten salt. <i>Journal of the American Ceramic Society</i> , 2017, 100, 2266-2272.	3.8	32
40	Surface Energy Engineering in the Solvothermal Deoxidation of Graphene Oxide. <i>Advanced Materials Interfaces</i> , 2014, 1, 1300078.	3.7	30
41	Microwave-assisted hydrothermal synthesis of cobalt phosphide nanostructures for advanced supercapacitor electrodes. <i>CrystEngComm</i> , 2018, 20, 2413-2420.	2.6	30
42	Graphene-based materials: The missing piece in nanomedicine?. <i>Biochemical and Biophysical Research Communications</i> , 2018, 504, 686-689.	2.1	30
43	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
44	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
45	High-yield production of carbon nanotubes from waste polyethylene and fabrication of graphene-carbon nanotube aerogels with excellent adsorption capacity. <i>Journal of Materials Science and Technology</i> , 2021, 94, 90-98.	10.7	28
46	Investigating the bioavailability of graphene quantum dots in lung tissues via Fourier transform infrared spectroscopy. <i>Interface Focus</i> , 2018, 8, 20170054.	3.0	26
47	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
48	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
49	Graphene Quantum Dots-Based Electrochemical Biosensing Platform for Early Detection of Acute Myocardial Infarction. <i>Biosensors</i> , 2022, 12, 77.	4.7	26
50	Low temperature synthesis of ZrS ₂ nanoflakes and their catalytic activity. <i>RSC Advances</i> , 2015, 5, 66082-66085.	3.6	24
51	Formation of tunable graphene oxide coating with high adhesion. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 5086-5090.	2.8	24
52	Lotus-Seedpod-Bioinspired 3D Superhydrophobic Diatomite Porous Ceramics Comodified by Graphene and Carbon Nanobelts. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 27416-27423.	8.0	24
53	Joule-heatable bird-nest-bioinspired/carbon nanotubes-modified sepiolite porous ceramics: An efficient, sturdy, and continuous strategy for oil recovery. <i>Journal of Hazardous Materials</i> , 2021, 417, 125979.	12.4	24
54	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

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55	Novel calcium hexaluminate/spinel-alumina composites with graded microstructures and mechanical properties. <i>Scientific Reports</i> , 2014, 4, 4333.	3.3	23
56	Tracing the Bioavailability of Three-Dimensional Graphene Foam in Biological Tissues. <i>Materials</i> , 2017, 10, 336.	2.9	23
57	Preparation and enhanced adsorption properties for CO ₂ and dyes of amino-decorated hierarchical porous BCN aerogels. <i>Journal of the American Ceramic Society</i> , 2021, 104, 1110-1119.	3.8	23
58	Design of Mannose-Coated Rifampicin nanoparticles modulating the immune response and Rifampicin induced hepatotoxicity with improved oral drug delivery. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103321.	4.9	23
59	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
60	Synthesis of hierarchically porous mullite ceramics with improved thermal insulation via foam-gelcasting combined with pore former addition. <i>Advances in Applied Ceramics</i> , 2018, 117, 493-499.	1.1	22
61	Determination of inclusion depth in ex vivo animal tissues using surface enhanced deep Raman spectroscopy. <i>Journal of Biophotonics</i> , 2020, 13, e201960092.	2.3	22
62	Mitochondria-targeted nanoparticles (mitoNANO): An emerging therapeutic shortcut for cancer. <i>Biomaterials and Biosystems</i> , 2021, 3, 100023.	2.2	22
63	Crossing the blood-brain barrier with graphene nanostructures. <i>Materials Today</i> , 2021, 51, 393-401.	14.2	22
64	Morphology controlling method for amorphous silica nanoparticles and jellyfish-like nanowires and their luminescence properties. <i>Scientific Reports</i> , 2016, 6, 22459.	3.3	21
65	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
66	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
67	Molten salt synthesis of carbon-doped boron nitride nanosheets with enhanced adsorption performance. <i>Nanotechnology</i> , 2020, 31, 505606.	2.6	21
68	A Multifunctional Polymeric Micelle for Targeted Delivery of Paclitaxel by the Inhibition of the P-Glycoprotein Transporters. <i>Nanomaterials</i> , 2021, 11, 2858.	4.1	21
69	Novel, low-cost solid-liquid-solid process for the synthesis of Si ₃ N ₄ nanowires at lower temperatures and their luminescence properties. <i>Scientific Reports</i> , 2015, 5, 17250.	3.3	20
70	Influence of luminescent graphene quantum dots on trypsin activity. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1525-1538.	6.7	20
71	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
72	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

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73	Stimuli-sensitive drug delivery systems for site-specific antibiotic release. <i>Drug Discovery Today</i> , 2022, 27, 1698-1705.	6.4	20
74	Micro-Nano Carbon Structures with Platelet, Glassy and Tube-Like Morphologies. <i>Nanomaterials</i> , 2019, 9, 1242.	4.1	19
75	Recent progress in the synthesis and applications of 2D metal nanosheets. <i>Nanotechnology</i> , 2019, 30, 222001.	2.6	19
76	Defect Engineering of 2D Materials for Electrochemical Energy Storage. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000494.	3.7	19
77	Low Temperature Synthesis of Phase Pure MoAlB Powder in Molten NaCl. <i>Materials</i> , 2020, 13, 785.	2.9	19
78	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
79	Growth of well-developed LaOCl microplates by chloride salt-assisted method. <i>CrystEngComm</i> , 2017, 19, 2971-2976.	2.6	18
80	Assessment of copper nanoparticles (Cu-NPs) and copper (II) oxide (CuO) induced hemato- and hepatotoxicity in <i>Cyprinus carpio</i> . <i>Nanotechnology</i> , 2018, 29, 144003.	2.6	18
81	Synthesis of Carbon Nanotube Arrays with High Aspect Ratio via Ni-Catalyzed Pyrolysis of Waste Polyethylene. <i>Nanomaterials</i> , 2018, 8, 556.	4.1	18
82	Boron nitride nanoscrolls: Structure, synthesis, and applications. <i>Applied Physics Reviews</i> , 2019, 6, .	11.3	18
83	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
84	Low temperature synthesis of LiSi ₂ N ₃ nanobelts via molten salt nitridation and their photoluminescence properties. <i>RSC Advances</i> , 2016, 6, 68615-68618.	3.6	17
85	Fabrication of graphitic carbon spheres and their application in Al ₂ O ₃ â€”SiCâ€”refractory castables. <i>International Journal of Applied Ceramic Technology</i> , 2018, 15, 1166-1181.	2.1	17
86	Synthesis of Hierarchical Porous Carbon in Molten Salt and Its Application for Dye Adsorption. <i>Nanomaterials</i> , 2019, 9, 1098.	4.1	17
87	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
88	Graphene nanocomposites for transdermal biosensing. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1699.	6.1	16
89	Preparation of CaZrO ₃ powders by a microwave–assisted molten salt method. <i>Journal of the Ceramic Society of Japan</i> , 2016, 124, 593-596.	1.1	15
90	Preparation of Rh/Ag bimetallic nanoparticles as effective catalyst for hydrogen generation from hydrolysis of KBH ₄ . <i>Nanotechnology</i> , 2018, 29, 044002.	2.6	15

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91	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
92	Formation of ferros spinel 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
93	Role of precursor microstructure in the development of graphene quantum dots from biomass. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106154.	6.7	15
94	Aptamer biosensing based on metal enhanced fluorescence platform: A promising diagnostic tool. <i>Applied Physics Reviews</i> , 2021, 8, .	11.3	15
95	In situ synthesized γ -Fe ₂ O ₃ /BCN heterojunction for promoting photocatalytic CO ₂ reduction performance. <i>Journal of Colloid and Interface Science</i> , 2022, 621, 311-320.	9.4	15
96	A robust air superhydrophilic/superoleophobic diatomite porous ceramic for high-performance continuous separation of oil-in-water emulsion. <i>Chemosphere</i> , 2022, 303, 134756.	8.2	15
97	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
98	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
99	Preparation of Hierarchically Porous Graphitic Carbon Spheres and Their Applications in Supercapacitors and Dye Adsorption. <i>Nanomaterials</i> , 2018, 8, 625.	4.1	13
100	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
101	ISOBAM-stabilized Ni ²⁺ colloidal catalysts: high catalytic activities for hydrogen generation from hydrolysis of KBH ₄ . <i>Nanotechnology</i> , 2020, 31, 134003.	2.6	12
102	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
103	Rational design of ultrahigh porosity Co foam supported flower-like FeNiP-LDH electrocatalysts towards hydrogen evolution reaction. <i>Catalysis Today</i> , 2022, 400-401, 6-13.	4.4	12
104	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
105	Effects of Sodium Hexametaphosphate Addition on the Dispersion and Hydration of Pure Calcium Aluminate Cement. <i>Materials</i> , 2020, 13, 5229.	2.9	11
106	Catalytic Preparation of Carbon Nanotubes from Waste Polyethylene Using FeNi Bimetallic Nanocatalyst. <i>Nanomaterials</i> , 2020, 10, 1517.	4.1	11
107	Synthesis and high catalytic activity of ISOBAM-104 stabilized Fe colloidal catalysts for hydrogen generation. <i>Catalysis Today</i> , 2021, 374, 20-28.	4.4	11
108	Graphene supported Pt-Ni bimetallic nanoparticles for efficient hydrogen generation from KBH ₄ /NH ₃ BH ₃ hydrolysis. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 11601-11610.	7.1	11

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109	Simple growth of BCNO@C core shell fibres and luminescent BCNO tubes. CrystEngComm, 2015, 17, 1491-1495.	2.6	10
110	Preparation and characterisation of closed-pore $\text{Al}_2\text{O}_3\text{-MgAl}_2\text{O}_4$ refractory aggregate utilising superplasticity. Advances in Applied Ceramics, 2018, 117, 182-188.	1.1	10
111	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
112	Porous Graphene Composite Polymer Fibres. Polymers, 2021, 13, 76.	4.5	10
113	Si ₃ N ₄ -SiC Composites Reinforced by In Situ Co-Catalyzed Generated Si ₃ N ₄ Nanofibers. Journal of Nanomaterials, 2014, 2014, 1-6.	2.7	9
114	Preparation and Catalytic Activity of Poly(N-vinyl-2-pyrrolidone)-Protected Au Nanoparticles for the Aerobic Oxidation of Glucose. Journal of Nanoscience and Nanotechnology, 2014, 14, 5743-5751.	0.9	8
115	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
116	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
117	Hydrogen Evolution Reaction: Engineered 2D Transition Metal Dichalcogenides—A Vision of Viable Hydrogen Evolution Reaction Catalysis (Adv. Energy Mater. 16/2020). Advanced Energy Materials, 2020, 10, 2070074.	19.5	7
118	Enhanced thermal stability of the lepidocrocite-type titanates by intercalation of large alkaline ions. Journal of the American Ceramic Society, 2021, 104, 1501-1512.	3.8	7
119	Drug Release Kinetics of DOX-Loaded Graphene-Based Nanocarriers for Ovarian and Breast Cancer Therapeutics. Applied Sciences (Switzerland), 2021, 11, 11151.	2.5	7
120	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
121	Effects of Carbon Content and Grain Orientation on the Crack Growth Behaviour in Magnesia-carbon Refractory Bricks. ISIJ International, 2014, 54, 2221-2229.	1.4	6
122	Preparation, Microstructure, and Mechanical Properties of Spinel-Corundum-Sialon Composite Materials from Waste Fly Ash and Aluminum Dross. Advances in Materials Science and Engineering, 2014, 2014, 1-10.	1.8	6
123	Preparation of Cr ₂ O 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
124	Low-temperature catalytic synthesis of SiC nanopowder from liquid phenolic resin and diatomite. Advances in Applied Ceramics, 2018, 117, 147-154.	1.1	6
125	Freeze-drying preparation of porous diatomite ceramics with high porosity and low thermal conductivity. Advances in Applied Ceramics, 2020, 119, 195-203.	1.1	6
126	Investigating the intracellular bactericidal effects of rifampicin loaded S-protected thiomeric chitosan nanocargoes against Mycobacterium tuberculosis. Journal of Drug Delivery Science and Technology, 2021, 61, 102184.	3.0	6

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127	Synergistic Activation for Synthesis of Sulfur and Oxygen Co-doped Porous Carbons and Their Application for Dye Adsorption and Supercapacitor. <i>ChemistrySelect</i> , 2021, 6, 7346-7353.	1.5	6
128	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
129	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
130	Preparation of SiC coated graphite flake with much improved performance via a molten salt shielded method. <i>International Journal of Applied Ceramic Technology</i> , 2022, 19, 1529-1539.	2.1	5
131	A spatially efficient tube-in-tube hybrid for durable sulfur electrochemistry. <i>Journal of Materials Chemistry A</i> , 2022, 10, 5460-5469.	10.3	5
132	Cobalt Nanoparticles Decorated Wire in Tube Framework as a Multifunctional Sulfur Reservoir. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 6117-6127.	6.7	5
133	Pore Architectures and Mechanical Properties of Porous Si-AlON Ceramics Fabricated via Unidirectional Freeze Casting Based on Camphene-Templating. <i>Materials</i> , 2019, 12, 687.	2.9	4
134	High Temperature Ceramic Materials. <i>Materials</i> , 2021, 14, 2031.	2.9	4
135	Ultra-porous Co foam supported FeCoP electrode for high efficiency hydrogen evolution reaction. <i>Nanotechnology</i> , 2021, 32, 024001.	2.6	4
136	Low-temperature synthesis of calcium hexaboride nanoparticles via magnesiothermic reduction in molten salt. <i>Journal of the Ceramic Society of Japan</i> , 2017, 125, 866-871.	1.1	3
137	Facile synthesis of 1.3 nm monodispersed Ag nanoclusters in an aqueous solution and their antibacterial activities for E. coli. <i>RSC Advances</i> , 2018, 8, 30207-30214.	3.6	3
138	Enhanced nitridation of silicon powders using in-situ formed La ₂ O ₃ nanoparticles as catalysts. <i>Journal of the Ceramic Society of Japan</i> , 2018, 126, 510-515.	1.1	3
139	High-aspect-ratio single-crystalline (Hf _x Zr _(1-x))B ₂ micron-rods: low-temperature, highly-efficient synthesis and oriented growth mechanism. <i>CrystEngComm</i> , 2022, 24, 4399-4407.	2.6	3
140	Preparation of porous ceramics with waste zeolites as raw material. <i>Advances in Applied Ceramics</i> , 2020, 119, 448-455.	1.1	2
141	Electrochemical Energy Storage: Defect Engineering of 2D Materials for Electrochemical Energy Storage (<i>Adv. Mater. Interfaces</i> 15/2020). <i>Advanced Materials Interfaces</i> , 2020, 7, 2070087.	3.7	2
142	One-Pot Synthesis of Alumina-Titanium Diboride Composite Powder at Low Temperature. <i>Materials</i> , 2021, 14, 4742.	2.9	2
143	Low-Temperature, Efficient Synthesis of Highly Crystalline Urchin-like Tantalum Diboride Nanoflowers. <i>Materials</i> , 2022, 15, 2799.	2.9	2
144	Novel Graphene-Based Foam Composite As a Highly Reactive Filter Medium for the Efficient Removal of Gemfibrozil from (Waste)Water. <i>Advanced Sustainable Systems</i> , 2022, 6, .	5.3	2

#	ARTICLE	IF	CITATIONS
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