Caihong

List of Publications by Year in descending order

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24 papers	341 citations	840776 11 h-index	839539 18 g-index
24 all docs	24 docs citations	24 times ranked	424 citing authors

#	Article	IF	Citations
1	Borohydride catalyzed redistribution reaction of hydrosilane and chlorosilane: a potential system for facile preparation of hydrochlorosilanes. RSC Advances, 2020, 10, 17404-17407.	3.6	2
2	Aggregation-tuned dual emission of silole derivatives: synthesis, crystal structure, and photophysical properties. New Journal of Chemistry, 2020, 44, 5049-5055.	2.8	7
3	A new SiC precursor with high ceramic yield: Synthesis and characterization of CH_xMeSiH₂â€containing poly(methylsilaneâ€carbosilane). Journal of Applied Polymer Science, 2019, 136, 47618.	2.6	5
4	Synthesis of structured polysiloxazanes via a Piersâ€“Rubinsztajn reaction. Chemical Communications, 2019, 55, 14019-14022.	4.1	14
5	Evaluation of poly(methylsilaneâ€carbosilane) synthesized from methylâ€dichlorosilane and chloromethyldichloromethylsilane as a precursor for SiC. Journal of Applied Polymer Science, 2018, 135, 46610.	2.6	2
6	POSS-based organicâ€“inorganic hybrid nanomaterials: aggregation-enhanced emission, and highly sensitive and selective detection of nitroaromatic explosives in aqueous media. Journal of Materials Chemistry C, 2016, 4, 5578-5583.	5.5	35
7	Novel AIE luminogen containing axially chiral BINOL and tetraphenylsilole. Journal of Organometallic Chemistry, 2016, 801, 96-100.	1.8	9
8	Liquid polycarbosilanes: synthesis and evaluation as precursors for <scp>SiC</scp> ceramic. Polymer International, 2015, 64, 979-985.	3.1	28
9	Dendritic AIE-active luminogens with a POSS core: synthesis, characterization, and application as chemosensors. RSC Advances, 2015, 5, 97224-97230.	3.6	35
10	Pyrolysis kinetics and pathway of polysiloxane conversion to an amorphous SiOC ceramic. Journal of Thermal Analysis and Calorimetry, 2014, 115, 55-62.	3.6	13
11	Synthesis, Photophysical Properties, and Selfâ€Organization of Difurobenzosilole Derivatives. European Journal of Inorganic Chemistry, 2014, 2014, 1880-1885.	2.0	12
12	Synthesis, characterization, and crystal structures of silylated 4,4â€²-diaminodiphenyl sulfone. Journal of Organometallic Chemistry, 2014, 749, 251-254.	1.8	7
13	Simple fabrication of micro/nano-porous SiOC foam from polysiloxane. Journal of Materials Chemistry, 2012, 22, 6542.	6.7	47
14	Synthesis of Functionalized 2,3,4,5-Tetraphenylsilole Derivatives Through Hydrosilylation and Their Crystal Structures. Synthetic Communications, 2012, 42, 2171-2180.	2.1	4
15	The synthesis of SiCON ceramics through precursor method. Journal of Applied Polymer Science, 2012, 126, 853-859.	2.6	2
16	Synthesis and thermal behavior of polymeric precursor for carbonâ€free silicon oxynitride ceramic. Journal of Applied Polymer Science, 2012, 123, 1094-1099.	2.6	3
17	Synthesis and characterization of a new liquid polymer precursor for Siâ€“Bâ€“Câ€“N ceramics. Journal of Materials Science, 2011, 46, 5940-5947.	3.7	46
18	Synthesis, characterization, and properties of novel phenylene-silazane-acetylene polymers. Polymer, 2010, 51, 5970-5976.	3.8	16

#	ARTICLE	IF	CITATIONS
19	Synthesis of Ti₃SiC₂ Phase from Polycarbosilane Precursor. International Journal of Applied Ceramic Technology, 2010, 7, 738-743.	2.1	3
20	Synthesis, characterization, and pyrolysis of ferrocenyl unit containing organosilicon polymers. Journal of Applied Polymer Science, 2010, 118, 3384-3390.	2.6	4
21	Growth mechanism of Ti3SiC2 single crystals by in-situ reaction of polycarbosilane and metal titanium with CaF2 additive. Journal of Crystal Growth, 2008, 310, 3372-3375.	1.5	21
22	Synthesis and phase evolution of Siâ€“Câ€“Ti powder derived from poly(methylsilaacetylene) and Ti. Materials Letters, 2008, 62, 4232-4234.	2.6	4
23	Synthesis of iron-containing polysilazane and its antioxidation effect on silicone oil and rubber. Journal of Applied Polymer Science, 2003, 90, 306-309.	2.6	13
24	Synthesis and pyrolysis of polysilazane precursors containing linear-cyclic structures for Si/N/C-based ceramics. Journal of Applied Polymer Science, 2001, 82, 2827-2831.	2.6	9