Fei Li

List of Publications by Year
in descending order

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33	1,805	331670 21	434195 31
papers	citations	h-index	g-index

33	33	33	1234
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low-temperature synthesis of high-entropy (Mg0.2Co0.2Ni0.2Cu0.2Zn0.2)O nanoparticles via polyol process. Open Ceramics, 2022, 9, 100223.	2.0	0
2	Bottom-up synthesis of 2D layered high-entropy transition metal hydroxides. Nanoscale Advances, 2022, 4, 2468-2478.	4.6	17
3	Useful High-Entropy Source on Spinel Oxides for Gas Detection. Sensors, 2022, 22, 4233.	3.8	4
4	Graphite nanoplatelets toughened zirconium carbide ceramics prepared by spark plasma sintering. Ceramics International, 2021, 47, 8461-8467.	4.8	8
5	Enhanced Hardness in Transition-Metal Monocarbides via Optimal Occupancy of Bonding Orbitals. ACS Applied Materials & Interfaces, 2021, 13, 14365-14376.	8.0	11
6	High-entropy A2B2O7-type oxide ceramics: A potential immobilising matrix for high-level radioactive waste. Journal of Hazardous Materials, 2021, 415, 125596.	12.4	59
7	High-entropy carbide ceramics with refined microstructure and enhanced thermal conductivity by the addition of graphite. Journal of the European Ceramic Society, 2021, 41, 4747-4754.	5.7	45
8	Synthesis of single-phase metal oxycarbonitride ceramics. Scripta Materialia, 2020, 176, 17-22.	5.2	18
9	Microstructures and mechanical properties of high-entropy (Ti0.2Zr0.2Hf0.2Nb0.2Ta0.2)C ceramics with the addition of SiC secondary phase. Journal of the European Ceramic Society, 2020, 40, 1839-1847.	5.7	107
10	Gradient microstructure development and grain growth inhibition in high-entropy carbide ceramics prepared by reactive spark plasma sintering. Journal of the European Ceramic Society, 2020, 40, 935-941.	5.7	49
11	High-entropy thermal barrier coating of rare-earth zirconate: A case study on (La0.2Nd0.2Sm0.2Eu0.2Gd0.2)2Zr2O7 prepared by atmospheric plasma spraying. Journal of the European Ceramic Society, 2020, 40, 5731-5739.	5.7	118
12	Mechanical properties of hot-pressed high-entropy diboride-based ceramics. Journal of Advanced Ceramics, 2020, 9, 503-510.	17.4	104
13	Sol-gel derived porous ultra-high temperature ceramics. Journal of Advanced Ceramics, 2020, 9, 1-16.	17.4	103
14	High-entropy silicide ceramics developed from (TiZrNbMoW)Si2 formulation doped with aluminum. Journal of the European Ceramic Society, 2020, 40, 2752-2759.	5.7	33
15	A thermoset hybrid sol for the syntheses of zirconium carbideâ€“silicon carbide foam via replica method. Journal of Porous Materials, 2019, 26, 409-417.	2.6	7
16	High-entropy pyrochlores with low thermal conductivity for thermal barrier coating materials. Journal of Advanced Ceramics, 2019, 8, 576-582.	17.4	255
17	Liquid precursor-derived high-entropy carbide nanopowders. Ceramics International, 2019, 45, 22437-22441.	4.8	51
18	Preparation and characterization of diboride-based high entropy (Ti0.2Zr0.2Hf0.2Nb0.2Ta0.2)B2â€“SiC particulate composites. Ceramics International, 2019, 45, 24508-24514.	4.8	68

#	Article	IF	Citations
19	In-situ synthesis of porous ZrB2/ZrC/SiC ceramics decorated with SiC whiskers. Ceramics International, 2019, 45, 9313-9315.	4.8	15
20	Carbothermal conversion of selfâ€supporting organic/inorganic interpenetrating networks to porous metal boride monoliths. Journal of the American Ceramic Society, 2019, 102, 5746-5762.	3.8	7
21	A high entropy silicide by reactive spark plasma sintering. Journal of Advanced Ceramics, 2019, 8, 148-152.	17.4	195
22	High entropy carbide ceramics from different starting materials. Journal of the European Ceramic Society, 2019, 39, 2989-2994.	5.7	153
23	Highly Dual-Heteroatom-Doped Ultrathin Carbon Nanosheets with Expanded Interlayer Distance for Efficient Energy Storage. ACS Sustainable Chemistry and Engineering, 2018, 6, 3143-3153.	6.7	38
24	Preparation of highly porous ZrB2/ZrC/SiC composite monoliths using liquid precursors via direct drying process. Journal of the European Ceramic Society, 2018, 38, 1103-1111.	5.7	22
25	Preparation of ZrC/SiC porous self-supporting monoliths via sol-gel process using polyethylene glycol as phase separation inducer. Journal of the European Ceramic Society, 2018, 38, 4806-4813.	5.7	16
26	Preparation of Ultra-High Temperature Ceramicsâ€“Based Materials by Sol-Gel Routes. , 2017, , .		0
27	Syntheses of ZrCâ€“SiC nanopowder via solâ€“gel method. Ceramics International, 2016, 42, 1345-1351.	4.8	22
28	Preparation and characterization of stoichiometric zirconium carbide foams by direct foaming of zirconia sols. Journal of Porous Materials, 2015, 22, 493-500.	2.6	22
29	Scalable foaming assisted synthesis of ZrC nanopowder by carbothermal reduction. Ceramics International, 2015, 41, 3335-3338.	4.8	17
30	Fabrication of zirconium carbide nanofibers by electrospinning. Ceramics International, 2014, 40, 10137-10141.	4.8	31
31	Graphene with three-dimensional architecture for high performance supercapacitor. Carbon, 2014, 67, 221-229.	10.3	133
32	Preparation of zirconium carbide foam by direct foaming method. Journal of the European Ceramic Society, 2014, 34, 3513-3520.	5.7	51
33	Synthesis of ZrB2 nanofibers by carbothermal reduction via electrospinning. Chemical Engineering Journal, 2013, 234, 184-188.	12.7	26