

Fei Li

List of Publications by Year in descending order

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33
papers

1,805
citations

331670

21
h-index

434195

31
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33
times ranked

1234
citing authors

#	ARTICLE	IF	CITATIONS
1	High-entropy pyrochlores with low thermal conductivity for thermal barrier coating materials. <i>Journal of Advanced Ceramics</i> , 2019, 8, 576-582.	17.4	255
2	A high entropy silicide by reactive spark plasma sintering. <i>Journal of Advanced Ceramics</i> , 2019, 8, 148-152.	17.4	195
3	High entropy carbide ceramics from different starting materials. <i>Journal of the European Ceramic Society</i> , 2019, 39, 2989-2994.	5.7	153
4	Graphene with three-dimensional architecture for high performance supercapacitor. <i>Carbon</i> , 2014, 67, 221-229.	10.3	133
5	High-entropy thermal barrier coating of rare-earth zirconate: A case study on (La _{0.2} Nd _{0.2} Sm _{0.2} Eu _{0.2} Gd _{0.2}) ₂ Zr ₂ O ₇ prepared by atmospheric plasma spraying. <i>Journal of the European Ceramic Society</i> , 2020, 40, 5731-5739.	5.7	118
6	Microstructures and mechanical properties of high-entropy (Ti _{0.2} Zr _{0.2} Hf _{0.2} Nb _{0.2} Ta _{0.2})C ceramics with the addition of SiC secondary phase. <i>Journal of the European Ceramic Society</i> , 2020, 40, 1839-1847.	5.7	107
7	Mechanical properties of hot-pressed high-entropy diboride-based ceramics. <i>Journal of Advanced Ceramics</i> , 2020, 9, 503-510.	17.4	104
8	Sol-gel derived porous ultra-high temperature ceramics. <i>Journal of Advanced Ceramics</i> , 2020, 9, 1-16.	17.4	103
9	Preparation and characterization of diboride-based high entropy (Ti _{0.2} Zr _{0.2} Hf _{0.2} Nb _{0.2} Ta _{0.2})B ₂ â€“SiC particulate composites. <i>Ceramics International</i> , 2019, 45, 24508-24514.	4.8	68
10	High-entropy A ₂ B ₂ O ₇ -type oxide ceramics: A potential immobilising matrix for high-level radioactive waste. <i>Journal of Hazardous Materials</i> , 2021, 415, 125596.	12.4	59
11	Preparation of zirconium carbide foam by direct foaming method. <i>Journal of the European Ceramic Society</i> , 2014, 34, 3513-3520.	5.7	51
12	Liquid precursor-derived high-entropy carbide nanopowders. <i>Ceramics International</i> , 2019, 45, 22437-22441.	4.8	51
13	Gradient microstructure development and grain growth inhibition in high-entropy carbide ceramics prepared by reactive spark plasma sintering. <i>Journal of the European Ceramic Society</i> , 2020, 40, 935-941.	5.7	49
14	High-entropy carbide ceramics with refined microstructure and enhanced thermal conductivity by the addition of graphite. <i>Journal of the European Ceramic Society</i> , 2021, 41, 4747-4754.	5.7	45
15	Highly Dual-Heteroatom-Doped Ultrathin Carbon Nanosheets with Expanded Interlayer Distance for Efficient Energy Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 3143-3153.	6.7	38
16	High-entropy silicide ceramics developed from (TiZrNbMoW)Si ₂ formulation doped with aluminum. <i>Journal of the European Ceramic Society</i> , 2020, 40, 2752-2759.	5.7	33
17	Fabrication of zirconium carbide nanofibers by electrospinning. <i>Ceramics International</i> , 2014, 40, 10137-10141.	4.8	31
18	Synthesis of ZrB ₂ nanofibers by carbothermal reduction via electrospinning. <i>Chemical Engineering Journal</i> , 2013, 234, 184-188.	12.7	26

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19	Preparation and characterization of stoichiometric zirconium carbide foams by direct foaming of zirconia sols. <i>Journal of Porous Materials</i> , 2015, 22, 493-500.	2.6	22
20	Syntheses of ZrC/SiC nanopowder via sol-gel method. <i>Ceramics International</i> , 2016, 42, 1345-1351.	4.8	22
21	Preparation of highly porous ZrB ₂ /ZrC/SiC composite monoliths using liquid precursors via direct drying process. <i>Journal of the European Ceramic Society</i> , 2018, 38, 1103-1111.	5.7	22
22	Synthesis of single-phase metal oxycarbonitride ceramics. <i>Scripta Materialia</i> , 2020, 176, 17-22.	5.2	18
23	Scalable foaming assisted synthesis of ZrC nanopowder by carbothermal reduction. <i>Ceramics International</i> , 2015, 41, 3335-3338.	4.8	17
24	Bottom-up synthesis of 2D layered high-entropy transition metal hydroxides. <i>Nanoscale Advances</i> , 2022, 4, 2468-2478.	4.6	17
25	Preparation of ZrC/SiC porous self-supporting monoliths via sol-gel process using polyethylene glycol as phase separation inducer. <i>Journal of the European Ceramic Society</i> , 2018, 38, 4806-4813.	5.7	16
26	In-situ synthesis of porous ZrB ₂ /ZrC/SiC ceramics decorated with SiC whiskers. <i>Ceramics International</i> , 2019, 45, 9313-9315.	4.8	15
27	Enhanced Hardness in Transition-Metal Monocarbides via Optimal Occupancy of Bonding Orbitals. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 14365-14376.	8.0	11
28	Graphite nanoplatelets toughened zirconium carbide ceramics prepared by spark plasma sintering. <i>Ceramics International</i> , 2021, 47, 8461-8467.	4.8	8
29	A thermoset hybrid sol for the syntheses of zirconium carbide-silicon carbide foam via replica method. <i>Journal of Porous Materials</i> , 2019, 26, 409-417.	2.6	7
30	Carbothermal conversion of self-supporting organic/inorganic interpenetrating networks to porous metal boride monoliths. <i>Journal of the American Ceramic Society</i> , 2019, 102, 5746-5762.	3.8	7
31	Useful High-Entropy Source on Spinel Oxides for Gas Detection. <i>Sensors</i> , 2022, 22, 4233.	3.8	4
32	Preparation of Ultra-High Temperature Ceramics-Based Materials by Sol-Gel Routes. , 2017, , .		0
33	Low-temperature synthesis of high-entropy (Mg _{0.2} Co _{0.2} Ni _{0.2} Cu _{0.2} Zn _{0.2})O nanoparticles via polyol process. <i>Open Ceramics</i> , 2022, 9, 100223.	2.0	0