

Douglas A Loy

List of Publications by Year in descending order

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133
papers

8,044
citations

81434

41
h-index

54771

88
g-index

136
all docs

136
docs citations

136
times ranked

6984
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of fructooligosaccharide and soybean protein isolate in the microencapsulation of walnut oil. <i>Industrial Crops and Products</i> , 2022, 177, 114431.	2.5	14
2	Preparation, characterization and antioxidant properties of curcumin encapsulated chitosan/lignosulfonate micelles. <i>Carbohydrate Polymers</i> , 2022, 281, 119080.	5.1	63
3	High-Precision Printing of Complex Glass Imaging Optics with Precondensed Liquid Silica Resin. <i>Advanced Science</i> , 2022, 9, e2105595.	5.6	16
4	Three-dimensional printing of glass micro-optics. <i>Optica</i> , 2021, 8, 904.	4.8	35
5	Comparison of the Filtration Efficiency of Different Face Masks Against Aerosols. <i>Frontiers in Medicine</i> , 2021, 8, 654317.	1.2	7
6	Segmented Polyurethanes and Thermoplastic Elastomers from Elemental Sulfur with Enhanced Thermomechanical Properties and Flame Retardancy. <i>Angewandte Chemie</i> , 2021, 133, 23082.	1.6	6
7	Segmented Polyurethanes and Thermoplastic Elastomers from Elemental Sulfur with Enhanced Thermomechanical Properties and Flame Retardancy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22900-22907.	7.2	44
8	Chalcogenide hybrid inorganic/organic polymer resins: Amine functional prepolymers from elemental sulfur. <i>Journal of Polymer Science</i> , 2020, 58, 35-41.	2.0	12
9	Direct foaming driven synthesis and thermophysical characterization of silica-alumina foams: Applications for thermal insulation. <i>Ceramics International</i> , 2020, 46, 10431-10441.	2.3	11
10	Chalcogenide hybrid inorganic/organic polymer resins: Amine functional prepolymers from elemental sulfur. <i>Journal of Polymer Science</i> , 2020, 58, 35-41.	2.0	0
11	Facile sol-gel coating process for anti-biofouling modification of poly (vinylidene fluoride) microfiltration membrane based on novel zwitterionic organosilica. <i>Journal of Membrane Science</i> , 2018, 550, 266-277.	4.1	37
12	Mesoporous Polysilsesquioxanes: Preparation, Properties, and Applications. , 2018, , 3177-3211.		0
13	UV Fluorescent Epoxy Adhesives from Noncovalent and Covalent Incorporation of Coumarin Dyes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 10061-10068.	4.0	30
14	Transforming Polybutadiene with Tetrazine Click Chemistry into Antioxidant Foams That Fluoresce with Oxidation. <i>Chemistry of Materials</i> , 2017, 29, 7953-7960.	3.2	8
15	Proton Conductivity of Nafion/Ex-Situ Sulfonic Acid-Modified Stober Silica Nanocomposite Membranes As a Function of Temperature, Silica Particles Size and Surface Modification. <i>Membranes</i> , 2016, 6, 12.	1.4	18
16	Influence of Global and Local Membrane Curvature on Mechanosensitive Ion Channels: A Finite Element Approach. <i>Membranes</i> , 2016, 6, 14.	1.4	58
17	New Hybrid Organic/Inorganic Polysilsesquioxane-Silica Particles as Sunscreens. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 3160-3174.	4.0	56
18	Photochemical strengthening of silica aerogels modified with coumarin groups. <i>Journal of Non-Crystalline Solids</i> , 2016, 432, 189-195.	1.5	3

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19	Mesoporous Polysilsesquioxanes: Preparation, Properties, and Applications. , 2016, , 1-35.		1
20	Fluorescent hybrid organic–inorganic particles: influence of physical encapsulation versus covalent attachment on leaching and UV stability. Journal of the Ceramic Society of Japan, 2015, 123, 785-792.	0.5	4
21	Mechanisms of Competitive Adsorption Organic Pollutants on Hexylene-Bridged Polysilsesquioxane. Materials, 2015, 8, 5806-5817.	1.3	22
22	Controlling nanostructure in periodic mesoporous hexylene-bridged polysilsesquioxanes. Journal of Non-Crystalline Solids, 2015, 419, 6-11.	1.5	11
23	Strengthening silica aerogels with surface initiated ATRP cross-linked poly(methyl methacrylate). Journal of Non-Crystalline Solids, 2015, 427, 114-119.	1.5	13
24	Comparison of new periodic, mesoporous, hexylene-bridged polysilsesquioxanes with Pm3n symmetry versus solégel polymerized, hexylene-bridged gels. Journal of Non-Crystalline Solids, 2014, 406, 139-143.	1.5	14
25	Hybrid organicéinorganic membranes from size exclusion deposition of fluorescent, octylene-bridged polysilsesquioxane particles. Journal of Non-Crystalline Solids, 2014, 403, 88-96.	1.5	6
26	Modification of a Phenolic Resin with Epoxy- and Methacrylate-Functionalized Silica Sols to Improve the Ablation Resistance of Their Glass Fiber-Reinforced Composites. Polymers, 2014, 6, 105-113.	2.0	16
27	Highly sulfonated polyelectrolytes through friedelécrafts sulfonylation of polyarylenes. Journal of Polymer Science Part A, 2014, 52, 1381-1384.	2.5	10
28	Enhancement Corrosion Resistance of (β -Glycidyloxypropyl)-Silsesquioxane-Titanium Dioxide Films and Its Validation by Gas Molecule Diffusion Coefficients Using Molecular Dynamics (MD) Simulation. Polymers, 2014, 6, 300-310.	2.0	3
29	Influence of alkylene-bridging group length on mesostructure and porosity in cubic (Pm3n) periodic mesoporous bridged polysilsesquioxanes. Journal of Porous Materials, 2014, 21, 39-44.	1.3	10
30	Proton conductivity of Nafion/ex situ Stéber silica nanocomposite membranes as a function of silica particle size and temperature. Journal of Materials Science, 2014, 49, 1566-1573.	1.7	14
31	Non-hydrolytic formation of silica and polysilsesquioxane particles from alkoxysilane monomers with formic acid in toluene/tetrahydrofuran solutions. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	6
32	Methylene-bridged polysilsesquioxanes: substitution of a methylene spacer within a silicate matrix. Journal of Materials Science, 2014, 49, 5006-5016.	1.7	6
33	Computational and experimental determinations of the UV adsorption of polyvinylsilsesquioxane-silica and titanium dioxide hybrids. Bio-Medical Materials and Engineering, 2014, 24, 651-657.	0.4	3
34	Asymmetric membranes by wet phase inversion of phenylated polyphenylene. Journal of Applied Polymer Science, 2013, 128, 750-753.	1.3	5
35	Influence of the alkoxide group, solvent, catalyst, and concentration on the gelation and porosity of hexylene-bridged polysilsesquioxanes. Journal of Non-Crystalline Solids, 2013, 362, 82-94.	1.5	15
36	Hybrid Organicéinorganic Membranes on Porous Supports by Size Exclusion and Thermal Sintering of Fluorescent Polyphenylsilsesquioxane Nanoparticles. Macromolecular Materials and Engineering, 2013, 298, 715-721.	1.7	7

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37	Micro-Fluidic Assisted Passive Direct Methanol Fuel Cells. , 2012, , .		0
38	Synthesis and Characterization of Semi-Fluorinated Polyarylene Copolymers. ACS Symposium Series, 2012, , 29-46.	0.5	2
39	Polyaniline nanofiber-silica composite aerogels. Journal of Non-Crystalline Solids, 2012, 358, 1575-1580.	1.5	55
40	Processing, Morphology, and Water Uptake of Nafion/Ex situ Silica Nanocomposite Membranes As a Function of Particle Size. ACS Applied Materials & Interfaces, 2012, 4, 6766-6773.	4.0	22
41	2,2',3,3',4,4',5,5'-Octaphenyl-1,1':4,1'-terphenyl and 2,2',3,3',5,5'-tetrafluoro-2,2',3,3',4,4',5,5'-octaphenyl-1,1':4,1'-terphenyl. Acta Crystallographica Structure Communications, 2012, 68, o23-o27.		
42	Mechanical properties of hexylene- and phenylene-bridged polysilsesquioxane aerogels and xerogels. Journal of Sol-Gel Science and Technology, 2012, 61, 144-150.	1.1	21
43	Titanium oxide sol-gel films with tunable refractive index. Optical Materials Express, 2011, 1, 252.	1.6	20
44	Enhancing mechanical properties of silica aerogels. Journal of Non-Crystalline Solids, 2011, 357, 3435-3441.	1.5	64
45	Strong, low density, hexylene- and phenylene-bridged polysilsesquioxane aerogel-polycyanoacrylate composites. Journal of Materials Science, 2011, 46, 6371-6377.	1.7	25
46	Titelbild: Elemental Sulfur as a Reactive Medium for Gold Nanoparticles and Nanocomposite Materials (Angew. Chem. 48/2011). Angewandte Chemie, 2011, 123, 11459-11459.	1.6	1
47	Elemental Sulfur as a Reactive Medium for Gold Nanoparticles and Nanocomposite Materials. Angewandte Chemie - International Edition, 2011, 50, 11409-11412.	7.2	66
48	Cover Picture: Elemental Sulfur as a Reactive Medium for Gold Nanoparticles and Nanocomposite Materials (Angew. Chem. Int. Ed. 48/2011). Angewandte Chemie - International Edition, 2011, 50, 11263-11263.	7.2	0
49	Mechanically reinforced silica aerogel nanocomposites via surface initiated atom transfer radical polymerizations. Journal of Materials Chemistry, 2010, 20, 6863.	6.7	99
50	Preparation of Platinum Catalyst on Silver Membranes for PEMFC with Green Electroless Deposition. ECS Transactions, 2009, 25, 1345-1352.	0.3	1
51	Strong, Low-Density Nanocomposites by Chemical Vapor Deposition and Polymerization of Cyanoacrylates on Aminated Silica Aerogels. ACS Applied Materials & Interfaces, 2009, 1, 1364-1369.	4.0	94
52	Photoresponsive Hybrid Materials: Synthesis and Characterization of Coumarin-Dimer-Bridged Polysilsesquioxanes. Chemistry of Materials, 2008, 20, 1870-1876.	3.2	50
53	Formation of Polycyanoacrylate-Silica Nanocomposites by Chemical Vapor Deposition of Cyanoacrylates on Aerogels. Chemistry of Materials, 2008, 20, 2845-2847.	3.2	49
54	Polymer-Silica Nanocomposite Aerogels with Enhanced Mechanical Properties Using Chemical Vapor Deposition (CVD) of Cyanoacrylates. Materials Research Society Symposia Proceedings, 2007, 1007, 1.	0.1	1

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55	Photodeformable Spherical Hybrid Nanoparticles. <i>Journal of the American Chemical Society</i> , 2006, 128, 14250-14251.	6.6	87
56	Mesoscopically ordered organosilica and carbon-silica hybrids with uniform morphology by surfactant-assisted self-assembly of organo bis-silanetriols. <i>Chemical Communications</i> , 2006, , 1545.	2.2	14
57	Hybrid Polyelectrolyte Materials for Fuel Cell Applications: A Design, Synthesis, and Evaluation of Proton-Conducting Bridged Polysilsesquioxanes. <i>Chemistry of Materials</i> , 2006, 18, 3665-3673.	3.2	50
58	Hierarchical Mesoporous Carbon/Silica Nanocomposites from Phenyl-Bridged Organosilane. <i>Advanced Materials</i> , 2005, 17, 704-707.	11.1	79
59	Nonshrinking, Photopolymerizable Polycarbosiloxanes through Ring-Opening Polymerization of Disilaoxacyclopentane Monomers. <i>Chemistry of Materials</i> , 2005, 17, 1529-1534.	3.2	7
60	Thermally Cleavable Surfactants Based on Furan-Maleimide Diels-Alder Adducts. <i>Langmuir</i> , 2005, 21, 3259-3266.	1.6	75
61	Double Phosphaalkyne Insertion to a Tungsten Alkylidene: Formation of a Diphosphametallabicyclobutane. <i>Organometallics</i> , 2005, 24, 2245-2247.	1.1	5
62	Ionomeric Poly(phenylene) Prepared by Diels-Alder Polymerization: A Synthesis and Physical Properties of a Novel Polyelectrolyte. <i>Macromolecules</i> , 2005, 38, 5010-5016.	2.2	298
63	Metathesis Depolymerization for Removable Surfactant Templates. <i>Langmuir</i> , 2005, 21, 9365-9373.	1.6	7
64	Evolution of Porosity and Morphology in Alkylene-Bridged Polysilsesquioxane Xerogels as a Function of Gel Aging Time. <i>Materials Research Society Symposia Proceedings</i> , 2004, 847, 65.	0.1	1
65	COLLAPSE OF POROSITY DURING DRYING OF ALKYLENE-BRIDGED POLYSILSESQUIOXANE GELS. INFLUENCE OF THE BRIDGING GROUP LENGTH. <i>Materials Research Society Symposia Proceedings</i> , 2004, 847, 531.	0.1	0
66	Effect of pH on the Gelation Time of Hexylene-Bridged Polysilsesquioxanes. <i>Chemistry of Materials</i> , 2004, 16, 2041-2043.	3.2	34
67	Structure of Arylene-Bridged Polysilsesquioxane Xerogels and Aerogels. <i>Chemistry of Materials</i> , 2004, 16, 1402-1410.	3.2	40
68	A Parallel Colorimetric Method for the Rapid Discovery and Optimization of Heterogeneous Hydrodesulfurization Catalysts. <i>Journal of the American Chemical Society</i> , 2003, 125, 9920-9921.	6.6	16
69	Soluble, High Molecular Weight Polysilsesquioxanes with Carboxylate Functionalities. <i>Materials Research Society Symposia Proceedings</i> , 2002, 726, 1.	0.1	1
70	Soluble, High Molecular Weight Polysilsesquioxanes with Carboxylate Functionalities. <i>Macromolecules</i> , 2002, 35, 2452-2454.	2.2	3
71	Removable foams based on an epoxy resin incorporating reversible Diels-Alder adducts. <i>Journal of Applied Polymer Science</i> , 2002, 85, 1496-1502.	1.3	105
72	A Mechanistic Investigation of Gelation. The Sol-Gel Polymerization of Precursors to Bridged Polysilsesquioxanes. <i>Accounts of Chemical Research</i> , 2001, 34, 707-716.	7.6	120

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73	Bridged Polysilses-quioxanes: Molecular Engineering of Hybrid Organic-Inorganic Materials. MRS Bulletin, 2001, 26, 368-376.	1.7	65
74	Bridged Polysilsesquioxanes. Molecular-Engineered Hybrid Organic-Inorganic Materials. Chemistry of Materials, 2001, 13, 3306-3319.	3.2	523
75	Hybrid Organic-Inorganic Materials. MRS Bulletin, 2001, 26, 364-367.	1.7	63
76	Polysilsesquioxanes Through Base-Catalyzed Redistribution of Oligohydridosiloxanes. Materials Research Society Symposia Proceedings, 2000, 628, 1.	0.1	0
77	Investigation of the transmission of substituent effects by ²⁹ Si NMR. Perkin Transactions II RSC, 2000, , 545-549.	1.1	14
78	Substituent Effects on the Sol-Gel Chemistry of Organotrialkoxysilanes. Chemistry of Materials, 2000, 12, 3624-3632.	3.2	292
79	Evaporation-Induced Self-Assembly of Hybrid Bridged Silsesquioxane Film and Particulate Mesophases with Integral Organic Functionality. Journal of the American Chemical Society, 2000, 122, 5258-5261.	6.6	475
80	Sol-Gel Chemistry of Trialkoxysilanes. Materials Research Society Symposia Proceedings, 2000, 628, 1.	0.1	1
81	Solventless Sol-Gel Chemistry Through Ring-Opening Polymerization of Bridged Disilaoxacyclopentanes. Materials Research Society Symposia Proceedings, 2000, 628, 1.	0.1	0
82	Tailored Porous Materials. Chemistry of Materials, 1999, 11, 2633-2656.	3.2	714
83	Spontaneous polymerization of phenylphosphaethyne. Journal of Polymer Science Part A, 1999, 37, 129-133.	2.5	10
84	Phenylene-Bridged Cyclic Siloxanes as Precursors to Nonshrinking Sol-Gel Systems and Their Use as Encapsulants. Angewandte Chemie - International Edition, 1999, 38, 555-557.	7.2	14
85	Cyclization Phenomena in the Sol-Gel Polymerization of β -Bis(triethoxysilyl)alkanes and Incorporation of the Cyclic Structures into Network Silsesquioxane Polymers. Journal of the American Chemical Society, 1999, 121, 5413-5425.	6.6	72
86	Dialkylene Carbonate-Bridged Polysilsesquioxanes. Hybrid Organic-Inorganic Sol-Gels with a Thermally Labile Bridging Group. Chemistry of Materials, 1999, 11, 3333-3341.	3.2	33
87	Porosity in Polysilsesquioxane Xerogels. Materials Research Society Symposia Proceedings, 1999, 576, 105.	0.1	1
88	Maleimide Functionalized Siloxane Resins. Materials Research Society Symposia Proceedings, 1999, 576, 15.	0.1	3
89	Sol-Gel Chemistry by Ring-Opening Polymerization. Materials Research Society Symposia Proceedings, 1999, 576, 63.	0.1	2
90	Dialkylencarbonate-Bridged Polysilsesquioxanes: Hybrid Organic-Inorganic Sol-Gels with a Thermally Labile Bridging Group. Materials Research Society Symposia Proceedings, 1999, 576, 99.	0.1	7

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91	Polymerization of Bis(triethoxysilyl)ethenes. Impact of Substitution Geometry on the Formation of Ethenylene- and Vinylidene-Bridged Polysilsesquioxanes. <i>Chemistry of Materials</i> , 1998, 10, 4129-4140.	3.2	36
92	Encapsulation of Gold Nanoclusters in Silica Materials via an Inverse Micelle/Sol-Gel Synthesis. <i>Chemistry of Materials</i> , 1997, 9, 423-429.	3.2	81
93	Solid Phase Immobilization of Optically Responsive Liposomes in Sol-Gel Materials for Chemical and Biological Sensing. <i>Langmuir</i> , 1997, 13, 5049-5053.	1.6	79
94	Direct Formation of Aerogels by Sol-Gel Polymerizations of Alkoxysilanes in Supercritical Carbon Dioxide. <i>Chemistry of Materials</i> , 1997, 9, 2264-2268.	3.2	108
95	Hydrolysis and Esterification in Organically Modified Alkoxysilanes: A ^{29}Si NMR Investigation of Methyltrimethoxysilane. <i>Chemistry of Materials</i> , 1996, 8, 2366-2374.	3.2	69
96	Sol-Gel Synthesis of Hybrid Organic-Inorganic Materials. Hexylene- and Phenylene-Bridged Polysiloxanes. <i>Chemistry of Materials</i> , 1996, 8, 656-663.	3.2	100
97	Isolation and Characterization of the Molybdenum Alkylidyne Complex $[(\text{F}_3\text{C})\text{Me}_2\text{CO}]_2\text{Mo}(\text{C}-t\text{-Bu})[\text{N}(\text{Ar})\text{PC}(\text{H})(\text{CMe}_2\text{Ph})]$ and Its Conversion to a Phosphamolybdacyclobutene. <i>Organometallics</i> , 1996, 15, 3244-3246.	1.1	13
98	Intramolecular Condensation Reactions of β -Bis(triethoxysilyl)alkanes. Formation of Cyclic Disilsesquioxanes. <i>Journal of the American Chemical Society</i> , 1996, 118, 8501-8502.	6.6	34
99	Cycloaddition of Phosphaalkynes to High-Oxidation-State Metal Alkylidenes: A Synthesis and Characterization of a Unique Phosphametallacyclobutene via an Alkoxide Ligand Shift. <i>Organometallics</i> , 1996, 15, 16-18.	1.1	16
100	Origin of Porosity in Arylene-Bridged Polysilsesquioxanes. <i>Materials Research Society Symposia Proceedings</i> , 1996, 435, 301.	0.1	8
101	Sol-Gel Polymerization of Tetraalkoxygermanium and Organotrialkoxygermanium Monomers. <i>Materials Research Society Symposia Proceedings</i> , 1996, 431, 323.	0.1	2
102	Controlling Porosity in Bridged Polysilsesquioxanes through Elimination Reactions. <i>Materials Research Society Symposia Proceedings</i> , 1996, 435, 277.	0.1	2
103	Intramolecular Condensation Reactions of β -BIS(Triethoxysilyl) Alkanes. Formation of Cyclic disilsesquioxanes. <i>Materials Research Society Symposia Proceedings</i> , 1996, 435, 33.	0.1	2
104	Amorphous silica molecular sieving membranes by sol-gel processing. <i>Advanced Materials</i> , 1996, 8, 588-591.	11.1	87
105	Engineering the macrostructure of thermally induced phase separated polysilane foams. <i>Journal of Polymer Science Part A</i> , 1996, 34, 1623-1627.	2.5	13
106	Identification and Characterization of the Hydrolysis Products in TMOS and MTMS Monomers Using ^{29}Si NMR and Polarization Transfer Techniques. <i>Magnetic Resonance in Chemistry</i> , 1996, 34, 603-609.	1.1	16
107	Environmentally Friendly Polysilane Photoresists. <i>ACS Symposium Series</i> , 1995, , 355-366.	0.5	6
108	Organic approach to molecular sieving silica membranes. <i>Journal of Membrane Science</i> , 1995, 105, 273-279.	4.1	215

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109	Negative pressure effects in high-pressure oxygen-intercalated C ₆₀ . Physical Review B, 1995, 51, 15552-15554.	1.1	25
110	Characterization of Poly(xylylenes) with Solid-State ¹³ C Nuclear Magnetic Resonance Spectroscopy. Macromolecules, 1995, 28, 5799-5803.	2.2	11
111	Alkylene-bridged polysilsesquioxane aerogels: highly porous hybrid organic-inorganic materials. Journal of Non-Crystalline Solids, 1995, 186, 44-53.	1.5	105
112	Bridged Polysilsesquioxanes. Highly Porous Hybrid Organic-Inorganic Materials. Chemical Reviews, 1995, 95, 1431-1442.	23.0	976
113	Computer-aided structure elucidation for arylene-bridged polysilsesquioxanes. Computational Materials Science, 1995, 3, 334-346.	1.4	8
114	Sol-gel strategies for controlled porosity inorganic materials. Journal of Membrane Science, 1994, 94, 85-102.	4.1	249
115	Hydrocarbon-Bridged Polysiloxane and Polysilsesquioxane Network Materials.. Materials Research Society Symposia Proceedings, 1994, 346, 487.	0.1	0
116	Engineering of Porosity in Amorphous Materials. Plasma Oxidation of Hydrocarbon Templates in Polysilsesquioxanes*. Materials Research Society Symposia Proceedings, 1994, 346, 825.	0.1	8
117	Arylene- and alkylene-bridged polysilsesquioxanes. Journal of Non-Crystalline Solids, 1993, 160, 234-246.	1.5	57
118	Effects of pressure and ambient species on the orientational ordering in solid C ₆₀ . Physical Review B, 1993, 47, 4756-4764.	1.1	112
119	Arylene- and alkylene-bridged siliconates. Organometallics, 1993, 12, 1484-1488.	1.1	18
120	Bridged polygermsesquioxanes. Organically modified germanium oxide materials. Chemistry of Materials, 1993, 5, 1193-1195.	3.2	6
121	Preparation of Aryl-Bridged Polysilsesquioxane Aerogels. Materials Research Society Symposia Proceedings, 1992, 271, 699.	0.1	17
122	Intercalation of molecular species into the interstitial sites of fullerene. Journal of Materials Research, 1992, 7, 2136-2143.	1.2	160
123	Synthesis of AC ₆₀ -Para-Xylylene Copolymer. Materials Research Society Symposia Proceedings, 1992, 247, 355.	0.1	0
124	An Nmr Study of the Occupation of C ₆₀ Interstitial Sites by Oxygen Molecules. Materials Research Society Symposia Proceedings, 1992, 270, 255.	0.1	3
125	Hypervalent Siliconate Materials. Synthesis and Characterization of Novel Ladder and Network Ionomers. Materials Research Society Symposia Proceedings, 1992, 271, 711.	0.1	1
126	Synthesis of a fullerene C ₆₀ -p-xylylene copolymer. Journal of the American Chemical Society, 1992, 114, 3977-3978.	6.6	153

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127	Arylsilsesquioxane gels and related materials. New hybrids of organic and inorganic networks. Journal of the American Chemical Society, 1992, 114, 6700-6710.	6.6	466
128	Condensed aryl-bridged siliconates. New ladder and network ionomers. Chemistry of Materials, 1992, 4, 255-258.	3.2	20
129	Pressure dependence of the orientational ordering in solid C ₆₀ . Physical Review Letters, 1991, 67, 3136-3139.	2.9	162
130	On the orthorhombic form of C ₆₀ molecular crystals containing CS ₂ . Physica C: Superconductivity and Its Applications, 1991, 184, 21-23.	0.6	34
131	Aryl-Bridged Polysilsesquioxanes - New Microporous Materials.. Materials Research Society Symposia Proceedings, 1990, 180, 975.	0.1	11
132	Aryl-bridged polysilsesquioxanes--new microporous materials. Chemistry of Materials, 1989, 1, 572-574.	3.2	147
133	Sol-Gel Processing of Hybrid Organic-Inorganic Materials Based on Polysilsesquioxanes. , 0, , 225-254.		3