

Minghao Fang

List of Publications by Year in descending order

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192
papers

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94269

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Nickel Quantum Dots Anchored in Biomass-Derived Nitrogen-Doped Carbon as Bifunctional Electrocatalysts for Overall Water Splitting. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	7
2	Hierarchical fibrous honeycomb ceramics with high load capability and low light-off temperature for the next-generation auto emissions standards. <i>Chemistry - A European Journal</i> , 2022, , .	1.7	0
3	Effects of Preparation and Activation Manner on Surface Area of Hierarchical Porous Carbons Derived from Nut (<i>Euryale ferox</i>) Shell. <i>ChemistrySelect</i> , 2022, 7, .	0.7	0
4	Improvement of luminescence performance of single-phase white-emitting $\text{Na}_3\text{Gd}(\text{PO}_4)_2:\text{Dy}^{3+}$ phosphor by co-doping with Eu^{3+} . <i>Polyhedron</i> , 2022, 222, 115860.	1.0	10
5	Preparation and Characterization of Flexible Smart Glycol/Polyvinylpyrrolidone/Nano-Al ₂ O ₃ Phase Change Fibers. <i>Energy & Fuels</i> , 2021, 35, 877-882.	2.5	14
6	An Efficient Environmentally Friendly Composite Material Based on Carbonized Biological Cellulose/Paraffin: Thermal and Sustainable Properties Analysis. <i>ChemistrySelect</i> , 2020, 5, 12051-12056.	0.7	5
7	Thermally Conductive and Shape-Stabilized Polyethylene Glycol/Carbon Foam Phase-Change Composites for Thermal Energy Storage. <i>ChemistrySelect</i> , 2020, 5, 3217-3224.	0.7	14
8	Large-scale blow spinning of heat-resistant nanofibrous air filters. <i>Nano Research</i> , 2020, 13, 861-867.	5.8	41
9	Multiple Energy Transfer in Luminescence-Tunable Single-Phased Phosphor $\text{NaGdTiO}_4:\text{Tm}^{3+}, \text{Dy}^{3+}, \text{Sm}^{3+}$. <i>Nanomaterials</i> , 2020, 10, 1249.	1.9	10
10	Yellow Emission Obtained by Combination of Broadband Emission and Multi-Peak Emission in Garnet Structure $\text{Na}_2\text{YMg}_2\text{V}_3\text{O}_{12}:\text{Dy}^{3+}$ Phosphor. <i>Molecules</i> , 2020, 25, 542.	1.7	9
11	Valent control and spectral tuning by cation site engineering strategy in Eu doped $\text{Sr}^{1-x}\text{Ba}_x\text{Al}_2\text{Si}_2\text{O}_8$ phosphor. <i>Journal of Alloys and Compounds</i> , 2019, 806, 529-536.	2.8	17
12	Efficient Adsorption of the Cd(II) and As(V) Using Novel Adsorbent Ferrihydrite/Manganese Dioxide Composites. <i>ACS Omega</i> , 2019, 4, 18627-18636.	1.6	18
13	In situ synthesis of adsorptive $\text{Ti}_2\text{Bi}_2\text{O}_3/\text{BiOBr}$ photocatalyst with enhanced degradation efficiency. <i>Journal of Materials Research</i> , 2019, 34, 3450-3461.	1.2	12
14	Facile synthesis of $\text{Ti}_3\text{Si}_4\text{N}_4$ nanoneedles and their photoluminescence properties. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 2373-2379.	1.1	2
15	Synthesis, structural, and luminescence properties of $\text{BiOCl}:\text{Dy}^{3+}$ single-component white-light-emitting phosphor for n-UV w-LEDs. <i>Chemical Physics Letters</i> , 2019, 727, 72-77.	1.2	17
16	Growth mechanism and synchronous synthesis of 1D $\text{Ti}_2\text{Si}_3\text{N}_4$ -sialon nanostructures and $\text{Ti}_2\text{Si}_3\text{N}_4$ composite powders by a process of reduction nitridation. <i>Materials Research Express</i> , 2019, 6, 065054.	0.8	14
17	Synthesis and Luminescence Properties of a Novel Green-Yellow-Emitting Phosphor $\text{BiOCl}:\text{Pr}^{3+}$ for Blue-Light-Based w-LEDs. <i>Molecules</i> , 2019, 24, 1296.	1.7	7
18	Direct Blow Spinning of Flexible and Transparent Ag Nanofiber Heater. <i>Advanced Materials Technologies</i> , 2019, 4, 1900045.	3.0	18

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19	Dependence of crystal structure on mechanical and thermophysical properties of magnetoplumbite-type $\text{LnMgAl}_{11}\text{O}_{19}$ ceramics with substitution of Ln^{3+} ions. International Journal of Applied Ceramic Technology, 2019, 16, 1596-1605.	1.1	5
20	Molten salt synthesis, growth mechanism, and photoluminescence of rod chlorapatite microcrystallites. CrystEngComm, 2019, 21, 1809-1817.	1.3	15
21	Assembly of SiC Nanowires film and humidity sensing performance. International Journal of Applied Ceramic Technology, 2019, 16, 1193-1199.	1.1	4
22	Tunable photoluminescence of apatite phosphor $\text{Ca}_{5.95}\text{Sr}_x\text{La}_{4-x}(\text{SiO}_4)_2(\text{PO}_4)_4$ and its application in light-emitting diodes. Journal of the American Ceramic Society, 2019, 102, 4226-4235.	1.9	8
23	Crystal structure tailoring and luminescence tuning of $\text{Sr}^{1-x}\text{Ba}_x\text{Al}_2\text{Si}_2\text{O}_8:\text{Eu}^{2+}$ phosphors for white-light-emitting diodes. Journal of Alloys and Compounds, 2019, 776, 554-559.	2.8	21
24	Preparation and performance of shape-stable phase change materials based on carbonized-abandoned orange peel and paraffin. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 289-298.	1.0	11
25	High-temperature Particulate Matter Filtration with Resilient Yttria-stabilized ZrO_2 Nanofiber Sponge. Small, 2018, 14, e1800258.	5.2	87
26	Novel humic acid-based carbon materials: adsorption thermodynamics and kinetics for cadmium(II) ions. Colloid and Polymer Science, 2018, 296, 537-546.	1.0	4
27	Preparation and photoluminescence properties of red-emitting phosphor $\text{ZnAl}_2\text{O}_4:\text{Eu}^{3+}$ with an intense $^5\text{D}_0 \rightarrow ^7\text{F}_2$ transition. Materials Research Express, 2018, 5, 025501.	0.8	11
28	Novel pyrochlore-type $\text{La}_2\text{Zr}_2\text{O}_7:\text{Eu}^{3+}$ red phosphors: Synthesis, structural, luminescence properties and theoretical calculation. Dyes and Pigments, 2018, 157, 47-54.	2.0	77
29	Preparation of carbon-coated Fe_3O_4 porous particles and their adsorption properties of iron (III) ion. Water Science and Technology: Water Supply, 2018, 18, 306-317.	1.0	4
30	Ultralight and resilient Al_2O_3 nanotube aerogels with low thermal conductivity. Journal of the American Ceramic Society, 2018, 101, 1677-1683.	1.9	61
31	Preparation of Al_2O_3 - SiC composite powder from kyanite tailings via carbothermal reduction process. Advances in Applied Ceramics, 2018, 117, 9-15.	0.6	20
32	Luminescence properties of emission tunable single-phased phosphor $\text{La}_7\text{O}_6(\text{BO}_3)(\text{PO}_4)_2:\text{Ce}^{3+}, \text{Tb}^{3+}, \text{Eu}^{3+}$. Materials Research Bulletin, 2018, 97, 506-511.	2.7	15
33	Large scale synthesis of Si_3N_4 nanowires through a kinetically favored chemical vapour deposition process. Physica E: Low-Dimensional Systems and Nanostructures, 2018, 95, 132-138.	1.3	14
34	Preparation of High-Quality Porous Calcium Hexa-Aluminate Ceramics using Salt as Both Reaction Medium and Pore-Former. InterCeram: International Ceramic Review, 2018, 67, 50-57.	0.2	4
35	Processing and electrochemical properties of CNT reinforced carbon nanofibers prepared by pressurized gyration. Journal of Materials Research, 2018, 33, 4251-4260.	1.2	2
36	Uranium Extraction: Significantly Enhanced Uranium Extraction from Seawater with Mass Produced Fully Amidoximated Nanofiber Adsorbent (Adv. Energy Mater. 33/2018). Advanced Energy Materials, 2018, 8, 1870143.	10.2	3

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37	Significantly Enhanced Uranium Extraction from Seawater with Mass Produced Fully Amidoximated Nanofiber Adsorbent. <i>Advanced Energy Materials</i> , 2018, 8, 1802607.	10.2	219
38	Synthesis and photoluminescence properties of novel thermally robust Na ₃ GdP ₂ O ₈ : Re ³⁺ (Re ³⁺ =Sm, Dy) phosphors. <i>Chemical Physics Letters</i> , 2018, 710, 84-89.	1.2	32
39	Direct-white-emitting phosphor SrAl ₂ O ₄ : Eu ^{2+/3+} with colour-tunable photoluminescence by variation of europium activator valence. <i>Materials Research Express</i> , 2018, 5, 096202.	0.8	12
40	Red-Shifted Emission in Y ₃ MgSiAl ₃ O ₁₂ :Ce ³⁺ Garnet Phosphor for Blue Light-Pumped White Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2018, 122, 15659-15665.	1.5	93
41	Carbothermal/aluminothermic reduction nitridation synthesis of ZrNâ€“SiAlON refractory composites from zircon and bauxite: a comparative study of the reduction effect of reducers. <i>Advances in Applied Ceramics</i> , 2017, 116, 151-157.	0.6	2
42	â€œType Nitrides LnAl(Si ₄ Al _x)N ₇ O ₁ with Unusual [Al ₆] Octahedral Coordination. <i>Angewandte Chemie</i> , 2017, 129, 3944-3949.	1.6	0
43	â€œType Nitrides LnAl(Si ₄ Al _x)N ₇ O ₁ with Unusual [Al ₆] Octahedral Coordination. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3886-3891.	7.2	1
44	Continuous Draw Spinning of Extra-Long Silver Submicron Fibers with Micrometer Patterning Capability. <i>Nano Letters</i> , 2017, 17, 1883-1891.	4.5	45
45	Crystal structure and luminescence properties of a single-component white-emitting phosphor Ca ₈ ZnLa(PO ₄) ₇ :Eu ²⁺ , Mn ²⁺ . <i>Journal of the American Ceramic Society</i> , 2017, 100, 3050-3060.		
46	Ultralight, scalable, and high-temperatureâ€“resilient ceramic nanofiber sponges. <i>Science Advances</i> , 2017, 3, e1603170.	4.7	207
47	A facile fabrication method for ultrathin NiO/Ni nanosheets as a high-performance electrocatalyst for the oxygen evolution reaction. <i>RSC Advances</i> , 2017, 7, 18539-18544.	1.7	11
48	Photoluminescence properties and application of yellow Ca _{0.65} Si ₁₀ Al ₂ O ₇ N _{15.3} :xEu ²⁺ phosphors for white LEDs. <i>Solid State Sciences</i> , 2017, 64, 84-90.	1.5	8
49	Energy transfer and thermal stability of Ce ³⁺ , Tb ³⁺ co-doped Ca ₃ Si ₂ O ₄ N ₂ phosphors for white light-emitting diodes. <i>Chemical Physics Letters</i> , 2017, 690, 31-37.	1.2	27
50	Growth, structure, and luminescence properties of novel silica nanowires and interconnected nanorings. <i>Scientific Reports</i> , 2017, 7, 10482.	1.6	9
51	Fabrication and abrasive wear behavior of ZrO ₂ -SiC-Al ₂ O ₃ ceramic. <i>Ceramics International</i> , 2017, 43, 15060-15067.	2.3	15
52	Surface graphited carbon scaffold enables simple and scalable fabrication of 3D composite lithium metal anode. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19168-19174.	5.2	55
53	Luminescence properties and energy transfer behavior of colour-tunable white-emitting Sr ₄ Al ₁₄ O ₂₅ phosphors with co-doping of Eu ²⁺ , Eu ³⁺ and Mn ⁴⁺ . <i>RSC Advances</i> , 2017, 7, 52995-53001.	1.7	25
54	Color tunable Ba _{0.79} Al _{10.9} O _{17.14} :xEu phosphor prepared in air via valence state control. <i>Journal of Advanced Ceramics</i> , 2017, 6, 81-89.	8.9	11

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55	Crystal structure and luminescence property of a novel single-phase white light emission phosphor $\text{KCaBi}(\text{PO}_4)_2:\text{Dy}^{3+}$. <i>Materials Research Bulletin</i> , 2017, 86, 146-152.	2.7	35
56	Discovery of novel solid solution $\text{Ca}_3\text{Si}_3\text{O}_{3+x}\text{N}_4\text{O}_2\text{Eu}^{2+}$ phosphors: structural evolution and photoluminescence tuning. <i>Scientific Reports</i> , 2017, 7, 18103.	1.6	19
57	$\text{A}_{3-x}\text{N}_4/\text{Bi}_2\text{WO}_6$ organic-inorganic hybrid photocatalyst with a high visible-light-driven photocatalytic activity. <i>Journal of Materials Research</i> , 2016, 31, 713-720.	1.2	23
58	Morphology controlling method for amorphous silica nanoparticles and jellyfish-like nanowires and their luminescence properties. <i>Scientific Reports</i> , 2016, 6, 22459.	1.6	21
59	$\text{Ca}_6\text{La}_4(\text{SiO}_4)_2(\text{PO}_4)_4\text{O}_2:\text{Eu}^{2+}$ a novel apatite green-emitting phosphor for near-ultraviolet excited w-LEDs. <i>Journal of Materials Chemistry C</i> , 2016, 4, 4675-4683.	2.7	71
60	Controllable synthesis of Titania-Supported Bismuth Oxyiodide Heterostructured Nanofibers with Highly Exposed (100) Bismuth Oxyiodide Facets for Enhanced Photocatalytic Activity. <i>ChemCatChem</i> , 2016, 8, 3780-3789.	1.8	25
61	2D Metals: 2D Metals by Repeated Size Reduction (Adv. Mater. 37/2016). <i>Advanced Materials</i> , 2016, 28, 8169-8169.	11.1	1
62	Preparation and thermal properties of phase change materials based on paraffin with expanded graphite and carbon foams prepared from sucroses. <i>RSC Advances</i> , 2016, 6, 95085-95091.	1.7	18
63	Fabrication of Si_3N_4 nanowire membranes: free standing disordered nanopapers and aligned nanowire assemblies. <i>Materials Research Express</i> , 2016, 3, 085020.	0.8	10
64	Highly Flexible Indium Tin Oxide Nanofiber Transparent Electrodes by Blow Spinning. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32661-32666.	4.0	40
65	Novel method of ordering silver nanowires for synthesizing flexible films and their conductivity. <i>Materials Research Express</i> , 2016, 3, 115022.	0.8	4
66	Energy transfer mechanism and color-tunable luminescence properties of Eu^{3+} -doped $\text{BaMg}_2\text{V}_2\text{O}_8$ vanadate phosphors. <i>Chemical Physics Letters</i> , 2016, 662, 86-90.	1.2	26
67	2D Metals by Repeated Size Reduction. <i>Advanced Materials</i> , 2016, 28, 8170-8176.	11.1	68
68	Effect of different Bi/Ti molar ratios on visible-light photocatalytic activity of BiOI/TiO_2 heterostructured nanofibers. <i>Ceramics International</i> , 2016, 42, 15780-15786.	2.3	32
69	Preparation of Si_3N_4 Form Diatomite via a Carbothermal Reduction-Nitridation Process. <i>Jom</i> , 2016, 68, 1456-1464.	0.9	1
70	Novel carbon-incorporated porous ZnFe_2O_4 nanospheres for enhanced photocatalytic hydrogen generation under visible light irradiation. <i>RSC Advances</i> , 2016, 6, 56069-56076.	1.7	33
71	Mechanical Properties and Solid Particle Erosion Behavior of $\text{LaMgAl}_{11}\text{O}_{19}$ - Al_2O_3 Ceramic at Room and Elevated Temperatures. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2138-2146.	1.9	13
72	Influence of cation substitution on the crystal structure and luminescent properties in apatite structural $\text{Ba}_{4.97}\text{Sr}(\text{PO}_4)_3\text{Cl}:0.03\text{Eu}^{2+}$ phosphors. <i>Chemical Physics Letters</i> , 2016, 658, 248-253.	1.2	9

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73	Crystal structure evolution and luminescence properties of color tunable solid solution phosphors $\text{Ca}_{2+x}\text{La}_{8-x}(\text{SiO}_4)_x(\text{PO}_4)_{6-x}\text{O}_2$:Eu ²⁺ . Dalton Transactions, 2016, 45, 1007-1015.		
74	Preparation and thermal properties of shape-stabilized composite phase change materials based on polyethylene glycol and porous carbon prepared from potato. RSC Advances, 2016, 6, 15821-15830.	1.7	85
75	Synthesis of I^2 -SiC nanowires via a facile CVD method and their photoluminescence properties. RSC Advances, 2016, 6, 24267-24272.	1.7	26
76	Luminescence and energy transfer of a color tunable phosphor: Tb^{3+} and Eu^{3+} co-doped ScPO_4 . RSC Advances, 2016, 6, 28887-28894.	1.7	42
77	Study of erosion wear behavior of MgO stabilized ZrO ₂ ceramics due to solid particles impact at elevated temperature. Journal of the Ceramic Society of Japan, 2015, 123, 933-936.	0.5	2
78	Novel, low-cost solid-liquid-solid process for the synthesis of I^2 -Si ₃ N ₄ nanowires at lower temperatures and their luminescence properties. Scientific Reports, 2015, 5, 17250.	1.6	20
79	Phase Transformation in $\text{Ca}_3(\text{PO}_4)_2$:Eu ²⁺ via the Controlled Quenching and Increased Eu ²⁺ Content: Identification of New Cyan-emitting I^2 - $\text{Ca}_3(\text{PO}_4)_2$:Eu ²⁺ Phosphor. Journal of the American Ceramic Society, 2015, 98, 3280-3284.	1.9	103
80	Discovery of New Solid Solution Phosphors via Cation Substitution-Dependent Phase Transition in $\text{M}_3(\text{PO}_4)_2$:Eu ²⁺ (M = Ca/Sr/Ba) Quasi-Binary Sets. Journal of Physical Chemistry C, 2015, 119, 2038-2045.	1.5	187
81	Structural and luminescence properties of red-emitting CsMgPO_4 :Eu ²⁺ phosphors for near-UV-pumped light emitting diodes. RSC Advances, 2015, 5, 9933-9938.	1.7	19
82	A facile strategy for fabricating hierarchically mesoporous Co_3O_4 urchins and bundles and their application in Li-ion batteries with high electrochemical performance. RSC Advances, 2015, 5, 24486-24493.	1.7	17
83	Electrospun mullite fibers from the sol-gel precursor. Journal of Sol-Gel Science and Technology, 2015, 74, 208-219.	1.1	31
84	Abrasive wear behavior of SiC-Sialon composite refractories. Ceramics International, 2015, 41, 9146-9151.	2.3	7
85	Synthesis, structure analysis and magnetic properties of $\text{Ca}_2\text{TiMnO}_6$ oxides. Ceramics International, 2015, 41, 14184-14189.	2.3	3
86	Fabrication of morphology-controlled MgO nanowhiskers and nanocrosses by magnesiothermic synthesis in vapor phase at 550 °C. RSC Advances, 2015, 5, 62747-62751.	1.7	3
87	Preparation and growth mechanism of I^2 -SiC nanowires by using a simplified thermal evaporation method. Journal of Crystal Growth, 2015, 419, 20-24.	0.7	23
88	Effect of temperature on solid particle impact erosion wear mechanism of 5mol% Ytria Stabilized Zirconia ceramics. Ceramics International, 2015, 41, 6807-6811.	2.3	15
89	Tunable $\text{SrAl}_2\text{Si}_2\text{O}_8$:Eu phosphor prepared in air via valence state-controlled means. Optical Materials, 2015, 42, 80-86.	1.7	35
90	Cyan-emitting LiBaBO_3 :Eu ²⁺ phosphor: Crystal structure and luminescence property comparison with LiSrBO_3 :Eu ²⁺ . Chemical Physics Letters, 2015, 628, 21-24.	1.2	18

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91	Emission red shift and energy transfer behavior of color-tunable $\text{KMg}_4(\text{PO}_4)_3:\text{Eu}^{2+}, \text{Mn}^{2+}$ phosphors. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5516-5523.	2.7	59
92	Crystal structure and Temperature-Dependent Luminescence Characteristics of $\text{KMg}_4(\text{PO}_4)_3:\text{Eu}^{2+}$ phosphor for White Light-emitting diodes. <i>Scientific Reports</i> , 2015, 5, 9673.	1.6	109
93	$\text{Fe}(\text{NO}_3)_3$ -assisted large-scale synthesis of Si_3N_4 nanobelts from quartz and graphite by carbothermal reduction-nitridation and their photoluminescence properties. <i>Scientific Reports</i> , 2015, 5, 8998.	1.6	30
94	Synthesis of Er-doped Bi_2WO_6 and enhancement in photocatalytic activity induced by visible light. <i>RSC Advances</i> , 2015, 5, 94887-94894.	1.7	45
95	The Influence of Platelet-Like $\text{LaMgAl}_{11}\text{O}_{19}$ on the Toughness of 3 mol% Ytria Partially Stabilized Zirconia Ceramic. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, 176-183.	1.1	18
96	Synthesis of Sialon-SiC Composites from Kyanite Tailings by Carbothermal Reduction Nitridation. <i>Jom</i> , 2015, 67, 1379-1384.	0.9	12
97	Synthesis and photoluminescence properties of novel $\text{BiBa}_2\text{V}_3\text{O}_{11}$: A ($\text{A}=\text{Sm}^{3+}, \text{Eu}^{3+}$) phosphors. <i>Optical Materials</i> , 2015, 49, 266-270.	1.7	24
98	Photocatalytic Property of TiO_2 -Vermiculite Composite Nanofibers via Electrospinning. <i>Nanoscale Research Letters</i> , 2015, 10, 977.	3.1	17
99	Preparation, crystal structure and up-conversion luminescence of $\text{Er}^{3+}, \text{Yb}^{3+}$ co-doped $\text{Gd}_2(\text{WO}_4)_3$. <i>RSC Advances</i> , 2015, 5, 73077-73082.	1.7	20
100	Phase behavior analysis of MgO -C refractory at high temperature: Influence of Si powder additives. <i>Ceramics International</i> , 2015, 41, 5186-5190.	2.3	18
101	Synthesis and optical properties of Pr^{3+} -doped $\text{LaMgAl}_{11}\text{O}_{19}$: A novel blue converting yellow phosphor for white light emitting diodes. <i>Ceramics International</i> , 2015, 41, 4238-4242.	2.3	29
102	Growth mechanism and PL properties of $\hat{\text{I}}^2$ -sialon nanobelts/nanowires synthesized by a process of aluminothermic reduction nitridation of zircon. <i>CrystEngComm</i> , 2015, 17, 1591-1596.	1.3	7
103	Luminescence Properties and Energy Transfer Behavior of a Novel and Color-Tunable $\text{LaMgAl}_{11}\text{O}_{19}:\text{Tm}^{3+}, \text{Dy}^{3+}$ Phosphor for White Light-Emitting Diodes. <i>Journal of the American Ceramic Society</i> , 2015, 98, 788-794.	1.9	43
104	Influence of $\text{LaMgAl}_{11}\text{O}_{19}$ On Solid Particle Impact Erosion Wear Behavior of 3-YSZ Ceramic at Elevated Temperatures. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, 805-810.	1.1	2
105	Effects of Atmospheric Powder on Dielectric, Piezoelectric, and Ferroelectric Properties of $\text{NaSr}_2\text{Nb}_5\text{O}_{15}$ Ceramics. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, E134.	1.1	6
106	A novel green phosphor $\text{LaMgAl}_{11}\text{O}_{19}:\text{Ho}^{3+}$ for near-UV/blue light-pumped white light-emitting diodes. <i>Chemical Physics Letters</i> , 2015, 618, 182-185.	1.2	9
107	Preparation, microstructure, and compressive strength of carbon foams derived from sucrose and kaolinite. <i>Journal of Materials Research</i> , 2014, 29, 1018-1025.	1.2	13
108	Effect of Silicon Addition on High-Temperature Solid Particle Erosion-Wear Behaviour of Mullite-SiC Composite Refractories Prepared by Nitrating Reactive. <i>Advances in Materials Science and Engineering</i> , 2014, 2014, 1-8.	1.0	1

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109	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.	1.5	9
110	Giant dielectric tunability properties of Sr and Sb co-doped La ₂ NiMnO ₆ ceramics induced by extrinsic contribution. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 1207-1212.	0.8	12
111	Novel Synthesis Method and Characterization of Porous Calcium Hexaaluminate Ceramics. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2702-2704.	1.9	13
112	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.	1.0	6
113	Fe-Sialon-Ti(C,N) composites from carbothermal reduction-nitridation of low-priced minerals and their application in taphole clay refractories. <i>Ceramics International</i> , 2014, 40, 9709-9714.	2.3	5
114	Fabrication and liquid-solid, two-phase erosion wear behaviour of \hat{I}^2 -Sialon ceramic from pyrophyllite by carbothermal reduction and nitridation. <i>Ceramics International</i> , 2014, 40, 10737-10741.	2.3	10
115	Controlled synthesis of porous FeCO ₃ microspheres and the conversion to \hat{I}^{\pm} -Fe ₂ O ₃ with unconventional morphology. <i>Ceramics International</i> , 2014, 40, 11975-11983.	2.3	14
116	Preparation and blast furnace slag corrosion behavior of SiC-Sialon-ZrN free-fired refractories. <i>Ceramics International</i> , 2014, 40, 9763-9773.	2.3	10
117	Study on the slag corrosion resistance of unfired Al ₂ O ₃ -SiC/ \hat{I}^2 -Sialon/Ti(C, N)-C refractories. <i>Ceramics International</i> , 2014, 40, 1593-1598.	2.3	29
118	Preparation, characterisation, and electrical properties of (K _{0.5} Na _{0.5})NbO ₃ lead-free piezoelectric ceramics. <i>Journal of Electroceramics</i> , 2014, 32, 255-259.	0.8	3
119	Powder synthesis and properties of LiTaO ₃ ceramics. <i>Advanced Powder Technology</i> , 2014, 25, 933-936.	2.0	27
120	Synthesis of Si ₃ N ₄ powder with tunable \hat{I}^{\pm} -Si ₃ N ₄ content from waste silica fume using carbothermal reduction nitridation. <i>Powder Technology</i> , 2014, 252, 51-55.	2.1	31
121	Effect of Al ₂ O ₃ addition on properties of non-sintered SiC-Si ₃ N ₄ composite refractory materials. <i>International Journal of Refractory Metals and Hard Materials</i> , 2014, 46, 6-11.	1.7	23
122	New Yellow-Emitting Whitlockite-type Structure Sr _{1.75} Ca _{1.25} (PO ₄) ₂ :Eu ²⁺ Phosphor for Near-UV Pumped White Light-Emitting Devices. <i>Inorganic Chemistry</i> , 2014, 53, 5129-5135.	1.9	258
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