Detlef Klimm

List of Publications by Year
in descending order

162 papers	4,574 citations	196777 29 h-index	129628 63 g-index
170 all docs	170 docs citations	170 times ranked	4062 citing authors

#	Article	IF	Citations
1	Phase diagram studies for the growth of (Mg,Zr):SrGa12O19 crystals. Journal of Thermal Analysis and Calorimetry, 2022, 147, 7133-7139.	2.0	1
2	Rare-earth doped mixed sesquioxides for ultrafast lasers [Invited]. Optical Materials Express, 2022, 12, 1074.	1.6	26
3	On Thermodynamic Aspects of Oxide Crystal Growth. Applied Sciences (Switzerland), 2022, 12, 2774.	1.3	0
4	Two inch diameter, highly conducting bulk Î² -Ga2O3 single crystals grown by the Czochralski method. Applied Physics Letters, 2022, 120, .	1.5	31
5	WÃ¼stite (Fe_{1â^'x}O)Ââ€“ Thermodynamics and crystal growth. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2022, 77, 463-468.	0.3	2
6	Bulk single crystals of Î²-Ga2O3 and Ga-based spinels as ultra-wide bandgap transparent semiconducting oxides. Progress in Crystal Growth and Characterization of Materials, 2021, 67, 100511.	1.8	47
7	Crystal growth and thermodynamic investigation of Bi₂M²⁺O₄ (M = Pd, Cu). CrystEngComm, 2021, 23, 3230-3238.	1.3	4
8	Reaction of calcium carbonate minerals in sodium silicate solution and its role in alkali-activated systems. Minerals Engineering, 2021, 165, 106849.	1.8	42
9	Czochralski growth of mixed cubic sesquioxide crystals in the ternary system Lu₂O₃â€“Sc₂O₃â€“Y₂O₃. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 550-558.	0.5	23
10	Melt Growth and Physical Properties of Bulk LaInO 3 Single Crystals. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100016.	0.8	9
11	Experimental Hall electron mobility of bulk single crystals of transparent semiconducting oxides. Journal of Materials Research, 2021, 36, 4746-4755.	1.2	9
12	AlF3-assisted flux growth of mullite whiskers and their application in fabrication of porous mullite-alumina monoliths. Open Ceramics, 2021, 7, 100145.	1.0	6
13	Thermal anomalies and phase transitions in Pb2Sc2Si2O9 and Pb2In2Si2O9. Zeitschrift Fur Kristallographie - Crystalline Materials, 2021, .	0.4	0
14	REScO 3 Substratesâ€”Purveyors of Strain Engineering. Crystal Research and Technology, 2020, 55, 1900111.	0.6	2
15	Czochralski-grown bulk Î²-Ga2O3 single crystals doped with mono-, di-, tri-, and tetravalent ions. Journal of Crystal Growth, 2020, 529, 125297.	0.7	78
16	Bulk Î²-Ga2O3 single crystals doped with Ce, Ce+Si, Ce+Al, and Ce+Al+Si for detection of nuclear radiation. Journal of Alloys and Compounds, 2020, 818, 152842.	2.8	28
17	Growth of CuFeO2 single crystals by the optical floating-zone technique. Journal of Crystal Growth, 2020, 532, 125426.	0.7	18
18	Suitability of binary oxides for molecular-beam epitaxy source materials: A comprehensive thermodynamic analysis. APL Materials, 2020, 8, .	2.2	28

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19	Czochralski growth and characterization of perovskite-type (La,Nd)(Lu,Sc)O3 single crystals with a pseudocubic lattice parameter of about 4.09ÂÃ…. Journal of Crystal Growth, 2020, 536, 125526.	0.7	3
20	Single crystal growth and characterization of Ba2ScNbO6 â€“ A novel substrate for BaSnO3 films. Journal of Crystal Growth, 2019, 528, 125263.	0.7	10
21	Thermodynamic Investigation of Ternary Delafossite Crystals. Crystal Research and Technology, 2019, 54, 1900036.	0.6	2
22	Indium incorporation in homoepitaxial Î²-Ga2O3 thin films grown by metal organic vapor phase epitaxy. Journal of Applied Physics, 2019, 125, .	1.1	14
23	Thermal analysis and crystal growth of doped Nb2O5. Journal of Crystal Growth, 2019, 509, 60-65.	0.7	7
24	Ultra-wide bandgap, conductive, high mobility, and high quality melt-grown bulk ZnGa2O4 single crystals. APL Materials, 2019, 7, .	2.2	74
25	Investigation of the Nd2O3â€“Lu2O3â€“Sc2O3 phase diagram for the preparation of perovskite-type mixed crystals NdLu1â^'Sc O3. Journal of Crystal Growth, 2019, 505, 38-43.	0.7	2
26	Doping of Czochralski-grown bulk Î²-Ga2O3 single crystals with Cr, Ce and Al. Journal of Crystal Growth, 2018, 486, 82-90.	0.7	83
27	Thermal conductivity of rare-earth scandates in comparison to other oxidic substrate crystals. Journal of Alloys and Compounds, 2018, 738, 415-421.	2.8	10
28	Czochralski growth and characterization of Tb_xGd_{1â^'x}ScO₃and Tb_xDy_{1â^'x}ScO₃solid-solution single crystals. CrystEngComm, 2018, 20, 2868-2876.	1.3	8
29	Towards graphite-free hot zone for directional solidification of silicon. Journal of Crystal Growth, 2018, 492, 18-23.	0.7	5
30	On melt solutions for the growth of CaTiO3 crystals. Journal of Crystal Growth, 2018, 486, 117-121.	0.7	4
31	Sol-gel growth and characterization of In2O3 thin films. Thin Solid Films, 2018, 645, 383-390.	0.8	8
32	Thermodynamic investigations on the growth of CuAlO2 delafossite crystals. Journal of Solid State Chemistry, 2018, 258, 495-500.	1.4	14
33	Widely tunable, efficient 2 Î¼m laser in monocrystalline Tm3+:SrF2. Optics Express, 2018, 26, 5368.	1.7	28
34	Physical vapor transport growth of bulk Al1â^'xScxN single crystals. Journal of Crystal Growth, 2018, 500, 74-79.	0.7	2
35	Efficient and Broadly Tunable Eye-Safe Laser Operation in a Single Crystal of Tm-Doped Strontium Fluoride (Tm:SrF2). , 2018, , .		0
36	Large-lattice-parameter perovskite single-crystal substrates. Journal of Crystal Growth, 2017, 457, 137-142.	0.7	42

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37	Crystal growth and characterization of the pyrochlore Tb₂Ti₂O₇. CrystEngComm, 2017, 19, 3908-3914.	1.3	11
38	Czochralski growth and characterization of cerium doped calcium scandate. CrystEngComm, 2017, 19, 2553-2560.	1.3	4
39	Melt growth and properties of bulk BaSnO₃single crystals. Journal of Physics Condensed Matter, 2017, 29, 075701.	0.7	28
40	Thermal stability of Îµ-Ga2O3 polymorph. Acta Materialia, 2017, 140, 411-416.	3.8	84
41	Solidification of NaClâ€“LiFâ€“ $$hbox {CaF}_{2}$$ CaF 2 ternary composites. Journal of Materials Science, 2017, 52, 5520-5530.	1.7	0
42	Single crystal fiber growth of cerium doped strontium yttrate, SrY2O4:Ce3+. Journal of Crystal Growth, 2017, 459, 17-22.	0.7	10
43	Scaling-Up of Bulk Î²-Ga₂O₃Single Crystals by the Czochralski Method. ECS Journal of Solid State Science and Technology, 2017, 6, Q3007-Q3011.	0.9	280
44	Reevaluation of phase relations in the chemical system neodymium lutetium oxide NdLuO₃. Crystal Research and Technology, 2017, 52, 1600237.	0.6	4
45	Scintillator Crystals. , 2016, , .		0
46	Growth of Bulk ZnO. , 2016, , .		0
47	Thermal Stability of Materials for Thin-Film Electrochemical Cells Investigated by Thin-Film Calorimetry. MRS Advances, 2016, 1, 1043-1049.	0.5	2
48	Conditions for the growth of Fe 1â^'x O crystals using the micro-pulling-down technique. Journal of Crystal Growth, 2016, 450, 203-206.	0.7	2
49	Langasite-Type Resonant Sensors for Harsh Environments. MRS Advances, 2016, 1, 1513-1518.	0.5	10
50	Semiconducting Sn-doped Î²-Ga2O3 homoepitaxial layers grown by metal organic vapour-phase epitaxy. Journal of Materials Science, 2016, 51, 3650-3656.	1.7	116
51	Scintillator Crystals. , 2016, , 103-109.		0
52	On the influence of inversion on thermal properties of magnesium gallium spinel. Crystal Research and Technology, 2015, 50, 961-966.	0.6	21
53	Guest Editors' Preface. Crystal Research and Technology, 2015, 50, 1-1.	0.6	3
54	MgGa₂ O₄ as a new wide bandgap transparent semiconducting oxide: growth and properties of bulk single crystals. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 1455-1460.	0.8	56

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55	Influence of oxygen partial pressure on SrTiO₃bulk crystal growth from non-stoichiometric melts. CrystEngComm, 2015, 17, 3224-3234.	1.3	12
56	Phase Equilibria. , 2015, , 85-136.		3
57	Homoepitaxial growth of Î²â€Ga₂O₃ layers by metalâ€organic vapor phase epitaxy. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 27-33.	0.8	170
58	Electronic materials with a wide band gap: recent developments. IUCrJ, 2014, 1, 281-290.	1.0	31
59	Characterization of (Bi0.5Na0.5)1â^'Ba TiO3 grown by the TSSG method. Journal of Crystal Growth, 2014, 401, 351-354.	0.7	8
60	Growth, characterization, and properties of bulk SnO₂ single crystals. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 66-73.	0.8	46
61	Directional solidification of the eutectic LiFâ€“LiYF4 using Bridgman and micro-pulling down techniques: Microstructural study and some properties. Journal of the European Ceramic Society, 2014, 34, 2051-2059.	2.8	5
62	Intra-cavity frequency-doubled Cr:LiCAF laser with 265mW continuous-wave blue (395â€“405nm) output. Optics Communications, 2014, 320, 38-42.	1.0	5
63	Thermal Analysis and Phase Relations in the Pseudobinary System La₂W₂O₉â€“Li₂W₂O₇. Crystal Growth and Design, 2014, 14, 5593-5598.	1.4	1
64	On the bulk Î²-Ga2O3 single crystals grown by the Czochralski method. Journal of Crystal Growth, 2014, 404, 184-191.	0.7	556
65	Top-seeded solution growth of SrTiO3 crystals and phase diagram studies in the SrOâ€“TiO2 system. CrystEngComm, 2014, 16, 1735.	1.3	15
66	Ce³⁺:CaSc₂O₄ Crystal Fibers for Green Light Emission: Growth Issues and Characterization. Materials Research Society Symposia Proceedings, 2014, 1655, 1.	0.1	2
67	Experimental evaluation and thermodynamic assessment of the LiFâ€“LuF3 phase diagram. Thermochimica Acta, 2013, 552, 137-141.	1.2	8
68	Laser-heated pedestal growth of cerium doped calcium scandate crystal fibers. Journal of Crystal Growth, 2013, 363, 270-276.	0.7	8
69	Melt growth, characterization and properties of bulk In2O3 single crystals. Journal of Crystal Growth, 2013, 362, 349-352.	0.7	62
70	Effect of heat treatment on properties of melt-grown bulk In₂O₃single crystals. CrystEngComm, 2013, 15, 2220-2226.	1.3	40
71	Thermal analysis and phase diagram of the LiFâ€“BiF3 system. Thermochimica Acta, 2013, 551, 131-135.	1.2	6
72	Growth and Investigation of Nd_{1-x}Sm_{x}ScO_3 and Sm_{1-x}Gd_{x}ScO_3 Solid-Solution Single Crystals. Acta Physica Polonica A, 2013, 124, 295-300.	0.2	22

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73	The cooling rate of the El'gygytgyn impact glass. Meteoritics and Planetary Science, 2013, 48, 1351-1358.	0.7	2
74	Investigation of Different Nano Scale Energetic Material Systems for Reactive Wafer Bonding. ECS Transactions, 2013, 50, 241-251.	0.3	16
75	Growth of Self Organized Eutectic Fibers from LiFâ"€Rare Earth Fluoride Systems. Materials Research Society Symposia Proceedings, 2013, 1508, 1.	0.1	1
76	Efficient Tunable Blue Light Sources Based on Diode-Pumped Low-Cost Cr:LiCAF Lasers. , 2013, , .		0
77	Low-cost, broadly tunable (375â€“433Ânm & 746â€“887Ânm) Cr:LiCAF laser pumped by one single-spatial-mode diode. Applied Optics, 2012, 51, 8440.	0.9	19
78	Growth Techniques for Bulk ZnO and Related Compounds. Materials Research Society Symposia Proceedings, 2012, 1394, 32.	0.1	3
79	Thermodynamic modeling of the LiFâ€“YF3 phase diagram. Journal of Crystal Growth, 2012, 360, 172-175.	0.7	13
80	Crystal growth of solid solutions by zone melting technique. Journal of Crystal Growth, 2012, 347, 99-103.	0.7	3
81	High melting point oxides â€“ a challenge for crystal growth. Crystal Research and Technology, 2012, 47, 247-252.	0.6	3
82	The investigation of YAlO3â€“NdAlO3 system, synthesis and characterization. Journal of Alloys and Compounds, 2011, 509, 8615-8619.	2.8	8
83	Segregation of Mg in Zn1â^'xMgxO single crystals grown from the melt. Journal of Crystal Growth, 2011, 334, 118-121.	0.7	4
84	On the effect of oxygen partial pressure on the chromium distribution coefficient in melt-grown ruby crystals. Journal of Crystal Growth, 2011, 325, 81-84.	0.7	12
85	Characterization of ZnO crystals grown by the vertical Bridgman method. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 37-41.	0.8	1
86	Formation of oxygen deficient BaPbO3-x by oxalate decomposition. Crystal Research and Technology, 2011, 46, n/a-n/a.	0.6	1
87	Characterization of microstructural defects in melt grown ZnO single crystals. Journal of Applied Physics, 2011, 109, .	1.1	19
88	Growth of Bulk ZnO. , 2011, , 302-338.		12
89	Melt growth of ZnO bulk crystals in Ir crucibles. Solid State Sciences, 2010, 12, 307-310.	1.5	27
90	Czochralski growth and characterization of Î²â€Ga₂O₃ single crystals. Crystal Research and Technology, 2010, 45, 1229-1236.	0.6	378

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91	Application of predominance diagrams in melt growth of oxides. Crystal Research and Technology, 2010, 45, 1219-1224.	0.6	4
92	The melting behavior of lutetium aluminum perovskite. Journal of Crystal Growth, 2010, 312, 730-733.	0.7	8
93	Pseudohalide vapour growth of thick GaN layers. Journal of Crystal Growth, 2010, 312, 750-755.	0.7	9
94	Homoepitaxial MgxZn1â^'xO (0â‰¤xâ‰¤0.22) thin films grown by pulsed laser deposition. Thin Solid Films, 2010, 518, 4623-4629.	0.8	10
95	Identification of Zn-vacancyâ€“hydrogen complexes in ZnO single crystals: A challenge to positron annihilation spectroscopy. Physical Review B, 2009, 79, .	1.1	117
96	Self-Organized V - Mo Oxide Fibers by the Micro-Pulling Down Method. Materials Research Society Symposia Proceedings, 2009, 1223, 3091.	0.1	1
97	Influence of the atmosphere on the growth of LiYF4single crystal fibers by the micro-pulling-down method. Crystal Research and Technology, 2009, 44, 137-140.	0.6	13
98	Nd(III) and Yb(III) ions incorporated in Y₄Al₂O₉ obtained by solâ€gel method: synthesis, structure, crystals and luminescence. Crystal Research and Technology, 2009, 44, 146-152.	0.6	6
99	Problems in the thermal investigation of the BaF2-YF3 system. Journal of Thermal Analysis and Calorimetry, 2009, 95, 43-48.	2.0	11
100	Growth of oxide compounds under dynamic atmosphere composition. Journal of Crystal Growth, 2009, 311, 534-536.	0.7	39
101	Octahedral Cation Exchange in (Co_{0.21}Mg_{0.79})₂SiO₄Olivine at High Temperatures: Kinetics, Point Defect Chemistry, and Cation Diffusion. Journal of Physical Chemistry C, 2009, 113, 6267-6274.	1.5	9
102	Effect of on the growth and thermal properties of K2SO4 crystal. Journal of Physics and Chemistry of Solids, 2008, 69, 2356-2359.	1.9	3
103	Reâ€determination of the pseudobinary system Li₂O â€“ MoO₃. Crystal Research and Technology, 2008, 43, 350-354.	0.6	22
104	Phase equilibria and prospects of crystal growth in the system LiFâ€“GdF₃â€“LuF₃. Crystal Research and Technology, 2008, 43, 1168-1172.	0.6	2
105	Phase diagram analysis and crystal growth of solid solutions. Journal of Crystal Growth, 2008, 310, 152-155.	0.7	32
106	Effects of the Li-evaporation on the Czochralski growth of Î³-LiAlO2. Journal of Crystal Growth, 2008, 310, 214-220.	0.7	18
107	Inductively heated Bridgman method for the growth of zinc oxide single crystals. Journal of Crystal Growth, 2008, 310, 1832-1835.	0.7	35
108	Phase equilibria, crystal growth and characterization of the novel ferroelectric tungsten bronzes (CBN) and (CSBN). Journal of Crystal Growth, 2008, 310, 2288-2294.	0.7	45

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109	Properties of rare-earth scandate single crystals (Re=Ndâ˜Dy). Journal of Crystal Growth, 2008, 310, 2649-2658.	0.7	137
110	The growth of ZnO crystals from the melt. Journal of Crystal Growth, 2008, 310, 3009-3013.	0.7	52
111	The phase diagram â€“. Journal of Solid State Chemistry, 2008, 181, 1070-1074.	1.4	21
112	The phase diagram YF3â€“GdF3. Materials Research Bulletin, 2008, 43, 676-681.	2.7	12
113	Phase Equilibria and Crystal Growth for LiREF4 Scheelite Laser Crystals. Materials Research Society Symposia Proceedings, 2008, 1111, 1.	0.1	2
114	Radical-source molecular beam epitaxy of ZnMgO and ZnCdO alloys on ZnO substrates. Applied Physics Letters, 2007, 91, 201923.	1.5	44
115	On the solubility of in. Journal of Alloys and Compounds, 2007, 436, 204-208.	2.8	15
116	The solid state phase transformation of potassium sulfate. Solid State Communications, 2007, 141, 497-501.	0.9	18
117	Theoretical model for calculation of thermal diffusion factors in diluted binary melts. Chemical Physics Letters, 2007, 444, 202-204.	1.2	2
118	Dopant segregations in oxide single-crystal fibers grown by the micro-pulling-down method. Optical Materials, 2007, 30, 11-14.	1.7	31
119	Crystal growth and characterization of (CBN) in the composition range of. Journal of Crystal Growth, 2007, 299, 413-417.	0.7	25
120	Bridgman-grown zinc oxide single crystals. Journal of Crystal Growth, 2006, 296, 27-30.	0.7	54
121	The control of iron oxidation state during FeO and olivine crystal growth. Journal of Crystal Growth, 2005, 275, e849-e854.	0.7	19
122	Growth of olivine single crystals by the micro-pulling-down method. Crystal Research and Technology, 2005, 40, 359-362.	0.6	5
123	Growth and characterization of LiCaGaF6. Crystal Research and Technology, 2005, 40, 26-31.	0.6	3
124	Melting behavior and growth of colquiriite laser crystals. Crystal Research and Technology, 2005, 40, 352-358.	0.6	11
125	Growth and Characterization of LiCaGaF6.. ChemInform, 2005, 36, no.	0.1	0
126	Na-Gd phosphate glasses. Journal of Thermal Analysis and Calorimetry, 2005, 80, 735-738.	2.0	10

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127	Czochralski growth of Ti:sapphire laser crystals. , 2005, 5990, 53.		13
128	Assay measurements of oxide materials by thermogravimetry and ICP-OES. Thermochimica Acta, 2004, 419, 189-193.	1.2	11
129	A study on the influence of ytterbium and impurities on lattice parameters and the phase transition temperature of Czochralski-grown LiNbO3. Journal of Physics and Chemistry of Solids, 2004, 65, 1297-1305.	1.9	10
130	Reproducible defect etching of SiC single crystals. Journal of Crystal Growth, 2004, 270, 1-6.	0.7	33
131	Does Valency of Pr Ions Influence Color of SrPrGaO4Single Crystals?. Crystal Growth and Design, 2004, 4, 497-501.	1.4	11
132	Comments on â€œPhase equilibria in the pseudo-binary systems LiFâ€“CaAlF5 and LiFâ€“SrAlF5â€•[J. Crystal Growth 235 (2002) 596]. Journal of Crystal Growth, 2003, 249, 388-390.	0.7	4
133	Phase Separation in Oxideâ^'Borate Mixed Systems. Journal of Chemical & Engineering Data, 2003, 48, 120-123.	1.0	2
134	Phase separation during the melting of oxide borates LnCa4O(BO3)3 (Ln=Y, Gd). Materials Research Bulletin, 2002, 37, 1737-1747.	2.7	21
135	OH impurities in GaPO4 crystals: correlation between infrared absorption and mass loss during thermal treatment. Journal of Crystal Growth, 2002, 237-239, 837-842.	0.7	10
136	Single crystal growth of the tetragonal tungsten bronze CaxBa1â^'xNb2O6 (x=0.28; CBN-28). Journal of Crystal Growth, 2002, 240, 1-5.	0.7	61
137	Lead Tungstate (PWO) and other Scintillator Crystals. , 2001, , 4448-4453.		3
138	Re-activation of an all solid state oxygen sensor. Analytica Chimica Acta, 2001, 437, 183-190.	2.6	11
139	Growth conditions and composition of terbium aluminum garnet single crystals grown by the micro pulling down technique. Journal of Crystal Growth, 2001, 225, 454-457.	0.7	29
140	Facet-Affected Czochralski Growth of SrLaAlO4 Crystals. Crystal Growth and Design, 2001, 1, 321-325.	1.4	4
141	Structural Phase Transformations in Crystalline Gallium Orthophosphate. Journal of Solid State Chemistry, 2000, 149, 180-188.	1.4	30
142	Growth of Barium Cerate Crystals from BaCl2 Solution. Crystal Research and Technology, 2000, 35, 493-499.	0.6	6
143	Czochralski grown Ga2O3 crystals. Journal of Crystal Growth, 2000, 220, 510-514.	0.7	348
144	Growth of Cr:LiCaAlF6 and Cr:LiSrAlF6 by the Czochralski method. Journal of Crystal Growth, 2000, 210, 683-693.	0.7	29

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145	Thermoanalytic measurements with oxides at temperatures up to 2000Â°C. Thermochimica Acta, 1999, 339, 111-116.	1.2	4
146	Ternary Colquiriite Type Fluorides as Laser Hosts. Crystal Research and Technology, 1999, 34, 145-152.	0.6	14
147	On the Crystallization of Terbium Aluminium Garnet. Crystal Research and Technology, 1999, 34, 615-619.	0.6	112
148	Transmission Electron Microscope Study of Secondary Phases in Cr3+:LiCaAlF6 Single Crystals. Crystal Research and Technology, 1999, 34, 1221-1227.	0.6	5
149	Terbium aluminum garnet-phase diagram and crystal growth. , 1999, 3724, 52.		3
150	Nonstoichiometry of the New Laser Host LiCaAlF6. Crystal Research and Technology, 1998, 33, 409-416.	0.6	18
151	<title>Morphologic defects in Cr3+:LiCaAlF6 crystals grown by the Czochralski method</title>. , 1997, , .		5
152	Crystal structure and defects in Czochralski-grown LiCaAlF6. Acta Crystallographica Section A: Foundations and Advances, 1996, 52, C518-C518.	0.3	0
153	Nucleation of Cracks in CdS during Ultrasonic Treatment. Crystal Research and Technology, 1995, 30, 541-546.	0.6	0
154	Ultrasonic deformation of crystals with frequencies near 100 kHz. Review of Scientific Instruments, 1995, 66, 1072-1076.	0.6	0
155	Local phase transition in GaP and GaAs analysed using internal friction and Young's modulus data. Physica Status Solidi A, 1994, 143, 305-317.	1.7	3
156	Plastic deformation of GaAs by ultrasonic treatment. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1994, 69, 741-750.	0.8	7
157	Ultrasonic treatment of GaP and GaAs. Physica Status Solidi A, 1993, 138, 517-521.	1.7	9
158	Mechanical Damping of YBa2Cu3O7 â€“x at Temperatures above 300 K. Crystal Research and Technology, 1991, 26, 631-637.	0.6	0
159	Internal friction in lithium alumino borosilicate glasses. Crystal Research and Technology, 1989, 24, K61-K64.	0.6	0
160	Propagation of cracks in GaP as revealed by measurement of ultrasonic damping. Crystal Research and Technology, 1988, 23, K121-K124.	0.6	4
161	Positron study of vacancy defects in proton and neutron irradiated GaP, InP, and Si. Physica Status Solidi A, 1988, 106, 81-88.	1.7	20
162	Point defects in GaP single crystals investigated by mechanical damping. Crystal Research and Technology, 1987, 22, 1023-1030.	0.6	3