

Heliu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/683808/publications.pdf>

Version: 2024-02-01

18
papers

180
citations

1307594

7
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

131
citing authors

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