

Douglas Alan Keszler

List of Publications by Year in descending order

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152
papers

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71061

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docs citations

168
times ranked

6163
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Structural Analysis of Novel Phosphonium Hexatungstate Complexes. <i>Journal of Cluster Science</i> , 2021, 32, 693-702.	1.7	0
2	Thermal and photochemical analysis of bimetallic Biâ€“Mo and Biâ€“W carbonyl complexes. <i>Solid State Sciences</i> , 2021, 113, 106451.	1.5	1
3	Area-selective aerosol jet fog deposition: Advancing large-area and sustainable fabrication. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2021, 39, 013407.	0.9	1
4	High-Resolution Lithographic Patterning with Organotin Films: Role of CO ₂ in Differential Dissolution Rates. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18974-18983.	4.0	10
5	Differentiating Zr/Hf ^{IV} Aqueous Polyoxocation Chemistry with Peroxide Ligation. <i>Inorganic Chemistry</i> , 2021, 60, 1631-1640.	1.9	13
6	Photoinduced Charge Transfer and Bimetallic Bond Dissociation of a Biâ€“W Complex in Solution. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7575-7582.	2.1	6
7	Hydrolysis and Condensation of <i>n</i> -BuSnCl ₃ : Enabling Deposition of Smooth Metal Oxide Photoresist Thin Films. <i>Inorganic Chemistry</i> , 2020, 59, 3934-3941.	1.9	12
8	Monoalkyl Tin Nanoâ€“Cluster Films Reveal a Low Environmental Impact under Simulated Natural Conditions. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 2651-2658.	2.2	0
9	Peroxide-Promoted Disassembly Reassembly of Zr-Polyoxocations. <i>Journal of the American Chemical Society</i> , 2019, 141, 16894-16902.	6.6	28
10	Elucidation of bonding trends from variability in Atomic Solid State Energies. <i>Journal of Solid State Chemistry</i> , 2019, 274, 337-351.	1.4	9
11	Thermal and radiation chemistry of butyltin oxo hydroxo: A model inorganic photoresist. <i>Microelectronic Engineering</i> , 2019, 205, 26-31.	1.1	19
12	Demonstration of Fowlerâ€“Nordheim Tunneling in Simple Solution-Processed Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 36082-36087.	4.0	15
13	Evaluation of Thermal and Radiation Induced Chemistries of Metal Oxoâ€“Hydroxo Clusters for Next-Generation Nanoscale Inorganic Resists. <i>ACS Applied Nano Materials</i> , 2018, 1, 4548-4556.	2.4	15
14	Aluminum Oxide Thin Films from Aqueous Solutions: Insights from Solid-State NMR and Dielectric Response. <i>Chemistry of Materials</i> , 2018, 30, 7456-7463.	3.2	24
15	Mechanistic Study of HafSO _x Extreme Ultraviolet Inorganic Resists. <i>Journal of Physical Chemistry C</i> , 2018, 122, 16100-16112.	1.5	18
16	Synthesis of an Aluminum Hydroxide Octamer through a Simple Dissolution Method. <i>Angewandte Chemie</i> , 2017, 129, 10295-10298.	1.6	10
17	Synthesis of an Aluminum Hydroxide Octamer through a Simple Dissolution Method. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10161-10164.	7.2	24
18	Group additivity-Pourbaix diagrams advocate thermodynamically stable nanoscale clusters in aqueous environments. <i>Nature Communications</i> , 2017, 8, 15852.	5.8	27

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19	Alkyltin Keggin Clusters Templated by Sodium. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10140-10144.	7.2	41
20	CuTaS ₃ : Intermetal <i>d</i> Transitions Enable High Solar Absorption. <i>Chemistry of Materials</i> , 2017, 29, 2594-2598.	3.2	21
21	Structural convergence properties of amorphous InGaZnO ₄ from simulated liquid-quench methods. <i>Dalton Transactions</i> , 2017, 46, 15311-15316.	1.6	2
22	Role of Combustion Chemistry in Low-Temperature Deposition of Metal Oxide Thin Films from Solution. <i>Chemistry of Materials</i> , 2017, 29, 9480-9488.	3.2	30
23	Low-Temperature Steam Annealing of Metal Oxide Thin Films from Aqueous Precursors: Enhanced Counterion Removal, Resistance to Water Absorption, and Dielectric Constant. <i>Chemistry of Materials</i> , 2017, 29, 8531-8538.	3.2	12
24	Minerals to Materials: Bulk Synthesis of Aqueous Aluminum Clusters and Their Use as Precursors for Metal Oxide Thin Films. <i>Chemistry of Materials</i> , 2017, 29, 7760-7765.	3.2	15
25	Alkyltin Keggin Clusters Templated by Sodium. <i>Angewandte Chemie</i> , 2017, 129, 10274-10278.	1.6	9
26	TaWSi amorphous metal thin films: composition tuning to improve thermal stability. <i>MRS Communications</i> , 2017, 7, 715-720.	0.8	8
27	Low-index, smooth Al ₂ O ₃ films by aqueous solution process. <i>Optical Materials Express</i> , 2017, 7, 273.	1.6	18
28	Mainstreaming inorganic metal-oxide resists for high-resolution lithography. <i>Frontiers of Nanoscience</i> , 2016, 11, 349-375.	0.3	9
29	Amphoteric Aqueous Hafnium Cluster Chemistry. <i>Angewandte Chemie</i> , 2016, 128, 6329-6332.	1.6	15
30	Amphoteric Aqueous Hafnium Cluster Chemistry. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6221-6224.	7.2	32
31	Crystallizing Elusive Chromium Polycations. <i>CheM</i> , 2016, 1, 887-901.	5.8	30
32	Monitoring Photochemical Reaction Pathways of Tungsten Hexacarbonyl in Solution from Femtoseconds to Minutes. <i>Journal of Physical Chemistry B</i> , 2016, 120, 13161-13168.	1.2	22
33	Aerosol jet fog (ajFOG) deposition of aluminum oxide phosphate thin films from an aqueous fog. <i>Journal of Materials Research</i> , 2016, 31, 3303-3312.	1.2	5
34	Aqueous process to limit hydration of thin-film inorganic oxides. <i>Solid State Sciences</i> , 2016, 61, 106-110.	1.5	6
35	Reaction Pathway: Aqueous Hexatantalate Clusters to High-Density Tantalum Oxide Nanofilms. <i>Chemistry of Materials</i> , 2016, 28, 1553-1558.	3.2	17
36	Nb ₂ O ₅ and Ta ₂ O ₅ Thin Films from Polyoxometalate Precursors: A Single Proton Makes a Difference. <i>Crystal Growth and Design</i> , 2015, 15, 3885-3892.	1.4	56

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37	Acid-Stable Peroxonio-phosphate Clusters To Make Patterned Films. Chemistry - A European Journal, 2015, 21, 6727-6731.	1.7	39
38	Chemically Amplified Dehydration of Thin Oxide Films. ACS Sustainable Chemistry and Engineering, 2015, 3, 1081-1085.	3.2	11
39	Simultaneous solution-based generation and characterization of crystalline bismuth thin film by femtosecond laser spectroscopy. Applied Physics Letters, 2015, 107, .	1.5	6
40	Amorphous In-Ga-Zn Oxide Semiconducting Thin Films with High Mobility from Electrochemically Generated Aqueous Nanocluster Inks. Chemistry of Materials, 2015, 27, 5587-5596.	3.2	41
41	Atomic solid state energy scale: Universality and periodic trends in oxidation state. Journal of Solid State Chemistry, 2015, 231, 138-144.	1.4	19
42	Ta-based amorphous metal thin films. Journal of Alloys and Compounds, 2015, 650, 102-105.	2.8	15
43	Design Meets Nature: Tetrahedrite Solar Absorbers. Advanced Energy Materials, 2015, 5, 1401506.	10.2	45
44	Solution based prompt inorganic condensation and atomic layer deposition of Al ₂ O ₃ films: A side-by-side comparison. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2014, 32, .	0.9	30
45	Mentoring Graduate Students in Research and Teaching by Utilizing Research as a Template. Journal of Chemical Education, 2014, 91, 200-205.	1.1	8
46	An amorphous oxide semiconductor thin-film transistor route to oxide electronics. Current Opinion in Solid State and Materials Science, 2014, 18, 53-61.	5.6	143
47	<i>in situ</i> characterization of aqueous-based hafnium oxide hydroxide sulfate thin films. Surface and Interface Analysis, 2014, 46, 210-215.	0.8	10
48	Effects of Oxygen Incorporation on the Physical Properties of Amorphous Metal Thin Films. Journal of Physical Chemistry C, 2014, 118, 9647-9651.	1.5	3
49	Chemical and Structural Investigation of High-Resolution Patterning with HafSO _x . ACS Applied Materials & Interfaces, 2014, 6, 2917-2921.	4.0	72
50	Enhanced Thermoelectric Performance of Synthetic Tetrahedrites. Chemistry of Materials, 2014, 26, 2047-2051.	3.2	170
51	Patterning chemistry of HafSO _x resist. Proceedings of SPIE, 2014, , .	0.8	5
52	Electrolytic synthesis of aqueous aluminum nanoclusters and in situ characterization by femtosecond Raman spectroscopy and computations. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18397-18401.	3.3	58
53	Functional Ultrathin Films and Nanolaminates from Aqueous Solutions. Chemistry of Materials, 2013, 25, 210-214.	3.2	27
54	Size-Dependent Structural Distortions in One-Dimensional Nanostructures. Angewandte Chemie - International Edition, 2013, 52, 1982-1985.	7.2	27

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55	Earth-abundant Cu-based chalcogenide semiconductors as photovoltaic absorbers. Journal of Materials Chemistry C, 2013, 1, 657-662.	2.7	29
56	[Sc ₂ (^{1/4} -OH) ₂ (H ₂ O) ₆ (NO ₃) ₂](NO ₃) ₂ : Aqueous Synthesis and Characterization. Inorganic Chemistry, 2013, 52, 1807-1811.	1.9	14
57	Barrier height estimation of asymmetric metal-insulator-metal tunneling diodes. Journal of Applied Physics, 2013, 114, 213703.	1.1	26
58	Inverse Design of High Absorption Thin-Film Photovoltaic Materials. Advanced Energy Materials, 2013, 3, 43-48.	10.2	316
59	A framework for assessing amorphous oxide semiconductor thin-film transistor passivation. Journal of the Society for Information Display, 2012, 20, 589-595.	0.8	5
60	Engineering anisotropic dielectric response through amorphous laminate structures. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 777-784.	0.8	4
61	Oligomeric group 13 hydroxide compounds—a rare but varied class of molecules. Chemical Society Reviews, 2012, 41, 1019-1030.	18.7	72
62	Passivation of Amorphous Oxide Semiconductors Utilizing a Zinc-Tin-Silicon Oxide Barrier Layer. IEEE Electron Device Letters, 2012, 33, 836-838.	2.2	19
63	Synthesis of the Hydroxide Cluster [Al ₁₃ (^{1/4} -OH) ₃ (^{1/4} -OH) ₁₈ (H ₂ O) ₂₄] ⁹⁺ from an Aqueous Solution. Inorganic Chemistry, 2011, 50, 4683-4685.	15.7	57
64	Low-Energy Path to Dense HfO ₂ Thin Films with Aqueous Precursor. Chemistry of Materials, 2011, 23, 945-952.	3.2	87
65	Atomic Solid State Energy Scale. Journal of the American Chemical Society, 2011, 133, 16852-16860.	6.6	42
66	Diffraction light trapping in crystal-silicon films: experiment and electromagnetic modeling. Applied Optics, 2011, 50, 5728.	2.1	3
67	Transistors pick up steam. Nature Materials, 2011, 10, 9-10.	13.3	12
68	Tunable dielectric thin films by aqueous, inorganic solution-based processing. Solid State Sciences, 2011, 13, 2037-2040.	1.5	18
69	Interdiffusion at the BaCuSeF/ZnTe interface. Thin Solid Films, 2011, 519, 7369-7373.	0.8	3
70	Advancing MIM Electronics: Amorphous Metal Electrodes. Advanced Materials, 2011, 23, 74-78.	11.1	106
71	Iron Chalcogenide Photovoltaic Absorbers. Advanced Energy Materials, 2011, 1, 748-753.	10.2	138
72	Competitive device performance of low-temperature and all-solution-processed metal-oxide thin-film transistors. Applied Physics Letters, 2011, 99, .	1.5	64

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73	Directly patterned inorganic hardmask for EUV lithography. Proceedings of SPIE, 2011, , .	0.8	35
74	17.4L: Late-News Paper: Contact Resistance and Process Integration Effects on High-Performance Oxide TFTs with Solution-Deposited Semiconductor and Gate Dielectric Layers. Digest of Technical Papers SID International Symposium, 2010, 41, 241.	0.1	7
75	Photopatternable inorganic hardmask. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2010, 28, C6S19-C6S22.	0.6	22
76	Nanoimprinting for diffractive light trapping in solar cells. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2010, 28, C6M98-C6M103.	0.6	12
77	Band alignment at the BaCuSeF/ZnTe interface. Applied Physics Letters, 2010, 96, 162110.	1.5	9
78	Rational Synthesis and Characterization of a New Family of Low Thermal Conductivity Misfit Layer Compounds [(PbSe) _{0.99}] _m (WSe ₂) _n . Chemistry of Materials, 2010, 22, 1002-1009.	3.2	67
79	Amorphous Metal/Oxide Nanolaminate. ACS Applied Materials & Interfaces, 2010, 2, 1811-1813.	4.0	10
80	Electronic properties of BaCuChF (Ch=S,Se,Te) surfaces and BaCuSeF/ZnPc interfaces. Journal of Applied Physics, 2010, 107, .	1.1	12
81	All-inorganic thermal nanoimprint process. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2010, 28, 823-828.	0.6	16
82	Low-temperature, solution processing of TiO ₂ thin films and fabrication of multilayer dielectric optical elements. Solid State Sciences, 2009, 11, 1692-1699.	1.5	54
83	Superstructure of a phosphor material Ba ₃ MgSi ₂ O ₈ determined by neutron diffraction data. Journal of Solid State Chemistry, 2009, 182, 496-501.	1.4	20
84	High resolution, high sensitivity inorganic resists. Microelectronic Engineering, 2009, 86, 730-733.	1.1	74
85	Synthesis of Heterometallic Groupâ€¦13 Nanoclusters and Inks for Oxide Thinâ€Film Transistors. Angewandte Chemie - International Edition, 2008, 47, 9484-9486.	7.2	66
86	Chalcogen-based transparent conductors. Thin Solid Films, 2008, 516, 5795-5799.	0.8	46
87	Aqueous Inorganic Inks for Low-Temperature Fabrication of ZnO TFTs. Journal of the American Chemical Society, 2008, 130, 17603-17609.	6.6	324
88	Report from the third workshop on future directions of solid-state chemistry: The status of solid-state chemistry and its impact in the physical sciences. Progress in Solid State Chemistry, 2008, 36, 1-133.	3.9	58
89	Solution-Processed Aluminum Oxide Phosphate Thin-Film Dielectrics. Chemistry of Materials, 2007, 19, 4023-4029.	3.2	103
90	Thin-film transistors with transparent amorphous zinc indium tin oxide channel layer. Journal Physics D: Applied Physics, 2007, 40, 1335-1338.	1.3	94

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91	Solution-Processed HfSO_x and ZrSO_x Inorganic Thin-Film Dielectrics and Nanolaminates. <i>Advanced Functional Materials</i> , 2007, 17, 2117-2124.	7.8	98
92	Structure and physical properties of BaCuTeF . <i>Journal of Solid State Chemistry</i> , 2007, 180, 1672-1677.	1.4	30
93	$\text{Na}_3\text{Sc}_2(\text{BO}_3)_3$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, i266-i268.	0.2	7
94	Growth of nonlinear optical crystal $\text{Y}_0.57\text{La}_{0.72}\text{Sc}_{2.71}(\text{BO}_3)_4$. <i>Journal of Crystal Growth</i> , 2006, 292, 464-467.	0.7	22
95	Transparent thin-film transistor exploratory development via sequential layer deposition and thermal annealing. <i>Thin Solid Films</i> , 2006, 515, 2717-2721.	0.8	18
96	Valence band structure of BaCuSF and BaCuSeF . <i>Journal of Applied Physics</i> , 2006, 100, 083705.	1.1	31
97	Nonlinear Optical Crystal $\text{Y}_x\text{La}_y\text{Sc}_z(\text{BO}_3)_4$ ($x + y + z = 4$). <i>ChemInform</i> , 2005, 36, no.	0.1	0
98	Nonlinear Optical Crystal $\text{Y}_x\text{La}_y\text{Sc}_z(\text{BO}_3)_4$ ($x+y+z=4$). <i>Chemistry of Materials</i> , 2005, 17, 2687-2692.	3.2	86
99	Strong Near-Infrared Luminescence in BaSnO_3 . <i>ChemInform</i> , 2004, 35, no.	0.1	2
100	Tin oxide transparent thin-film transistors. <i>Journal Physics D: Applied Physics</i> , 2004, 37, 2810-2813.	1.3	309
101	Strong Near-Infrared Luminescence in BaSnO_3 . <i>Journal of the American Chemical Society</i> , 2004, 126, 9796-9800.	6.6	145
102	Gap modulation in $\text{MCu}[\text{Q}_{1-x}\text{Q}'_x]\text{F}$ ($\text{M}=\text{Ba}, \text{Sr}; \text{Q}, \text{Q}'=\text{S}, \text{Se}, \text{Te}$) and related materials. <i>Thin Solid Films</i> , 2003, 445, 288-293.	0.8	40
103	Synthesis of 3R-CuMO_2 ($\text{M}=\text{Ga}, \text{Sc}, \text{In}$). <i>Journal of Solid State Chemistry</i> , 2003, 173, 355-358.	1.4	27
104	Oxide films: low-temperature deposition and crystallization. <i>Journal of Solid State Chemistry</i> , 2003, 175, 84-87.	1.4	15
105	Spin-coated zinc oxide transparent transistors. <i>Journal Physics D: Applied Physics</i> , 2003, 36, L105-L107.	1.3	258
106	Transparent electronics and prospects for transparent displays. , 2003, , .		2
107	p-type conductivity in wide-band-gap BaCuQF ($\text{Q}=\text{S}, \text{Se}$). <i>Applied Physics Letters</i> , 2003, 82, 2814-2816.	1.5	74
108	Spectra and energy levels of Nd^{3+} in $\text{LaSc}_3(\text{BO}_3)_4$. <i>Journal of Applied Physics</i> , 2003, 93, 3345-3351.	1.1	3

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109	Low-Temperature Thin-Film Deposition and Crystallization. <i>Science</i> , 2002, 297, 65-65.	6.0	93
110	Transparent p-type conducting BaCu ₂ S ₂ films. <i>Applied Physics Letters</i> , 2002, 80, 4393-4394.	1.5	60
111	Cation ordering in langasite structure types. <i>Solid State Sciences</i> , 2002, 4, 799-802.	1.5	11
112	Luminescent impurity doping trends in alternating-current thin-film electroluminescent phosphors. <i>Journal of Luminescence</i> , 2002, 97, 68-81.	1.5	15
113	Zn ₂ GeO ₄ :Mn alternating-current thin-film electroluminescent devices. <i>Journal of Luminescence</i> , 2002, 99, 311-324.	1.5	56
114	Hydrothermal Dehydration of Precipitates: A Convenient Synthesis Method for Solids. <i>Inorganic Chemistry</i> , 2001, 40, 1724-1725.	1.9	10
115	Nonlinear optical borate crystal Ba ₂ B ₁₀ O ₁₇ . , 2001, 4268, 175.		5
116	Spectroscopic and laser properties of Nd ³⁺ in LaSc ₃ (BO ₃) ₄ host. <i>Journal of Applied Physics</i> , 2001, 90, 4997-5001.	1.1	25
117	Stoichiometric, trigonal huntite borate CeSc ₃ (BO ₃) ₄ . <i>Solid State Sciences</i> , 2000, 2, 101-106.	0.8	19
118	Color Control in Sulfide Phosphors: Turning up the Light for Electroluminescent Displays. <i>Chemistry of Materials</i> , 2000, 12, 268-270.	3.2	34
119	RbLi ₂ Ga ₂ (BO ₃) ₃ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 631-632.	0.4	0
120	Synthesis, crystal chemistry, and optical properties of metal borates. <i>Current Opinion in Solid State and Materials Science</i> , 1999, 4, 155-162.	5.6	118
121	CaAl ₂ (BO ₃) ₂ O: Crystal Structure. <i>Materials Research Bulletin</i> , 1998, 33, 299-304.	2.7	33
122	Eu ²⁺ Luminescence in the Borates X ₂ Z(BO ₃) ₂ (X = Ba, Sr; Z = Mg, Ca). <i>Chemistry of Materials</i> , 1997, 9, 2071-2077.	3.2	99
123	Synthesis, Structure, and Properties of the Noncentrosymmetric Pyroborate BaCuB ₂ O ₅ . <i>Journal of Solid State Chemistry</i> , 1997, 129, 184-188.	1.4	15
124	New Layered Polyborates Cs ₂ M ₂ B ₁₀ O ₁₇ (M = Na, K). <i>Inorganic Chemistry</i> , 1996, 35, 463-466.	1.9	28
125	Borates for optical frequency conversion. <i>Current Opinion in Solid State and Materials Science</i> , 1996, 1, 204-211.	5.6	135
126	Eu ²⁺ Luminescence Color: a Structure-Property Relationship. <i>Materials Research Society Symposia Proceedings</i> , 1996, 453, 247.	0.1	6

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127	Red, green, and blue Eu ²⁺ luminescence in solid-state borates: A structure-property relationship. <i>Materials Research Bulletin</i> , 1996, 31, 147-151.	2.7	88
128	Crystal Chemistry of Noncentrosymmetric Alkali-Metal Nb and Ta Oxide Pyroborates. <i>Journal of Solid State Chemistry</i> , 1995, 120, 74-79.	1.4	19
129	Structure and Eu ²⁺ luminescence of dibarium magnesium orthoborate. <i>Materials Research Bulletin</i> , 1995, 30, 105-111.	2.7	85
130	CsLiB ₆ O ₁₀ : A noncentrosymmetric polyborate. <i>Materials Research Bulletin</i> , 1995, 30, 209-215.	2.7	170
131	CRYSTAL STRUCTURE OF THE BORATE Ba ₂ Ca(BO ₃) ₂ . <i>Main Group Metal Chemistry</i> , 1995, 18, .	0.6	16
132	Sr ₂ LiSiO ₄ F: Synthesis, Structure, and Eu ²⁺ Luminescence. <i>Chemistry of Materials</i> , 1995, 7, 1299-1302.	3.2	52
133	Tetrahedral Triangular 3-D Framework and Europium Luminescence in the Borate BaBe ₂ (BO ₃) ₂ . <i>Inorganic Chemistry</i> , 1994, 33, 1201-1204.	1.9	21
134	The Pyroborate Fluoride Ba ₅ (B ₂ O ₅) ₂ F ₂ . <i>Journal of Solid State Chemistry</i> , 1993, 106, 310-316.	1.4	18
135	Structure of distrontium scandium heptafluoride and chromium(III) luminescence. <i>Materials Research Bulletin</i> , 1993, 28, 931-938.	2.7	11
136	Barium solubility in colquiriite fluorides. <i>Materials Research Bulletin</i> , 1993, 28, 1337-1344.	2.7	3
137	New Borate Structures for Nlo Applications. <i>Materials Research Society Symposia Proceedings</i> , 1993, 329, 15.	0.1	58
138	Formation of a Photoluminescent Surface on nâ€Si by Irradiation Without an Externally Applied Potential. <i>Journal of the Electrochemical Society</i> , 1993, 140, L97-L98.	1.3	27
139	Crystal chemistry of colquiriite-type fluorides. <i>Chemistry of Materials</i> , 1992, 4, 645-648.	3.2	24
140	The noncentrosymmetric orthoborate BaZn ₂ (BO ₃) ₂ . <i>Journal of Solid State Chemistry</i> , 1992, 100, 325-330.	1.4	44
141	Structural and electronic properties of indium-doped YBa ₂ Cu ₃ O _{7-δ} . <i>Journal of Materials Research</i> , 1991, 6, 446-449.	1.2	4
142	Synthesis, structure, and properties of the orthoborate SrCu ₂ (BO ₃) ₂ . <i>Journal of Solid State Chemistry</i> , 1991, 93, 430-435.	1.4	120
143	The mixed orthoborate pyroborates Sr ₂ Sc ₂ B ₄ O ₁₁ and Ba ₂ Sc ₂ B ₄ O ₁₁ : Pyroborate geometry. <i>Journal of Solid State Chemistry</i> , 1991, 95, 126-135.	1.4	42
144	The layered borate SrBe ₂ (BO ₃) ₂ . <i>Journal of Solid State Chemistry</i> , 1990, 85, 270-274.	1.4	25

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145	The pentaborate Ba ₂ LiB ₅ O ₁₀ . Materials Research Bulletin, 1989, 24, 725-731.	2.7	21
146	Syntheses and crystal structures of the $\hat{1}\pm$ - and $\hat{1}^2$ -forms of the orthoborate Sr ₂ Cu(BO ₃) ₂ . Journal of Solid State Chemistry, 1989, 81, 305-313.	1.4	27
147	The new strontium scandium borate Sr ₃ Sc(BO ₃) ₃ . Chemistry of Materials, 1989, 1, 292-294.	3.2	27
148	Structure of laser-pulse-plasma-induced carbon clusters: Explanation of the magic numbers. Physical Review B, 1987, 36, 4570-4573.	1.1	25
149	New ternary and quaternary transition-metal selenides: Syntheses and characterization. Journal of Solid State Chemistry, 1985, 57, 68-81.	1.4	40
150	Preparation, characterization, and physical properties of the series MPd ₃ S ₄ (M = rare earth). Journal of the Chemical Society Dalton Transactions, 1985, , 2369.	1.1	17
151	A new structural type in ternary chalcogenide chemistry: Structure and properties of Nb ₂ Pd ₃ Se ₈ . Journal of Solid State Chemistry, 1984, 52, 73-79.	1.4	33
152	Scandium Strontium Borate, Aluminum Strontium Yttrium Borate, and Lanthanum Magnesium Strontium Borate. Inorganic Syntheses, 0, , 257-262.	0.3	0