Heliu

List of Publications by Year
in descending order

18	180	1307594 7	1125743 13
papers	citations	h-index	g-index

18	18	18	131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Accelerating the crosslinking process of hyperbranched polycarbosilane by UV irradiation. Journal of the European Ceramic Society, 2017, 37, 3263-3270.	5.7	24
2	The influences of carbon nanotubes introduced in three different phases of carbon fiber/pyrolytic carbon/silicon carbide composites on microstructure and properties of their composites. Carbon, 2018, 129, 409-414.	10.3	23
3	Highly effective freeâ€radicalâ€catalyzed curing of hyperbranched polycarbosilane for near stoichiometric SiC ceramics. Journal of the American Ceramic Society, 2019, 102, 1041-1048.	3.8	19
4	Mesoporous Polymer-Derived Ceramic Membranes for Water Purification via a Self-Sacrificed Template. ACS Omega, 2020, 5, 11100-11105.	3.5	19
5	MAX Phase Ceramics/Composites with Complex Shapes. ACS Applied Materials & Interfaces, 2021, 13, 5645-5651.	8.0	19
6	Effects of aluminium content on the molecular structure and properties of polyaluminocarbosilane for SiC fibre fabrication. Ceramics International, 2019, 45, 16380-16386.	4.8	13
7	Effect of ultraviolet irradiation on the cross-linking process and ceramic yield of liquid hyperbranched polycarbosilane. Advances in Applied Ceramics, 2017, 116, 445-451.	1.1	12
8	Poly(cyclosiloxaneâ€“carborane)s for harsh environments. Polymer Chemistry, 2022, 13, 1328-1334.	3.9	8
9	Quantitative structureâ€“property relationships of polyacrylonitrile-based graphite fibers revealed by laser confocal Raman spectroscopy. Spectroscopy Letters, 2018, 51, 89-95.	1.0	7
10	A multiscale hydrothermal carbon layer modified carbon fiber for composite fabrication. RSC Advances, 2018, 8, 23339-23347.	3.6	7
11	Preparation of hollow SiC ceramic fibre from polycarbosilane fibre by diffusion-controlled cross-linking method. Advances in Applied Ceramics, 2020, 119, 166-173.	1.1	7
12	Synthesis of polyaluminocarbosilane with low branched molecular structure using liquid polysilacarbosilane and aluminum acetylacetonate by highâ€pressure method. Applied Organometallic Chemistry, 2019, 33, e4720.	3.5	6
13	Preparation of highly porous SiC via ceramic precursor conversion and evaluation of its thermal insulation performance. Advances in Applied Ceramics, 2020, 119, 398-406.	1.1	6
14	Hydrophobic modification of poly(aryl ether ketone ketone) aerogel via poly(dimethylsiloxane). Journal of Sol-Gel Science and Technology, 2017, 81, 220-225.	2.4	4
15	High-efficiency surfactant prepared from phenolic resin for multi-walled carbon nanotube aqueous suspension. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	2
16	High-Temperature Resistant Polyborosilazanes with Tailored Structures. Polymers, 2021, 13, 467.	4.5	2
17	Rheokinetics and Characteristics of Resulted Gels during Isothermal Gelation Process for Lower Concentrated PAN/DMSO/H2O Solutions. Polymer Science - Series B, 2019, 61, 77-85.	0.8	1
18	Polyaromatic hydrocarbon inner-structured carbon nanodots for interfacial enhancement of carbon fiber composite. RSC Advances, 2020, 10, 411-423.	3.6	1