

Guang-Hui Zhang

List of Publications by Year in descending order

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129
papers

2,590
citations

218381

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43
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all docs

129
docs citations

129
times ranked

3010
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfonated graphene as water-tolerant solid acid catalyst. <i>Chemical Science</i> , 2011, 2, 484-487.	3.7	247
2	Poly(amidoamine) modified graphene oxide as an efficient adsorbent for heavy metal ions. <i>Polymer Chemistry</i> , 2013, 4, 2164.	1.9	149
3	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
4	Synthesis of partially hydrogenated graphene and brominated graphene. <i>Journal of Materials Chemistry</i> , 2012, 22, 15021.	6.7	93
5	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
6	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
7	Growth, Morphology, Thermal, Spectral, Linear, and Nonlinear Optical Properties of Arginine Bis(trifluoroacetate) Crystal. <i>Crystal Growth and Design</i> , 2009, 9, 3251-3259.	1.4	65
8	Exfoliated MoS ₂ supported Au-Pd bimetallic nanoparticles with core-shell structures and superior peroxidase-like activities. <i>RSC Advances</i> , 2015, 5, 10352-10357.	1.7	53
9	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
10	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
11	Lipase Immobilized on Graphene Oxide As Reusable Biocatalyst. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 19878-19883.	1.8	44
12	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
13	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
14	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
15	Rheological behavior, molecular structure of precursor and evolution mechanism: zirconia fibers from polyaceticzirconium precursors. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 76, 482-491.	1.1	36
16	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
17	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
18	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

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19	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
20	Controllable synthesis of Ag/AgCl@MIL-88A via in situ growth method for morphology-dependent photocatalytic performance. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5451-5460.	2.7	33
21	The growth and properties of Ca ₃ TaGa ₃ Si ₂ O ₁₄ single crystals. <i>Journal of Crystal Growth</i> , 2003, 253, 378-382.	0.7	31
22	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
23	Growth and properties of UV nonlinear optical crystal ZnCd(SCN) ₄ . <i>Materials Research Bulletin</i> , 2001, 36, 1287-1299.	2.7	29
24	Electrospun mesoporous zirconia ceramic fibers for catalyst supporting applications. <i>Ceramics International</i> , 2018, 44, 282-289.	2.3	29
25	Violet light generation by frequency doubling of GaAlAs diode laser using a metallo-organic complex crystal ZnCd(SCN) ₄ . <i>Optics and Laser Technology</i> , 2001, 33, 121-124.	2.2	26
26	Growth and characterization of a novel UV nonlinear optical crystal: [MnHg(SCN) ₄ (H ₂ O) ₂] \cdot 2C ₄ H ₉ NO. <i>Journal of Crystal Growth</i> , 2002, 234, 469-479.	0.7	26
27	A general strategy to prepare graphene-metal/metal oxide nanohybrids. <i>Journal of Materials Chemistry</i> , 2011, 21, 14498.	6.7	26
28	Crystal growth and physical properties of UV nonlinear optical crystal zinc cadmium thiocyanate, ZnCd(SCN) ₄ . <i>Chemical Physics Letters</i> , 2001, 346, 393-406.	1.2	24
29	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
30	Blue-violet light second harmonic generation with CMTC crystals. <i>Journal of Materials Science Letters</i> , 2000, 19, 1255-1257.	0.5	23
31	Fabrication of zirconia mesoporous fibers by using polyorganozirconium compound as precursor. <i>Microporous and Mesoporous Materials</i> , 2009, 119, 230-236.	2.2	23
32	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
33	Preparation and optical constants of the nano-crystal and polymer composite Bi ₄ Ti ₃ O ₁₂ /PMMA thin films. <i>Optics and Laser Technology</i> , 2005, 37, 259-264.	2.2	22
34	Fabrication of La ₂ Zr ₂ O ₇ ceramic fibers via electrospinning method using different La ₂ O ₃ precursors. <i>Ceramics International</i> , 2016, 42, 16633-16639.	2.3	22
35	Growth of zinc cadmium thiocyanate single crystal for laser diode frequency-doubling. <i>Journal of Crystal Growth</i> , 2001, 222, 755-759.	0.7	21
36	Crystal Growth and Characterization of a New Organometallic Nonlinear-Optical Crystal Material: MnHg(SCN) ₄ (C ₃ H ₈ O ₂). <i>Physica Status Solidi A</i> , 2002, 191, 106-116.	1.7	21

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37	Third-order nonlinear optical properties in $[(C_4H_9)_4N]_2[Cu(C_3S_5)_2]$ -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
38	Measurement of l-arginine trifluoroacetate crystal nucleation kinetics. <i>Journal of Crystal Growth</i> , 2008, 310, 2590-2592.	0.7	20
39	Investigation of the nonlinear absorption and optical limiting properties of two $[Q]_2[Cu(C_3S_5)_2]$ compounds. <i>Optics and Laser Technology</i> , 2010, 42, 732-736.	2.2	20
40	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
41	Growth and properties of UV nonlinear optical crystal $ZnCd(SCN)_4$. <i>Materials Research Bulletin</i> , 2003, 38, 1269-1280.	2.7	19
42	Flexible TiO_2 ceramic fibers near-infrared reflective membrane fabricated by electrospinning. <i>Ceramics International</i> , 2019, 45, 6959-6965.	2.3	19
43	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
44	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
45	Lightweight and Resilient $ZrO_2 \cdot 2H_2O$ Fiber Sponges with Layered Structure for Thermal Insulation. <i>Advanced Engineering Materials</i> , 2022, 24, .	1.6	18
46	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
47	Preparation, ferromagnetic and photocatalytic performance of NiO and hollow Co_3O_4 fibers through centrifugal-spinning technique. <i>Materials Research Bulletin</i> , 2016, 74, 319-324.	2.7	16
48	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
49	Study on nonlinear optical absorption properties of $[(CH_3)_4N]_2[Cu(dmit)_2]$ by Z-scan technique. <i>Optics and Laser Technology</i> , 2009, 41, 209-212.	2.2	15
50	Water steam modified crystallization and microstructure of mesoporous TiO_2 nanofibers. <i>Ceramics International</i> , 2018, 44, 2158-2164.	2.3	15
51	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
52	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
53	Biomimetic synthesis of interlaced mesh structures TiO_2 nanofibers with enhanced photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2016, 668, 113-120.	2.8	14
54	High-temperature stable electrospun MgO nanofibers, formation mechanism and thermal properties. <i>Ceramics International</i> , 2017, 43, 16210-16216.	2.3	14

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55	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
56	Intracavity-frequency-doubling of a 946 nm Nd:YAG laser with cadmium mercury thiocyanate crystal. <i>Optics and Laser Technology</i> , 1998, 30, 291-293.	2.2	13
57	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
58	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
59	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
60	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
61	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
62	Preparation, mechanical properties, and diffuse reflectance of YAG continuous fibers and nanofibers. <i>Ceramics International</i> , 2019, 45, 21213-21219.	2.3	13
63	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
64	Single crystal growth of MgB ₂ by using Mg-self-flux method at ambient pressure. <i>Journal of Crystal Growth</i> , 2004, 268, 123-127.	0.7	12
65	Crystallization process and microstructure of sol-gel derived Pb _{0.9} La _{0.1} Ti _{0.875} O ₃ fine fibers with a novel heat-treatment process. <i>Solid State Sciences</i> , 2008, 10, 859-863.	1.5	12
66	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
67	Color tunable up-conversion emission from ZrO ₂ :Er ³⁺ , Yb ³⁺ textile fibers. <i>RSC Advances</i> , 2016, 6, 103973-103980.	1.7	12
68	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
69	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
70	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
71	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
72	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

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73	Electrospun lanthanum-doped barium titanate ceramic fibers with excellent dielectric performance. <i>Materials Characterization</i> , 2021, 172, 110859.	1.9	11
74	Growth of cadmium mercury thiocyanate dimethylsulphoxide single crystal for laser frequency doubling. <i>Progress in Crystal Growth and Characterization of Materials</i> , 2000, 40, 75-79.	1.8	10
75	Edge dislocation and superstructure in MgB ₂ superconducting crystals. <i>Superconductor Science and Technology</i> , 2005, 18, 1513-1516.	1.8	10
76	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
77	Characterization and strong piezoelectric response of an organometallic nonlinear optical crystal: CdHg(SCN) ₄ (C ₂ H ₆ SO) ₂ . <i>Journal of Materials Chemistry C</i> , 2014, 2, 723-730.	2.7	10
78	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
79	Zirconia/polyethylene terephthalate ceramic fiber paper separator for high-safety lithium-ion battery. <i>Ionics</i> , 2020, 26, 6057-6067.	1.2	10
80	Growth and Characterization of Series Nd:Gd _x La _{1-x} VO ₄ (x = 0.80, 0.60, 0.45) Crystals. <i>Journal of Materials Research</i> , 2002, 17, 556-562.	1.2	9
81	Formation of Barium Zirconate Fibers for High-Temperature Thermal Insulation Applications. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2913-2919.	1.9	9
82	Effects of pressure and atmosphere on the crystallization and grain refinement of zirconia fibers. <i>Ceramics International</i> , 2016, 42, 14189-14195.	2.3	9
83	Electrochemical catalysis investigation into the dynamic coordination properties of a pyridine-substituted [2Fe ₂ S] model complex. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 22991-22996.	3.8	9
84	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
85	Large scale fabrication of magnesium oxide fibers for high temperature thermal structure applications. <i>Ceramics International</i> , 2017, 43, 1455-1459.	2.3	9
86	Electrospun flexible calcium zirconate fiber membrane with excellent thermal stability and alkali resistance. <i>Ceramics International</i> , 2022, 48, 12408-12414.	2.3	9
87	A novel organometallic nonlinear optical complex crystal: Cadmium mercury thiocyanate dimethyl-sulphoxide. <i>Progress in Crystal Growth and Characterization of Materials</i> , 2000, 40, 111-114.	1.8	8
88	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
89	Titanium dioxide fibers prepared from two novel polytitanium precursors containing linear Ti-OH-Ti chains applied for photocatalytic degradation. <i>Materials Letters</i> , 2015, 153, 191-194.	1.3	8
90	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

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91	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
92	Physicochemical properties and theoretical explanation of ZnCd(SCN) ₄ crystal. <i>Materials Research Bulletin</i> , 2004, 39, 1407-1416.	2.7	7
93	Nucleation growth mechanism and defects of nonlinear optical crystals of l-Arg- β -CF ₃ COOH. <i>Materials Letters</i> , 2008, 62, 1986-1988.	1.3	7
94	Third-order nonlinearity and passive Q-switching of Cr ⁴⁺ :YGG garnet crystal. <i>Optics Letters</i> , 2015, 40, 2421.	1.7	7
95	Synthesis, structural characterization, and chemical properties of pentacoordinate model complexes for the active site of [Fe]-hydrogenase. <i>RSC Advances</i> , 2016, 6, 84139-84148.	1.7	7
96	Strong Flexible Ceramic Nanofiber Membranes for Ultrafast Separation of Oil Pollutants. <i>ACS Applied Nano Materials</i> , 2022, 5, 9389-9400.	2.4	7
97	Preparation and transmission loss of the nano-crystal and polymer composite film BTO/PMMA. <i>Optics and Laser Technology</i> , 2003, 35, 291-294.	2.2	6
98	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
99	Synthesis and characterization of a new lambda-type polymer for nonlinear optics based on carbazole derivative salt. <i>Reactive and Functional Polymers</i> , 2000, 46, 59-65.	2.0	5
100	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
101	Distinct growth phenomenon observed on l-Arg- β -CF ₃ COOH crystals. <i>Current Applied Physics</i> , 2009, 9, 22-25.	1.1	5
102	Seedless growth of ZnO nanorods on TiO ₂ fibers by chemical bath deposition. <i>CrystEngComm</i> , 2016, 18, 1215-1222.	1.3	5
103	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
104	Study on the third-order nonlinear optical properties of bis(tetraethylammonium)bis(1,3-dithiole-2-thione-4,5-dithiolato)mercury. <i>Journal of Optics</i> , 2005, 7, 510-513.	1.5	4
105	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
106	Two novel polytitanium precursors containing linear Ti μ “(OH) ₂ “Ti chains applied for the preparation of titanium dioxide fibers. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 121, 723-730.	1.1	4
107	Bio-inspired Catalyst: [(η^5 -Cp)(η^5 -Cp*)(S(CH ₂ CH ₃) ₂ S))Fe(CO) ₅] ₂ [(η^5 -Cp) ₂ Ir(DPPF)] for Proton Reduction and Phenol Hydroxylation. <i>ChemistrySelect</i> , 2017, 2, 9407-9411.	0.7	4
108	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

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109	Poly[bis(N-methylformamide)tetra- $\frac{1}{4}$ -thiocyanato-manganese(II)mercury(II)]. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, m278-m280.	0.4	3
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	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). Acta Crystallographica Section C: Crystal Structure Communications, 2008, 64, m46-m49.	0.4	3
112	Effect of the Terminal Ligands of [FeFe]-Hydrogenase Model Complexes on Proton Reduction Properties and Catalytic Hydroxylation of Benzene. ChemistrySelect, 2017, 2, 3306-3310.	0.7	3
113	Effect of high-pressure vapor on the microstructure and mechanical properties of TiO ₂ continuous fibers. Ceramics International, 2022, 48, 10659-10666.	2.3	3
114	Preparation and Property for MgB ₂ Superconductive Phase Lines Using MgH ₂ and NaBH ₄ as Starting Materials by Laser Irradiation. Japanese Journal of Applied Physics, 2008, 47, 7857.	0.8	2
115	Nonlinear Optical Studies of [(C ₄ H ₉) ₄ N][Ni(dmit) ₂] by Z-Scan Technique. Chinese Physics Letters, 2011, 28, 107803.	1.3	2
116	ZnO long fibers: large scale fabrication, precursor and the transformation process, microstructure and catalytic performance. RSC Advances, 2014, 4, 57534-57540.	1.7	2
117	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
118	Effect of La ₂ O ₃ on Grain Refinement and Thermal Conductivity of 6 mol % Y ₂ O ₃ -ZrO ₂ Fibers. Russian Journal of Inorganic Chemistry, 2019, 64, 1464-1468.	0.3	2
119	Hexadecyltrimethylammonium bis(2-thioxo-1,3-dithiole-4,5-dithiolato) $\frac{1}{2}$ S ₄ S ₅ nickelate(III). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m757-m759.	0.2	1
120	Butyltriphenylphosphonium bis(2-thioxo-1,3-dithiole-4,5-dithiolato)nickelate(III). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m1419-m1421.	0.2	1
121	STUDY ON THIRD-ORDER OPTICAL NONLINEARITY OF BIS(TETRABUTYLAMMONIUM)-Hg(dmit) ₂ BY FEMTOSECOND OPTICAL KERR GATE TECHNIQUE. Modern Physics Letters B, 2008, 22, 1573-1577.	1.0	1
122	INVESTIGATION OF THIRD-ORDER NONLINEAR OPTICAL PROPERTIES OF BFDT-DOPED PMMA THIN FILMS USING Z-SCAN TECHNIQUE. Modern Physics Letters B, 2009, 23, 3361-3368.	1.0	1
123	Magnetic dimer and tetramer based on dmit ²⁻ Preparation, crystal structures, physicochemical characterization and magnetic properties. Inorganica Chimica Acta, 2013, 404, 68-76.	1.2	1
124	4,5-Bis(phenylsulfonylthio)-1,3-dithiolane-2-thione. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1432-o1433.	0.2	0
125	Nonlinear optical studies of an organo-metallic complex by Z-scan technique. Proceedings of SPIE, 2007, , .	0.8	0
126	Preparation and transmission loss of the nano-crystal and polymer composite Bi ₄ Ti ₃ O ₁₂ /PEK-c films. Proceedings of SPIE, 2008, , .	0.8	0

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127	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
128	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
129	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