Emanuel Ionescu

List of Publications by Year
in descending order

139	4,234	126708	138251
papers	citations	33 h-index	58 g-index

152	152	152	2614
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrically conductive silicon oxycarbide thin films prepared from preceramic polymers. International Journal of Applied Ceramic Technology, 2022, 19, 149-164.	1.1	12
2	Monolithic ZrB₂â€based <scp>UHTC</scp>s using polymerâ€derived Si(Zr,B)CN as sintering aid. Journal of the American Ceramic Society, 2022, 105, 99-110.	1.9	5
3	Conversion of a polysilazaneâ€modified celluloseâ€based paper into a C/SiFe(N,C)O ceramic paper via thermal ammonolysis. International Journal of Applied Ceramic Technology, 2022, 19, 838-846.	1.1	3
4	Up-scalable preparation of nano zirconium carbide powder in liquid polymeric precursor and its pyrolysis mechanism. Ceramics International, 2022, 48, 3216-3223.	2.3	3
5	Microstrain-range giant piezoresistivity of silicon oxycarbide thin films under mechanical cyclic loads. Materials and Design, 2022, 213, 110323.	3.3	6
6	Phase composition, microstructure, and mechanical properties of polymer-derived SiOC glass-ceramics reinforced by WC particles. Journal of the European Ceramic Society, 2022, 42, 1955-1962.	2.8	8
7	Additive manufacturing of ceramic materials for energy applications: Road map and opportunities. Journal of the European Ceramic Society, 2022, 42, 3049-3088.	2.8	62
8	Oxidation resistance of ZrB₂â€based monoliths using polymerâ€derived Si(Zr,B)CN as sintering aid. Journal of the American Ceramic Society, 2022, 105, 5380-5394.	1.9	3
9	Synthesis and temperature-dependent evolution of the phase composition in palladium-containing silicon oxycarbide ceramics. Journal of the European Ceramic Society, 2022, 42, 4825-4834.	2.8	5
10	Effect of pyrolysis temperature on the microstructure and thermal conductivity of polymer-derived monolithic and porous SiC ceramics. Journal of the European Ceramic Society, 2021, 41, 1151-1162.	2.8	36
11	Structure and Connectivity in an Amorphous Silicon Oxycarbide Polymer-Derived Ceramic: Results from 2D ²⁹Si NMR Spectroscopy. Journal of Physical Chemistry C, 2021, 125, 4777-4784.	1.5	12
12	Piezoresistive carbon-containing ceramic nanocomposites â€“ A review. Open Ceramics, 2021, 5, 100057.	1.0	24
13	Single-source-precursor synthesis and high-temperature evolution of a boron-containing SiC/HfC ceramic nano/micro composite. Journal of the European Ceramic Society, 2021, 41, 3002-3012.	2.8	34
14	Effects of the number of benzene rings on the properties of single-source ZrC-based liquid precursors and nano zirconium carbide powders thereof. Ceramics International, 2021, 47, 32963-32968.	2.3	3
15	Compressive thermal stress and microstructure-driven charge carrier transport in silicon oxycarbide thin films. Journal of the European Ceramic Society, 2021, 41, 6377-6384.	2.8	9
16	Preceramic Polymers as Precursors of Advanced Ceramics: The Polymer-Derived Ceramics (PDCs) Route. , 2021, , 93-102.		4
17	Polymer-Derived Ultra-High Temperature Ceramics (UHTCs) and Related Materials. PoliTO Springer Series, 2021, , 281-323.	0.3	4
18	Review: Silicon oxycarbide based materials for biomedical applications. Applied Materials Today, 2020, 18, 100482.	2.3	24

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19	Elastic properties and fracture toughness of SiOCâ€based glassâ€ceramic nanocomposites. Journal of the American Ceramic Society, 2020, 103, 491-499.	1.9	17
20	Processing and thermal characterization of polymer derived SiCN(O) and SiOC reticulated foams. Ceramics International, 2020, 46, 5594-5601.	2.3	27
21	A Novel Highâ€Pressure Tin Oxynitride Sn 2 N 2 O. Chemistry - A European Journal, 2020, 26, 2187-2194.	1.7	9
22	Single-source-precursor synthesis and high-temperature evolution of novel mesoporous SiVN(O)-based ceramic nanocomposites. Journal of the European Ceramic Society, 2020, 40, 6280-6287.	2.8	11
23	Hydrogen Selective SiCH Inorganicâ€“Organic Hybrid/Î³-Al2O3 Composite Membranes. Membranes, 2020, 10, 258.	1.4	2
24	Synthesis of Silver Modified Bioactive Glassy Materials with Antibacterial Properties via Facile and Low-Temperature Route. Materials, 2020, 13, 5115.	1.3	8
25	Effect of the Content and Ordering of the sp2 Free Carbon Phase on the Charge Carrier Transport in Polymer-Derived Silicon Oxycarbides. Molecules, 2020, 25, 5919.	1.7	14
26	Frontispiece: A Novel Highâ€Pressure Tin Oxynitride Sn₂N₂O. Chemistry - A European Journal, 2020, 26, .	1.7	0
27	Significant improvement of high-temperature oxidation resistance of HfC/SiC ceramic nanocomposites with the incorporation of a small amount of boron. Journal of the European Ceramic Society, 2020, 40, 3499-3508.	2.8	20
28	Highâ€temperature phase and microstructure evolution of polymerâ€derived SiZrCN and SiZrBCN ceramic nanocomposites. Journal of the American Ceramic Society, 2020, 103, 7001-7013.	1.9	17
29	Influence of SiC/Silica and Carbon/Silica Interfaces on the Highâ€Temperature Creep of Silicon Oxycarbideâ€Based Glass Ceramics: A Case Study. Advanced Engineering Materials, 2019, 21, 1800596.	1.6	5
30	Reactive Element Effect Applied by Alloying and SiHfBCN Coating on the Oxidation of Pure Chromium. Oxidation of Metals, 2019, 92, 281-302.	1.0	9
31	Combining Soft Polysilazanes with Melt-Shear Organization of Coreâ€“Shell Particles: On the Road to Polymer-Templated Porous Ceramics. Molecules, 2019, 24, 3553.	1.7	15
32	Apatite Forming Ability and Dissolution Behavior of Boron- and Calcium-Modified Silicon Oxycarbides in Comparison to Silicate Bioactive Glass. ACS Biomaterials Science and Engineering, 2019, 5, 5337-5347.	2.6	17
33	Laser ablation behavior of SiHfC-based ceramics prepared from a single-source precursor: Effects of Hf-incorporation into SiC. Journal of the European Ceramic Society, 2019, 39, 2018-2027.	2.8	26
34	Metal-catalyst-free access to multiwalled carbon nanotubes/silica nanocomposites (MWCNT/SiO₂) from a single-source precursor. Dalton Transactions, 2019, 48, 11018-11033.	1.6	11
35	Effect of Ca and B incorporation into silicon oxycarbide on its microstructure and phase composition. Journal of the American Ceramic Society, 2019, 102, 7645-7655.	1.9	9
36	Polymerâ€Derived Ultraâ€High Temperature Ceramics (UHTCs) and Related Materials. Advanced Engineering Materials, 2019, 21, 1900269.	1.6	80

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37	Effect of composition and high-temperature annealing on the local deformation behavior of silicon oxycarbides. Journal of the European Ceramic Society, 2019, 39, 2287-2296.	2.8	13
38	Facile Preparative Access to Bioactive Silicon Oxycarbides with Tunable Porosity. Materials, 2019, 12, 3862.	1.3	8
39	Solidâ€Solution Effects on the Highâ€Temperature Oxidation Behavior of Polymerâ€Derived (Hf,Ta)C/SiC and (Hf,Ti)C/SiC Ceramic Nanocomposites. Advanced Engineering Materials, 2019, 21, 1800879.	1.6	28
40	Vom Material zur Produktinnovation. Essentials, 2018, , .	0.1	0
41	SiC/Hf_yTa_{1â^'y}C_xN_{1â^'x}/C ceramic nanocomposites with Hf_yTa_{1â^'y}C_xN_{1â^'x}-carbon coreâ€“shell nanostructure and the influence of the carbon-shell thickness on electrical properties. Journal of Materials Chemistry C, 2018, 6, 855-864.	2.7	45
42	Structure, energetics and bioactivity of silicon oxycarbide-based amorphous ceramics with highly connected networks. Journal of the European Ceramic Society, 2018, 38, 1311-1319.	2.8	21
43	POSS-Containing Polymethacrylates on Cellulose-Based Substrates: Immobilization and Ceramic Formation. Coatings, 2018, 8, 446.	1.2	1
44	Significant improvement of the short-term high-temperature oxidation resistance of dense monolithic HfC/SiC ceramic nanocomposites upon incorporation of Ta. Corrosion Science, 2018, 145, 191-198.	3.0	36
45	Silicon oxycarbide glasses and glassâ€ceramics: â€œAllâ€Rounderâ€•materials for advanced structural and functional applications. Journal of the American Ceramic Society, 2018, 101, 4817-4856.	1.9	188
46	Preceramic core-shell particles for the preparation of hybrid colloidal crystal films by melt-shear organization and conversion into porous ceramics. Materials and Design, 2018, 160, 926-935.	3.3	12
47	High-Temperature Raman Spectroscopy of Nano-Crystalline Carbon in Silicon Oxycarbide. Materials, 2018, 11, 93.	1.3	71
48	Thermal Properties of SiOC Glasses and Glass Ceramics at Elevated Temperatures. Materials, 2018, 11, 279.	1.3	66
49	Grundlagenforschung und angewandte Forschung â€“ ein Balanceakt. Essentials, 2018, , 7-10.	0.1	0
50	Beschreibung und Einordnung ausgewÃhlter Fallstudien. Essentials, 2018, , 19-43.	0.1	0
51	Einleitung, Motivation und Zielsetzung. Essentials, 2018, , 1-2.	0.1	0
52	Preparation of dense SiHf(B)CN-based ceramic nanocomposites via rapid spark plasma sintering. Journal of the European Ceramic Society, 2017, 37, 5157-5165.	2.8	29
53	Synthesis and characterization of yttrium and ytterbium silicates from their oxides and an oligosilazane by the PDC route for coating applications to protect Si3N4 in hot gas environments. Journal of the European Ceramic Society, 2017, 37, 5177-5191.	2.8	17
54	One-pot synthesis of a C/SiFeN(O)-based ceramic paper with in-situ generated hierarchical micro/nano-morphology. Journal of the European Ceramic Society, 2017, 37, 5193-5203.	2.8	16

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55	Synthesis of fluorine-modified polysilazanes via Siâ€“H bond activation and their application as protective hydrophobic coatings. Journal of Materials Chemistry A, 2017, 5, 25509-25521.	5.2	39
56	Synthesis of Nanocrystalline Gd2 O2 NCN from a Versatile Single-source Precursor. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1681-1691.	0.6	3
57	Effect of Alumina Incorporation on the Surface Mineralization and Degradation of a Bioactive Glass (CaO-MgO-SiO2-Na2O-P2O5-CaF2)-Glycerol Paste. Materials, 2017, 10, 1324.	1.3	11
58	Synthesis and In Vitro Activity Assessment of Novel Silicon Oxycarbide-Based Bioactive Glasses. Materials, 2016, 9, 959.	1.3	31
59	Microwave Absorption of SiC/HfC_xN_{1â^'x}/C Ceramic Nanocomposites with HfC_xN_{1â^'x}â€Carbon Coreâ€“Shell Particles. Journal of the American Ceramic Society, 2016, 99, 2655-2663.	1.9	68
60	Synthesis of polymer-derived graphene/silicon nitride-based nanocomposites with tunable dielectric properties. Journal of the Ceramic Society of Japan, 2016, 124, 981-988.	0.5	20
61	UV Raman spectroscopy of segregated carbon in silicon oxycarbides. Journal of the Ceramic Society of Japan, 2016, 124, 1042-1045.	0.5	26
62	Laser ablation behavior of Cf/SiHfBCN ceramic matrix composites. Journal of the European Ceramic Society, 2016, 36, 3761-3768.	2.8	43
63	The Thermal Conductivity of Polymerâ€Derived Amorphous Siâ€“Oâ€“C Compounds and Nanoâ€Composites. Journal of the American Ceramic Society, 2016, 99, 281-285.	1.9	44
64	Synthesis and high-temperature creep behavior of a SiLuOC-based glass-ceramic. Journal of the Ceramic Society of Japan, 2016, 124, 1006-1012.	0.5	2
65	High-temperature creep behavior of a SiOC glass ceramic free of segregated carbon. Journal of the European Ceramic Society, 2016, 36, 3747-3753.	2.8	26
66	Single-source-precursor synthesis of novel V8C7/SiC(O)-based ceramic nanocomposites. Journal of the European Ceramic Society, 2016, 36, 3553-3563.	2.8	29
67	High-temperature oxidation behavior of polymer-derived SiHfBCN ceramic nanocomposites. Journal of the European Ceramic Society, 2016, 36, 3021-3028.	2.8	45
68	One for all: cobalt-containing polymethacrylates for magnetic ceramics, block copolymerization, unexpected electrochemistry, and stimuli-responsiveness. Polymer Chemistry, 2016, 7, 1129-1137.	1.9	26
69	Facile solâ€“gel synthesis of reduced graphene oxide/silica nanocomposites. Journal of the European Ceramic Society, 2016, 36, 2923-2930.	2.8	32
70	Effect of boron incorporation on the phase composition and high-temperature behavior of polymer-derived silicon carbide. Journal of the European Ceramic Society, 2016, 36, 967-977.	2.8	32
71	Tailoring the viscoelastic properties of injectable biocomposites: A spectroscopic assessment of the interactions between organic carriers and bioactive glass particles. Materials and Design, 2016, 97, 45-50.	3.3	5
72	3D-ordered carbon materials by melt-shear organization for tailor-made hybrid coreâ€“shell polymer particle architectures. Journal of Materials Chemistry C, 2016, 4, 3976-3986.	2.7	26

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73	Formation of aluminum nitride from metal–organic precursors synthesized by reacting aluminum tri-chloride with bis(trimethylsilyl)carbodiimide. Journal of the Ceramic Society of Japan, 2015, 123, 106-113.	0.5	3
74	Perovskiteâ€type Solid Solution SrMo_{1â€“x}W_x(O, N)₃ Oxynitrides: Synthesis, Structure, and Magnetic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1533-1539.	0.6	5
75	Ceramic Nanocomposites from Tailor-Made Preceramic Polymers. Nanomaterials, 2015, 5, 468-540.	1.9	167
76	Synthesis and high-temperature evolution of single-phase amorphous Siâ€“Hfâ€“N ceramics. Journal of the European Ceramic Society, 2015, 35, 2007-2015.	2.8	30
77	Preparation and hydrothermal corrosion behavior of Cf/SiCN and Cf/SiHfBCN ceramic matrix composites. Journal of the European Ceramic Society, 2015, 35, 3329-3337.	2.8	34
78	Surfaceâ€Initiated Anionic Polymerization of [1]Silaferrocenophanes for the Preparation of Colloidal Preceramic Materials. Macromolecular Rapid Communications, 2015, 36, 597-603.	2.0	19
79	Synthesis and rapid sintering of dense SrA(O,N)3 (A=Mo, W) oxynitride ceramics. Journal of the European Ceramic Society, 2015, 35, 3273-3281.	2.8	3
80	Atomic-scale assessment of the crystallization onset in silicon carbonitride. Journal of the European Ceramic Society, 2015, 35, 3355-3362.	2.8	15
81	A study on the thermal conversion of scheelite-type ABO₄ into perovskite-type AB(O,N)₃. Dalton Transactions, 2015, 44, 8238-8246.	1.6	21
82	Synthesis and in vitro bioactivity assessment of injectable bioglassâ˜organic pastes for bone tissue repair. Ceramics International, 2015, 41, 9373-9382.	2.3	13
83	Synthesis and high-temperature evolution of polysilylcarbodiimide-derived SiCN ceramic coatings. Journal of the European Ceramic Society, 2015, 35, 3771-3780.	2.8	25
84	Evolution of the local structure at Hf sites in SiHfOC upon ceramization of a hafnium-alkoxide-modified polysilsesquioxane: A perturbed angular correlation study. Journal of the European Ceramic Society, 2015, 35, 29-35.	2.8	16
85	High-temperature piezoresistive C / SiOC sensors. Journal of Sensors and Sensor Systems, 2015, 4, 133-136.	0.6	21
86	Single-source-precursor synthesis of dense SiC/HfC_xN_{1â˜x}-based ultrahigh-temperature ceramic nanocomposites. Nanoscale, 2014, 6, 13678-13689.	2.8	110
87	Highâ€Temperature Creep Behavior of <scp><scp>SiOC</scp></scp> Glassâ€Ceramics: Influence of Network Carbon Versus Segregated Carbon. Journal of the American Ceramic Society, 2014, 97, 3935-3942.	1.9	24
88	Stable SiOC/Sn Nanocomposite Anodes for Lithiumâ€Ion Batteries with Outstanding Cycling Stability. Advanced Functional Materials, 2014, 24, 4097-4104.	7.8	87
89	Imideâ€containing ladder polyphenylsilsesquioxanes with high thermal stability and thermoplastic properties. Journal of Applied Polymer Science, 2014, 131, .	1.3	2
90	Polymerâ€“Ceramic Nanohybrid Materials. Advances in Polymer Science, 2014, , 143-185.	0.4	25

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91	Single-Source-Precursor Synthesis of Hafnium-Containing Ultrahigh-Temperature Ceramic Nanocomposites (UHTC-NCs). Inorganic Chemistry, 2014, 53, 10443-10455.	1.9	89
92	Single-Source Magnetic Nanorattles By Using Convenient Emulsion Polymerization Protocols. Langmuir, 2014, 30, 1204-1209.	1.6	28
93	Pressureless fabrication of dense monolithic SiC ceramics from a polycarbosilane. Journal of the European Ceramic Society, 2014, 34, 3571-3578.	2.8	86
94	Synthesis and characterization of luminescent properties of ceramics derived from polysilylcarbodiimides. Journal of the Ceramic Society of Japan, 2014, 122, 895-901.	0.5	5
95	Hydrogen content analysis in hydrogen-charged PZT ferroelectric ceramics. Solid State Ionics, 2013, 235, 32-35.	1.3	5
96	Single-source-precursor synthesis of soft magnetic Fe3Si- and Fe5Si3-containing SiOC ceramic nanocomposites. Journal of the European Ceramic Society, 2013, 33, 2465-2472.	2.8	59
97	Highâ€Temperature Creep Behavior of Dense <scp><scp>SiOC</scp></scp>â€Based Ceramic Nanocomposites: Microstructural and Phase Composition Effects. Journal of the American Ceramic Society, 2013, 96, 272-280.	1.9	50
98	Carbon Mobility in <scp><scp>SiOC</scp></scp>/<scp><scp>HfO</scp></scp>₂ Ceramic Nanocomposites. Journal of the American Ceramic Society, 2013, 96, 2058-2060.	1.9	15
99	Precursor-Derived Ceramics. , 2013, , 1025-1101.		27
100	Can we predict the formability of perovskite oxynitrides from tolerance and octahedral factors?. Journal of Materials Chemistry A, 2013, 1, 12239.	5.2	61
101	Carbon substitution for oxygen in silicates in planetary interiors. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15904-15907.	3.3	40
102	Thermodynamic Control of Phase Composition and Crystallization of Metalâ€Modified Silicon Oxycarbides. Journal of the American Ceramic Society, 2013, 96, 1899-1903.	1.9	55
103	Polymer-Derived Ceramics (PDCs). , 2013, , 203-245.		1
104	P3.4 - Fabrication of Silicon Oxycarbide-Based Microcomponents via Photolithographic and Soft Lithography Approaches. , 2013, , .		1
105	Room temperature synthesis of samarium oxide nanotubes using cost-effective electroless deposition method. Journal of Experimental Nanoscience, 2012, 7, 344-353.	1.3	2
106	Synthesis, Characterization, Electronic and Gasâ€Sensing Properties towards H₂ and CO of Transparent, Largeâ€Area, Lowâ€Layer Graphene. Chemistry - A European Journal, 2012, 18, 14996-15003.	1.7	19
107	Corrosion behavior of silicon oxycarbide-based ceramic nanocomposites under hydrothermal conditions. International Journal of Materials Research, 2012, 103, 31-39.	0.1	35
108	Synthesis of Ultrahigh-Temperature Stable Hafnium-Containing Ceramic Nanocomposites. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1557-1557.	0.6	0

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109	Perovskite Structure Stability in Metal Oxynitrides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1631-1631.	0.6	1
110	Isotropic Negative Thermal Expansion in Î²-Si(NCN)‹sub›2‹/sub› and Its Origin. Journal of Physical Chemistry C, 2012, 116, 526-531.	1.5	22
111	Silicon-containing polymer-derived ceramic nanocomposites (PDC-NCs): preparative approaches and properties. Chemical Society Reviews, 2012, 41, 5032.	18.7	296
112	Decompositionâ€Coarsening Model of ‹scp›‹scp›SiOC‹/scp›‹/scp›/‹scp›‹scp›HfO‹/scp›‹/scp›‹sub›2‹/sub› Ceramic Nanocomposites Upon Isothermal Anneal at 1300Â°C. Journal of the American Ceramic Society, 2012, 95, 2290-2297.	1.9	34
113	Electroless synthesis of lepidocrocite (Î³-FeOOH) nanotubes in ion track etched polycarbonate templates. Nuclear Instruments & Methods in Physics Research B, 2012, 282, 96-99.	0.6	3
114	Phase separation of a hafnium alkoxide-modified polysilazane upon polymer-to-ceramic transformationâ€"A case study. Journal of the European Ceramic Society, 2012, 32, 1873-1881.	2.8	56
115	Room temperature synthesis of indium tin oxide nanotubes with high precision wall thickness by electroless deposition. Beilstein Journal of Nanotechnology, 2011, 2, 119-126.	1.5	4
116	Influence of the PVD sputtering method on structural characteristics of SiCN-coatings â€" Comparison of RF, DC and HiPIMS sputtering and target configurations. Surface and Coatings Technology, 2011, 205, S119-S123.	2.2	43
117	Fabrication of silicon oxycarbide-based microcomponents via photolithographic and soft lithography approaches. Sensors and Actuators A: Physical, 2011, 169, 242-249.	2.0	34
118	Strong Influence of Polymer Architecture on the Microstructural Evolution of Hafniumâ€Alkoxideâ€Modified Silazanes upon Ceramization. Small, 2011, 7, 970-978.	5.2	62
119	Effect of ambient atmosphere on crosslinking of polysilazanes. Journal of Applied Polymer Science, 2011, 119, 794-802.	1.3	32
120	Pressureless synthesis of fully dense and crack-free SiOC bulk ceramics via photo-crosslinking and pyrolysis of a polysiloxane. Journal of the European Ceramic Society, 2011, 31, 913-919.	2.8	133
121	Cerium (IV) oxide nanotubes prepared by low temperature deposition at normal pressure. Nanotechnology, 2011, 22, 065602.	1.3	7
122	Synthesemethoden fÃ¼r keramische Materialien. Hochtechnologiewerkstoffe. Chemie in Unserer Zeit, 2010, 44, 208-227.	0.1	8
123	Polymerâ€Derived SiOC/ZrO‹sub›2‹/sub› Ceramic Nanocomposites with Excellent Highâ€Temperature Stability. Journal of the American Ceramic Society, 2010, 93, 241-250.	1.9	169
124	Polymerâ€Derived Silicon Oxycarbide/Hafnia Ceramic Nanocomposites. Part II: Stability Toward Decomposition and Microstructure Evolution at Tâ‰«1000Â°C. Journal of the American Ceramic Society, 2010, 93, 1783-1789.	1.9	56
125	Polymerâ€Derived Silicon Oxycarbide/Hafnia Ceramic Nanocomposites. Part I: Phase and Microstructure Evolution During the Ceramization Process. Journal of the American Ceramic Society, 2010, 93, 1774-1782.	1.9	66
126	Silicon-Containing Polyimide-Based Polymers with High Temperature Stability. Chemistry of Materials, 2010, 22, 3823-3825.	3.2	13

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127	²⁹Si and¹³C Solid-State NMR Spectroscopic Study of Nanometer-Scale Structure and Mass Fractal Characteristics of Amorphous Polymer Derived Silicon Oxycarbide Ceramics. Chemistry of Materials, 2010, 22, 6221-6228.	3.2	160
128	Fabrication of anatase titanium dioxide nanotubes by electroless deposition using polycarbonate for separate casting method. Nano-Micro Letters, 2010, 2, 26-30.	14.4	6
129	Fabrication of anatase titanium dioxide nanotubes by electroless deposition using polycarbonate for separate casting method. Nano-Micro Letters, 2010, 2, 26.	14.4	3
130	Dispersion assessment and studies on AC percolative conductivity in polymer-derived Siâ€“Câ€“N/CNT ceramic nanocomposites. Journal of Materials Science, 2009, 44, 2055-2062.	1.7	57
131	Crystallization Behavior and Controlling Mechanism of Iron-Containing Siâˆ’Câˆ’N Ceramics. Inorganic Chemistry, 2009, 48, 10078-10083.	1.9	50
132	Attempted Synthesis of 1-Aza-3Î»3-phospha-1-allenide Complexes:â€‰ Structure and Reactions of an Unusual Phosphanide Complex. Organometallics, 2007, 26, 4021-4024.	1.1	12
133	Surprising reactions of a 2H-azaphosphirene complex with a silylene. Chemical Communications, 2005, , 4842.	2.2	6
134	Photochemical and Thermal Reactions of a 2H-Azaphosphirene Complex with Isonitriles. Organometallics, 2005, 24, 2237-2240.	1.1	11
135	SYNTHESES, STRUCTURES AND REACTIONS OF NEW AND NOVEL FOUR-, FIVEAND SIX-MEMBERED UNSATURATED N,P-HETEROCYCLE COMPLEXES. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 809-811.	0.8	4
136	Synthesis of the first 2,3-dihydro-1,2,3-azadiphosphete complexThis work is dedicated to Dr Hans-Martin Schiebel on the occasion of his 70th birthday.. Chemical Communications, 2002, , 2204-2205.	2.2	11
137	Catalytic and selective ring expansion reactions of o-phenyl-substituted 2H-azaphosphirene tungsten complexes. Journal of Organometallic Chemistry, 2002, 643-644, 253-264.	0.8	8
138	Polymer-Derived Ceramics (PDCs). , 0, , 1108-1139.		4
139	Microâ€/nanostructure evolution of C/SiFeO(N,C) polymerâ€derived ceramic papers pyrolyzed in a reactive ammonia atmosphere. Journal of the American Ceramic Society, 0, , .	1.9	2