

Guang-Hui Zhang

List of Publications by Year in descending order

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129
papers

2,590
citations

218381

26
h-index

253896

43
g-index

129
all docs

129
docs citations

129
times ranked

3010
citing authors

#	ARTICLE	IF	CITATIONS
1	Lightweight and Resilient ZrO ₂ •TiO ₂ Fiber Sponges with Layered Structure for Thermal Insulation. <i>Advanced Engineering Materials</i> , 2022, 24, .	1.6	18
2	Effect of high-pressure vapor on the microstructure and mechanical properties of TiO ₂ continuous fibers. <i>Ceramics International</i> , 2022, 48, 10659-10666.	2.3	3
3	Electrospun flexible calcium zirconate fiber membrane with excellent thermal stability and alkali resistance. <i>Ceramics International</i> , 2022, 48, 12408-12414.	2.3	9
4	Modification of YSZ fiber composites by Al ₂ TiO ₅ fibers for high thermal shock resistance. <i>Journal of Advanced Ceramics</i> , 2022, 11, 922-934.	8.9	23
5	Water-stable metal-organic framework (UiO-66) supported on zirconia nanofibers membrane for the dynamic removal of tetracycline and arsenic from water. <i>Applied Surface Science</i> , 2022, 596, 153559.	3.1	19
6	Strong Flexible Ceramic Nanofiber Membranes for Ultrafast Separation of Oil Pollutants. <i>ACS Applied Nano Materials</i> , 2022, 5, 9389-9400.	2.4	7
7	High-temperature flexible, strength and hydrophobic YSZ/SiO ₂ nanofibrous membranes with excellent thermal insulation. <i>Journal of the European Ceramic Society</i> , 2021, 41, 1471-1480.	2.8	51
8	Electrospun lanthanum-doped barium titanate ceramic fibers with excellent dielectric performance. <i>Materials Characterization</i> , 2021, 172, 110859.	1.9	11
9	Effects of the atmosphere on the high tensile strength and robust flexibility of Lu ₂ O ₃ fibrous membrane. <i>Ceramics International</i> , 2021, 47, 8382-8388.	2.3	4
10	Self-supporting super hydrophilic MgFe ₂ O ₄ flexible fibers for Pb(II) adsorption. <i>Separation and Purification Technology</i> , 2021, 266, 118584.	3.9	13
11	High temperature and high strength Y ₂ Zr ₂ O ₇ flexible fibrous membrane for efficient heat insulation and acoustic absorption. <i>Chemical Engineering Journal</i> , 2021, 416, 128994.	6.6	46
12	Preparation and excellent dielectric properties of flexible Ba _{0.7} Sr _{0.29} La _{0.01} TiO ₃ composite fiber ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 26359-26370.	1.1	0
13	Efficient removal of phosphate from aqueous solution by mesoporous Zr/La hydroxide fibers prepared with high-pressure steam heat treatment. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106697.	3.3	5
14	Preparation and fine thermal insulation performance of Gd ₂ Zr ₂ O ₇ /ZrO ₂ composite fibers. <i>Ceramics International</i> , 2020, 46, 1615-1620.	2.3	8
15	Electrospun SiO ₂ -MgO hybrid fibers for heavy metal removal: Characterization and adsorption study of Pb(II) and Cu(II). <i>Journal of Hazardous Materials</i> , 2020, 381, 120974.	6.5	85
16	Electrospinning fabrication of flexible Fe ₃ O ₄ fibers by sol-gel method with high saturation magnetization for heavy metal adsorption. <i>Materials and Design</i> , 2020, 186, 108298.	3.3	42
17	Zirconia/polyethylene terephthalate ceramic fiber paper separator for high-safety lithium-ion battery. <i>Ionics</i> , 2020, 26, 6057-6067.	1.2	10
18	Preparation of mesoporous zirconia ceramic fibers modified by dual surfactants and their phosphate adsorption characteristics. <i>Ceramics International</i> , 2020, 46, 14019-14029.	2.3	15

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19	Citric-acid-assisted sol-gel synthesis of mesoporous silicon-magnesium oxide ceramic fibers and their adsorption characteristics. <i>Ceramics International</i> , 2020, 46, 10105-10114.	2.3	14
20	High-Efficient Photocatalytic Performance under Visible Light of Functionalized TiO ₂ Nanofibers via Steam and Pressure Co-Modification. <i>Journal of Physical Chemistry C</i> , 2019, 123, 17306-17317.	1.5	11
21	Preparation, mechanical properties, and diffuse reflectance of YAG continuous fibers and nanofibers. <i>Ceramics International</i> , 2019, 45, 21213-21219.	2.3	13
22	Flexible TiO ₂ ceramic fibers near-infrared reflective membrane fabricated by electrospinning. <i>Ceramics International</i> , 2019, 45, 6959-6965.	2.3	19
23	Controllable synthesis of Ag/AgCl@MIL-88A <i>in situ</i> growth method for morphology-dependent photocatalytic performance. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5451-5460.	2.7	33
24	Effect of La ₂ O ₃ on Grain Refinement and Thermal Conductivity of 6 mol % Y ₂ O ₃ ZrO ₂ Fibers. <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 1464-1468.	0.3	2
25	Improved preparation of electrospun MgO ceramic fibers with mesoporous structure and the adsorption properties for lead and cadmium. <i>Ceramics International</i> , 2019, 45, 3743-3753.	2.3	36
26	Zirconia fiber membranes based on PVDF as high-safety separators for lithium-ion batteries using a papermaking method. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 269-276.	1.2	18
27	Template-free synthesis of MgO mesoporous nanofibers with superior adsorption for fluoride and Congo red. <i>Ceramics International</i> , 2018, 44, 9454-9462.	2.3	42
28	Photocatalytic selective hydroxylation of phenol to dihydroxybenzene by BiOI/TiO ₂ p-n heterojunction photocatalysts for enhanced photocatalytic activity. <i>Applied Surface Science</i> , 2018, 439, 1047-1056.	3.1	77
29	Effects of cerium addition on the microstructure, mechanical properties and thermal conductivity of YSZ fibers. <i>Ceramics International</i> , 2018, 44, 7077-7083.	2.3	10
30	Tubular structure TiO ₂ /C/TiO ₂ hybrid derived from the waste of the fluff of chinar tree. <i>Journal of Alloys and Compounds</i> , 2018, 737, 774-789.	2.8	11
31	Effects of water vapor on the crystallization and microstructure manipulation of MgO ceramic fibers. <i>Ceramics International</i> , 2018, 44, 5257-5265.	2.3	6
32	Water steam modified crystallization and microstructure of mesoporous TiO ₂ nanofibers. <i>Ceramics International</i> , 2018, 44, 2158-2164.	2.3	15
33	Electrospun mesoporous zirconia ceramic fibers for catalyst supporting applications. <i>Ceramics International</i> , 2018, 44, 282-289.	2.3	29
34	Hierarchically Micro/Nanostructured TiO ₂ /Micron Carbon Fibers Composites for Long-Life and Fast-Charging Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2018, 5, 540-545.	1.7	13
35	Characterization and adsorption mechanism of ZrO ₂ mesoporous fibers for health-hazardous fluoride removal. <i>Journal of Hazardous Materials</i> , 2018, 346, 82-92.	6.5	126
36	The influence of phosphine ligand substituted [2Fe ₂ S] model complexes as electro-catalyst on proton reduction. <i>RSC Advances</i> , 2018, 8, 42262-42268.	1.7	12

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37	Electrospun fabrication, excellent high-temperature thermal insulation and alkali resistance performance of calcium zirconate fiber. <i>Ceramics International</i> , 2018, 44, 14013-14019.	2.3	20
38	Fabrication of dense and porous Li ₂ ZrO ₃ nanofibers with electrospinning method. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	1.1	13
39	Direct synthesis of phenol by novel [FeFe]-hydrogenase model complexes as catalysts of benzene hydroxylation with H ₂ O ₂ . <i>RSC Advances</i> , 2017, 7, 2934-2942.	1.7	30
40	Effect of the Terminal Ligands of [FeFe]-Hydrogenase Model Complexes on Proton Reduction Properties and Catalytic Hydroxylation of Benzene. <i>ChemistrySelect</i> , 2017, 2, 3306-3310.	0.7	3
41	Fabrication of dense barium zirconate fibers by electrospinning with different complex agents. <i>Journal of the American Ceramic Society</i> , 2017, 100, 4491-4499.	1.9	9
42	Biomimetic synthesis of micro/nanostructured tubular TiO ₂ photocatalyst: adjusting the shape of the outer tube wall from nanoparticles to interlaced nanofibers and nanobelts. <i>CrystEngComm</i> , 2017, 19, 2312-2319.	1.3	8
43	Synthesis and electrochemical properties of [FeFe]-hydrogenase model complexes with acid-functionalized or base-functionalized ligands. <i>Journal of Applied Electrochemistry</i> , 2017, 47, 583-591.	1.5	0
44	Mesoporous ZrO ₂ fibers with enhanced surface area and the application as recyclable absorbent. <i>Applied Surface Science</i> , 2017, 399, 288-297.	3.1	33
45	Bio-inspired Catalyst: [(¹ / ₄ -(SCH(CH ₂ CH ₃)CH ₂ S))Fe(CO) ₅] ₂ (¹ / ₄ -DPPF) for Proton Reduction and Phenol Hydroxylation. <i>ChemistrySelect</i> , 2017, 2, 9407-9411.	0.7	4
46	High-temperature stable electrospun MgO nanofibers, formation mechanism and thermal properties. <i>Ceramics International</i> , 2017, 43, 16210-16216.	2.3	14
47	Enhanced photocatalytic performance of Au/TiO ₂ nanofibers by precisely manipulating the dosage of uniform-sized Au nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	1.1	13
48	Polyaceticzirconium for zirconia continuous fibers: Polymeric evolution process and the relationship between polymeric structure and rheological behavior. <i>Ceramics International</i> , 2017, 43, 14176-14182.	2.3	12
49	Preparation of a CeO ₂ -nanoparticle thermal radiation shield coating on ZrO ₂ fibers via a hydrothermal method. <i>Ceramics International</i> , 2017, 43, 14183-14191.	2.3	17
50	Ferrocene particles incorporated into Zr-based metal-organic frameworks for selective phenol hydroxylation to dihydroxybenzenes. <i>RSC Advances</i> , 2017, 7, 38691-38698.	1.7	34
51	Growth mechanism, dielectric, elastic and thermal properties of zinc cadmium thiocyanate crystal as a potential piezoelectric crystal. <i>Chemical Physics Letters</i> , 2017, 685, 401-409.	1.2	0
52	Large scale fabrication of magnesium oxide fibers for high temperature thermal structure applications. <i>Ceramics International</i> , 2017, 43, 1455-1459.	2.3	9
53	Fabrication, heat-treatment and formation mechanism of MgO fiber using propionic acid as ligand. <i>Ceramics International</i> , 2017, 43, 2004-2011.	2.3	13
54	Effects of atmosphere and stabilizer on the decomposition and crystallization of polyacetylacetonatozirconium. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 1889-1895.	2.0	16

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55	Formation of Barium Zirconate Fibers for High-Temperature Thermal Insulation Applications. Journal of the American Ceramic Society, 2016, 99, 2913-2919.	1.9	9
56	Effects of pressure and atmosphere on the crystallization and grain refinement of zirconia fibers. Ceramics International, 2016, 42, 14189-14195.	2.3	9
57	Synthesis, structural characterization, and chemical properties of pentacoordinate model complexes for the active site of [Fe]-hydrogenase. RSC Advances, 2016, 6, 84139-84148.	1.7	7
58	Electrochemical catalysis investigation into the dynamic coordination properties of a pyridine-substituted [2Fe2S] model complex. International Journal of Hydrogen Energy, 2016, 41, 22991-22996.	3.8	9
59	Fabrication of La ₂ Zr ₂ O ₇ ceramic fibers via electrospinning method using different La ₂ O ₃ precursors. Ceramics International, 2016, 42, 16633-16639.	2.3	22
60	Color tunable up-conversion emission from ZrO ₂ :Er ³⁺ , Yb ³⁺ textile fibers. RSC Advances, 2016, 6, 103973-103980.	1.7	12
61	Biomimetic synthesis of interlaced mesh structures TiO ₂ nanofibers with enhanced photocatalytic activity. Journal of Alloys and Compounds, 2016, 668, 113-120.	2.8	14
62	Seedless growth of ZnO nanorods on TiO ₂ fibers by chemical bath deposition. CrystEngComm, 2016, 18, 1215-1222.	1.3	5
63	Preparation, ferromagnetic and photocatalytic performance of NiO and hollow Co ₃ O ₄ fibers through centrifugal-spinning technique. Materials Research Bulletin, 2016, 74, 319-324.	2.7	16
64	Two novel polytitanium precursors containing linear Ti(OH) ₂ chains applied for the preparation of titanium dioxide fibers. Applied Physics A: Materials Science and Processing, 2015, 121, 723-730.	1.1	4
65	Exfoliated MoS ₂ supported Au-Pd bimetallic nanoparticles with core-shell structures and superior peroxidase-like activities. RSC Advances, 2015, 5, 10352-10357.	1.7	53
66	Titanium dioxide fibers prepared from two novel polytitanium precursors containing linear Ti(OH) ₂ chains applied for photocatalytic degradation. Materials Letters, 2015, 153, 191-194.	1.3	8
67	Guanidine-phosphate non-covalent interaction in LAP crystal growth solution evidenced from spectroscopy studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 148, 12-17.	2.0	2
68	Third-order nonlinearity and passive Q-switching of Cr ⁴⁺ :YGG garnet crystal. Optics Letters, 2015, 40, 2421.	1.7	7
69	Rheological behavior, molecular structure of precursor and evolution mechanism: zirconia fibers from polyaceticzirconium precursors. Journal of Sol-Gel Science and Technology, 2015, 76, 482-491.	1.1	36
70	Lipase Immobilized on Graphene Oxide As Reusable Biocatalyst. Industrial & Engineering Chemistry Research, 2014, 53, 19878-19883.	1.8	44
71	Characterization and strong piezoelectric response of an organometallic nonlinear optical crystal: CdHg(SCN) ₄ (CH ₆ SO) ₂ . Journal of Materials Chemistry C, 2014, 2, 723-730.	2.7	10
72	ZnO long fibers: large scale fabrication, precursor and the transformation process, microstructure and catalytic performance. RSC Advances, 2014, 4, 57534-57540.	1.7	2

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73	Bulk growth and physical properties of diguanidinium phosphate monohydrate (G2HP) as a multi-functional crystal. <i>CrystEngComm</i> , 2014, 16, 930-938.	1.3	36
74	Crystal growth, structure and spectroscopic studies of a novel organic single crystal: L-lysine p-nitrophenolate monohydrate (LLNP). <i>Crystal Research and Technology</i> , 2013, 48, 1087-1096.	0.6	11
75	Poly(amidoamine) modified graphene oxide as an efficient adsorbent for heavy metal ions. <i>Polymer Chemistry</i> , 2013, 4, 2164.	1.9	149
76	Magnetic dimer and tetramer based on dmit ²⁻ Preparation, crystal structures, physicochemical characterization and magnetic properties. <i>Inorganica Chimica Acta</i> , 2013, 404, 68-76.	1.2	1
77	Studies on the conformational transformations of l-arginine molecule in aqueous solution with temperature changing by circular dichroism spectroscopy and optical rotations. <i>Journal of Molecular Structure</i> , 2012, 1026, 71-77.	1.8	13
78	Synthesis of partially hydrogenated graphene and brominated graphene. <i>Journal of Materials Chemistry</i> , 2012, 22, 15021.	6.7	93
79	A general strategy to prepare graphene-metal/metal oxide nanohybrids. <i>Journal of Materials Chemistry</i> , 2011, 21, 14498.	6.7	26
80	Sulfonated graphene as water-tolerant solid acid catalyst. <i>Chemical Science</i> , 2011, 2, 484-487.	3.7	247
81	Study on micro-crystallization, growth, optical properties and defects of a nonlinear optical crystal: MnHg(SCN) ₄ . <i>Journal of Crystal Growth</i> , 2011, 317, 92-97.	0.7	12
82	Nonlinear Optical Studies of [(C ₄ H ₉) ₄ N] ₂ [Cu(C ₃ S ₅) ₂] by Z-Scan Technique. <i>Chinese Physics Letters</i> , 2011, 28, 107803.	1.3	2
83	Third-order nonlinear optical properties in [(C ₄ H ₉) ₄ N] ₂ [Cu(C ₃ S ₅) ₂]-doped PMMA thin film using Z-scan technique in picosecond pulse. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 99, 279-284.	1.1	21
84	Investigation of the nonlinear absorption and optical limiting properties of two [Q] ₂ [Cu(C ₃ S ₅) ₂] compounds. <i>Optics and Laser Technology</i> , 2010, 42, 732-736.	2.2	20
85	INVESTIGATION OF THIRD-ORDER NONLINEAR OPTICAL PROPERTIES OF BFDI-DOPED PMMA THIN FILMS USING Z-SCAN TECHNIQUE. <i>Modern Physics Letters B</i> , 2009, 23, 3361-3368.	1.0	1
86	Study on nonlinear optical absorption properties of [(CH ₃) ₄ N] ₂ [Cu(dmit) ₂] by Z-scan technique. <i>Optics and Laser Technology</i> , 2009, 41, 209-212.	2.2	15
87	Distinct growth phenomenon observed on l-Arg·CF ₃ COOH crystals. <i>Current Applied Physics</i> , 2009, 9, 22-25.	1.1	5
88	Fabrication of zirconia mesoporous fibers by using polyorganozirconium compound as precursor. <i>Microporous and Mesoporous Materials</i> , 2009, 119, 230-236.	2.2	23
89	Growth, Morphology, Thermal, Spectral, Linear, and Nonlinear Optical Properties of L-Arginine Bis(trifluoroacetate) Crystal. <i>Crystal Growth and Design</i> , 2009, 9, 3251-3259.	1.4	65
90	Tetraphenylphosphonium bis(2-thioxo-1,3-dithiole-4,5-dithiolato)aurate(III) acetone solvate and ethyltriphenylphosphonium bis(2-thioxo-1,3-dithiole-4,5-dithiolato)aurate(III). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, m46-m49.	0.4	3

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91	Crystal growth, morphology, spectrographic characterization and thermal properties of 4,5-bis(benzoylthio)-1,3-dithiole-2-thione. <i>Crystal Research and Technology</i> , 2008, 43, 874-881.	0.6	4
92	Measurement of l-arginine trifluoroacetate crystal nucleation kinetics. <i>Journal of Crystal Growth</i> , 2008, 310, 2590-2592.	0.7	20
93	Nucleation growth mechanism and defects of nonlinear optical crystals of l-Arg- CF_3COOH . <i>Materials Letters</i> , 2008, 62, 1986-1988.	1.3	7
94	Crystallization process and microstructure of sol-gel derived $\text{Pb}_{0.9}\text{La}_{0.1}\text{Ti}_{0.875}\text{O}_3$ fine fibers with a novel heat-treatment process. <i>Solid State Sciences</i> , 2008, 10, 859-863.	1.5	12
95	STUDY ON THIRD-ORDER OPTICAL NONLINEARITY OF BIS(TETRABUTYLAMMONIUM)- $\text{Hg}(\text{dmit})_2$ BY FEMTOSECOND OPTICAL KERR GATE TECHNIQUE. <i>Modern Physics Letters B</i> , 2008, 22, 1573-1577.	1.0	1
96	Synthesis, crystal structure and saturable absorption in the near-IR regions of a new copper complex of dmit: hexadecyltrimethylammonium bis(2-thioxo-1,3-dithiole-4,5-dithiolato)-copper. <i>Journal of Coordination Chemistry</i> , 2008, 61, 768-775.	0.8	8
97	Preparation and Property for MgB_2 Superconductive Phase Lines Using MgH_2 and NaBH_4 as Starting Materials by Laser Irradiation. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 7857.	0.8	2
98	Preparation and transmission loss of the nano-crystal and polymer composite $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ /PEK-c films. <i>Proceedings of SPIE</i> , 2008, , .	0.8	0
99	Nonlinear optical studies of an organo-metallic complex by Z-scan technique. <i>Proceedings of SPIE</i> , 2007, , .	0.8	0
100	Atomic Force Microscopy Studies on {101} Surfaces of l-arginine Trifluoroacetate Single Crystals. <i>Journal of Physical Chemistry C</i> , 2007, 111, 14165-14169.	1.5	10
101	Crystal growth of high quality nonlinear optical crystals of l-arginine trifluoroacetate. <i>Journal of Crystal Growth</i> , 2007, 308, 130-132.	0.7	24
102	Hexadecyltrimethylammonium bis(2-thioxo-1,3-dithiole-4,5-dithiolato) $\text{Ni}(\text{S}_4\text{S}_5)$ nickelate(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m757-m759.	0.2	1
103	Butyltriphenylphosphonium bis(2-thioxo-1,3-dithiole-4,5-dithiolato)nickelate(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m1419-m1421.	0.2	1
104	Synthesis and characterization of Co^{2+} : MgAl_2O_4 nanocrystal. <i>Journal of Sol-Gel Science and Technology</i> , 2006, 38, 245-249.	1.1	14
105	Study on the third-order nonlinear optical properties of bis(tetrabutylammonium)bis(1,3-dithiole-2-thione-4,5-dithiolato)cadmium. <i>Optics Communications</i> , 2005, 256, 256-260.	1.0	33
106	Preparation and optical constants of the nano-crystal and polymer composite $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ /PMMA thin films. <i>Optics and Laser Technology</i> , 2005, 37, 259-264.	2.2	22
107	Poly[bis(N-methylformamide)tetra- $\frac{1}{4}$ -thiocyanato-manganese(II)mercury(II)]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, m278-m280.	0.4	3
108	Bis(tetraethylammonium) bis(2-thioxo-1,3-dithiole-4,5-dithiolato)cuprate(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m717-m719.	0.2	5

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109	4,5-Bis(phenylsulfonylthio)-1,3-dithiolane-2-thione. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1432-o1433.	0.2	0
110	Bis(N-methylpyridinium) bis(2-thioxo-1,3-dithiole-4,5-dithiolato)zincate(II). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m2408-m2410.	0.2	3
111	Study on the third-order nonlinear optical properties of bis(tetraethylammonium)bis(1,3-dithiole-2-thione-4,5-dithiolato)mercury. Journal of Optics, 2005, 7, 510-513.	1.5	4
112	Edge dislocation and superstructure in MgB ₂ superconducting crystals. Superconductor Science and Technology, 2005, 18, 1513-1516.	1.8	10
113	Physicochemical properties and theoretical explanation of ZnCd(SCN) ₄ crystal. Materials Research Bulletin, 2004, 39, 1407-1416.	2.7	7
114	Single crystal growth of MgB ₂ by using Mg-self-flux method at ambient pressure. Journal of Crystal Growth, 2004, 268, 123-127.	0.7	12
115	Growth and properties of UV nonlinear optical crystal ZnCd(SCN) ₄ . Materials Research Bulletin, 2003, 38, 1269-1280.	2.7	19
116	The growth and properties of Ca ₃ TaGa ₃ Si ₂ O ₁₄ single crystals. Journal of Crystal Growth, 2003, 253, 378-382.	0.7	31
117	Preparation and transmission loss of the nano-crystal and polymer composite film BTO/PMMA. Optics and Laser Technology, 2003, 35, 291-294.	2.2	6
118	Growth and Characterization of Series Nd:GdxLa _{1-x} VO ₄ (x = 0.80, 0.60, 0.45) Crystals. Journal of Materials Research, 2002, 17, 556-562.	1.2	9
119	Crystal Growth and Characterization of a New Organometallic Nonlinear-Optical Crystal Material: MnHg(SCN) ₄ (C ₃ H ₈ O ₂). Physica Status Solidi A, 2002, 191, 106-116.	1.7	21
120	Growth and characterization of a novel UV nonlinear optical crystal: [MnHg(SCN) ₄ (H ₂ O) ₂] \cdot 2C ₄ H ₉ NO. Journal of Crystal Growth, 2002, 234, 469-479.	0.7	26
121	Violet light generation by frequency doubling of GaAlAs diode laser using a metallo-organic complex crystal ZnCd(SCN) ₄ . Optics and Laser Technology, 2001, 33, 121-124.	2.2	26
122	Crystal growth and physical properties of UV nonlinear optical crystal zinc cadmium thiocyanate, ZnCd(SCN) ₄ . Chemical Physics Letters, 2001, 346, 393-406.	1.2	24
123	Growth of zinc cadmium thiocyanate single crystal for laser diode frequency-doubling. Journal of Crystal Growth, 2001, 222, 755-759.	0.7	21
124	Growth and properties of UV nonlinear optical crystal ZnCd(SCN) ₄ . Materials Research Bulletin, 2001, 36, 1287-1299.	2.7	29
125	Synthesis and characterization of a new lambda-type polymer for nonlinear optics based on carbazole derivative salt. Reactive and Functional Polymers, 2000, 46, 59-65.	2.0	5
126	A novel organometallic nonlinear optical complex crystal: Cadmium mercury thiocyanate dimethyl-sulphoxide. Progress in Crystal Growth and Characterization of Materials, 2000, 40, 111-114.	1.8	8

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127	Growth of cadmium mercury thiocyanate dimethylsulphoxide single crystal for laser frequency doubling. Progress in Crystal Growth and Characterization of Materials, 2000, 40, 75-79.	1.8	10
128	Blue-violet light second harmonic generation with CMTC crystals. Journal of Materials Science Letters, 2000, 19, 1255-1257.	0.5	23
129	Intracavity-frequency-doubling of a 946 nm Nd:YAG laser with cadmium mercury thiocyanate crystal. Optics and Laser Technology, 1998, 30, 291-293.	2.2	13