

Wen-Lin Feng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9436355/publications.pdf>

Version: 2024-02-01

129
papers

1,577
citations

361413

20
h-index

454955

30
g-index

130
all docs

130
docs citations

130
times ranked

1282
citing authors

#	ARTICLE	IF	CITATIONS
1	Compatibility defects of the fiber-optic liquid level and refractive index sensors based on modal interference. <i>Physica B: Condensed Matter</i> , 2022, 624, 413398.	2.7	3
2	Carbon monoxide gas sensor based on an $\text{Fe}_2\text{O}_3/\text{reduced graphene oxide}$ quantum dots composite film integrated Michelson interferometer. <i>Measurement Science and Technology</i> , 2022, 33, 035102.	2.6	6
3	Fiber-optic Michelson interferometer based on $\text{Fe}_2\text{O}_3/\text{ZrO}_2$ sensing membrane and its application in trace fluoride-ion detection. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2022, 77, 269-278.	1.5	1
4	Synthesis of vertically-aligned large-area MoS_2 nanofilm and its application in MoS_2/Si heterostructure photodetector. <i>Nanotechnology</i> , 2022, 33, 105709.	2.6	6
5	$\text{Ag/APTES/Cu}_2\text{O}$ (1, 2)-MGS-Coated No-Core Fiber Surface Plasmon Resonance Gas Sensor and Its Application in Hydrogen Sulfide Detection. <i>IEEE Sensors Journal</i> , 2022, 22, 2182-2189.	4.7	10
6	$\text{M}_4\text{B}_6\text{X}_6$ as a New Family of High-Efficient Electrocatalysts: The Role of Surface Reconstruction in Water Oxidization. <i>ChemSusChem</i> , 2022, 15, .	6.8	4
7	UiO-66 metal-organic framework integrated Michelson interferometer for fluoride-ion detection. <i>Optical Fiber Technology</i> , 2022, 70, 102885.	2.7	3
8	High-sensitivity detection of magnetic field and temperature based on magnetic fluid coated bi-tapered Mach-Zehnder interferometer. <i>Optik</i> , 2022, 259, 168981.	2.9	3
9	Intensity-modulated carbon monoxide gas sensor based on cerium dioxide-coated thin-core-fiber Mach-Zehnder interferometer. <i>Optics and Laser Technology</i> , 2022, 152, 108183.	4.6	12
10	Photoluminescence properties of Eu^{3+} doped $\text{CaSr}(\text{WO}_4)_2$ phosphor by Li^+ charge compensation. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2022, 77, 715-722.	1.5	8
11	Photoluminescence properties and energy transfer of blue-green CaAl_2O_4 : Tb^{3+} , Bi^{3+} phosphors. <i>Journal of Solid State Chemistry</i> , 2021, 293, 121774.	2.9	14
12	Neodymium Modified Chitosan/PMMA Integrated Thin-Core Fiber for Trace Fluoride Ion Detection. <i>IEEE Sensors Journal</i> , 2021, 21, 2559-2564.	4.7	6
13	Hydrogen sulfide gas sensor based on TiO_2/ZnO composite sensing membrane-coated no-core fiber. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 135105.	2.8	15
14	Cadmium-ion detection: a comparative study for a SnO_2 , MoS_2 , $\text{SnO}_2/\text{MoS}_2$, SnO_2 - MoS_2 sensing membrane combination with a fiber-optic Mach-Zehnder interferometer. <i>Applied Optics</i> , 2021, 60, 799.	1.8	16
15	Reflective fiber-optic magnetic field sensor based on a magnetic-fluid-filled capillary probe structure. <i>Measurement Science and Technology</i> , 2021, 32, 095117.	2.6	5
16	Simultaneous demodulation comparison of fiber-optic Fabry-Perot sensors connected in parallel and series. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2021, .	1.5	0
17	Fiber-Optic Surface Plasmon Resonance Sensor for Trace Cadmium-Ion Detection Based on Ag-PVA/TiO_2 Sensing Membrane. <i>IEEE Sensors Journal</i> , 2021, 21, 18650-18655.	4.7	21
18	Aluminium-doped zinc oxide sensing membrane integrated fiber-optic Michelson interferometer for trace fluoride-ion detection. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 475102.	2.8	2

#	ARTICLE	IF	CITATIONS
19	Fiber-optic curvature and temperature sensor based on the lateral-offset spliced SMF-FCF-SMF interference structure. Optics and Laser Technology, 2021, 141, 107174.	4.6	29
20	Analysis and measurement of the medium's dispersion in the open-cavity of fiber-optic Fabry-Perot interferometer. Sensors and Actuators A: Physical, 2021, 331, 112892.	4.1	3
21	Fiber optic Fabry-Perot interferometer constructed by quartz capillary and titanium wire for temperature measurement. Measurement Science and Technology, 2021, 32, 015102.	2.6	3
22	Fiber-optic dual Fabry-Perot interferometric carbon monoxide sensor with polyaniline/Co ₃ O ₄ /graphene oxide sensing membrane. Chinese Chemical Letters, 2020, 31, 2145-2149.	9.0	14
23	Multi-parameter sensor based on the fiber Bragg grating combined with triangular-lattice four-core fiber. Optik, 2020, 208, 164094.	2.9	12
24	Michelson liquid-level sensor based on cascaded no-core fiber and single-mode fiber structure. Optik, 2020, 206, 163746.	2.9	7
25	Development of BINOL-Si complexes with large Stokes shifts and their application as chemodosimeters for nerve agent. Chinese Chemical Letters, 2020, 31, 2960-2964.	9.0	19
26	Trace Hydrogen Sulphide Gas Sensor Based on Cu/rGO Membrane-Coated Photonic Crystal Fibre Michelson Interferometer. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2020, 75, 293-299.	1.5	1
27	Broadband InSb/Si heterojunction photodetector with graphene transparent electrode. Nanotechnology, 2020, 31, 315204.	2.6	22
28	Strain and temperature sensor based on fiber Bragg grating cascaded bi-tapered four-core fiber Mach-Zehnder interferometer. Journal Physics D: Applied Physics, 2020, 53, 465104.	2.8	17
29	Michelson Interferometric Hydrogen Sulfide Gas Sensor Based on NH ₂ -rGO Sensitive Film. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2020, 75, 241-248.	1.5	5
30	Silver-coated three-core fiber Michelson interferometer for liquid-level measurement. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2020, 75, 1085-1090.	1.5	2
31	Hydrogen Sulfide Gas Sensor Based on Copper/Graphene Oxide Composite Film-Coated Tapered Single-Mode Fibre Interferometer. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2019, 74, 931-936.	1.5	5
32	Green Zn ₃ Al ₂ Ge ₂ O ₁₀ : Mn ²⁺ Phosphors: Solid-Phase Synthesis, Structure, and Luminescent Properties. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2019, 74, 1109-1113.	1.5	2
33	Eu(III) doped zinc metal organic framework material and its sensing detection for nitrobenzene. Journal of Solid State Chemistry, 2019, 280, 120984.	2.9	23
34	Infrared Photodetector Based on the Photothermionic Effect of Graphene-Nanowall/Silicon Heterojunction. ACS Applied Materials & Interfaces, 2019, 11, 17663-17669.	8.0	45
35	Dual Fabry-Perot Interferometric Carbon Monoxide Sensor Based on the PANI/Co ₃ O ₄ Sensitive Membrane-Coated Fibre Tip. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2019, 74, 101-107.	1.5	17
36	Hydrogen sulfide gas sensor based on copper/graphene oxide coated multi-node thin-core fiber interferometer. Applied Optics, 2019, 58, 2152.	1.8	17

#	ARTICLE	IF	CITATIONS
37	Photoluminescence Properties of $\text{Ca}_3\text{Si}_2\text{O}_7$: Pr^{3+} Orange-Red Phosphors Prepared by High-Temperature Solid-State Method. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2018, 73, 555-558.	1.5	8
38	Novel Red-Orange Phosphors $\text{Na}_2\text{BaMg}(\text{PO}_4)_2$: Pr^{3+} : Synthesis, Crystal Structure and Photoluminescence Performance. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2018, 73, 99-103.	1.5	3
39	Trace Carbon Monoxide Gas Sensor Based on PANI/ Co_3O_4 /CuO Composite Membrane-Coated Thin-Core Fiber Modal Interferometer. <i>IEEE Sensors Journal</i> , 2018, 18, 8762-8766.	4.7	16
40	Molybdenum sulfide/citric acid composite membrane-coated long period fiber grating sensor for measuring trace hydrogen sulfide gas. <i>Sensors and Actuators B: Chemical</i> , 2018, 272, 60-68.	7.8	47
41	Optical Ammonia Sensor Based on ZnO:Eu^{2+} Fluorescence Quenching Nanoparticles. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2018, 73, 781-784.	1.5	2
42	Hydrogen sulfide sensor based on tapered fiber sandwiched between two molybdenum disulfide/citric acid composite membrane coated long-period fiber gratings. <i>Applied Optics</i> , 2018, 57, 9755.	1.8	11
43	$\text{KSr}_4(\text{BO}_3)_3\text{Pr}^{3+}$: A new red-emitting phosphor for blue-pumped white light-emitting diodes. <i>Journal of Alloys and Compounds</i> , 2017, 700, 49-53.	5.5	35
44	Substitutional site and defect structure of Ni^{2+} in YAlO_3 nanophosphor studied from the optical and electron paramagnetic resonance spectra. <i>Radiation Effects and Defects in Solids</i> , 2017, 172, 187-191.	1.2	1
45	High-performance Schottky heterojunction photodetector with directly grown graphene nanowalls as electrodes. <i>Nanoscale</i> , 2017, 9, 6020-6025.	5.6	77
46	Hydrogen sulfide gas sensor based on graphene-coated tapered photonic crystal fiber interferometer. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 540-545.	7.8	61
47	Tungsten Sulfide Nanoflakes: Synthesis by Electrospinning and Their Gas Sensing Properties. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2017, 72, 375-381.	1.5	10
48	Synthesis, photoluminescence and theoretical explanations of trivalent europium-doped dipotassium tungstate phosphors. <i>Optik</i> , 2017, 131, 1007-1015.	2.9	11
49	Synthesis, substitutional sites and photoluminescence of $\text{Na}_2\text{SrMg}(\text{PO}_4)_2$: Pr^{3+} phosphors. <i>Optik</i> , 2017, 148, 101-105.	2.9	4
50	Terbium single-doped or terbium and sodium codoped barium zinc phosphate: A novel green phosphor for near ultraviolet-pumped white light-emitting diodes. <i>Spectroscopy Letters</i> , 2017, 50, 451-455.	1.0	8
51	Trace hydrogen sulfide gas sensor based on tungsten sulfide membrane-coated thin-core fiber modal interferometer. <i>Applied Surface Science</i> , 2017, 423, 492-497.	6.1	16
52	Effect of Ba substitution on photoluminescence of $\text{Zn}^{1+}\text{Ba Al}_2\text{O}_4\text{:Eu}^{3+}$. <i>Optik</i> , 2016, 127, 2617-2619.	2.9	4
53	Photonic crystal fiber in-line Mach-Zehnder interferometer for explosive detection. <i>Optics Express</i> , 2016, 24, 2806.	3.4	23
54	Co-precipitation synthesis, photoluminescence properties and theoretical calculations of MgWO_4 : Eu^{3+} phosphors. <i>RSC Advances</i> , 2016, 6, 14826-14831.	3.6	31

#	ARTICLE	IF	CITATIONS
55	Effect of Trace Fe ³⁺ on Luminescent Properties of CaWO ₄ : Pr ³⁺ Phosphors. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2016, 71, 21-25.	1.5	5
56	Luminescence and energy transfer properties of novel Na _{2.5} Y _{0.5} Mg ₇ (PO ₄) ₆ : R (R =) Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 7 3983-3991.	3.3	21
57	Synthesis and photoluminescence of novel red-emitting ZnWO ₄ : Pr ³⁺ , Li ⁺ phosphors. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 154, 72-75.	3.9	36
58	Theoretical explanation of spin-Hamiltonian parameters for the rhombic Mo ⁵⁺ octahedral clusters in molybdenum phosphate glasses. Molecular Physics, 2015, 113, 3228-3231.	1.7	6
59	Photoluminescence and Crystal-Field Analysis of Pr ³⁺ -Doped SrMoO ₄ Phosphors. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2015, 70, 11-16.	1.5	7
60	Photoluminescence properties of red europium doped calcium tungstate phosphors for blue-pumped light-emitting diodes. Optik, 2015, 126, 1341-1343.	2.9	20
61	Investigations of the zero-field splitting with the local tilting angle $\tilde{\alpha}$, Fe ³⁺ for Fe ³⁺ in ZnGeP ₂ crystal. Radiation Effects and Defects in Solids, 2015, 170, 729-732.	1.2	2
62	Experimental and theoretical spectroscopic study of praseodymium(III) doped strontium aluminate phosphors. Journal of Alloys and Compounds, 2015, 628, 343-346.	5.5	22
63	Synthesis and Photoluminescence of Tetravalent Cerium-Doped Alkaline-Earth-Metal Tungstate Phosphors by a Co-precipitation Method. Spectroscopy Letters, 2015, 48, 381-385.	1.0	15
64	Unified calculations of optical and EPR data for Cu ³⁺ ion in Al ₂ O ₃ crystal. Journal of Magnetism and Magnetic Materials, 2015, 377, 190-192.	2.3	11
65	Theoretical analysis of spin-Hamiltonian parameters for the rhombic Cu ²⁺ centres in CuGaSe ₂ crystals. Molecular Physics, 2014, 112, 85-87.	1.7	13
66	Effect of boric acid on structure, morphology and luminescent properties of divalent europium doped calcium aluminate phosphors. Optik, 2014, 125, 1252-1254.	2.9	10
67	Calculations with the two-mechanism model for the spin-Hamiltonian parameters of Mo ⁵⁺ ions in phosphate glasses. Journal of Non-Crystalline Solids, 2014, 385, 160-162.	3.1	4
68	Investigations of the spin-Hamiltonian parameters, optical absorption bands, and local structure for the tetragonal Cu ²⁺ center in Cu ²⁺ -doped ZnCdO nanopowder. Journal of Physics and Chemistry of Solids, 2014, 75, 787-789.	4.0	15
69	Preparation and luminescent properties of green SrAl ₂ O ₄ : Eu ²⁺ and blue SrAl ₂ O ₄ : Eu ²⁺ , Gd ³⁺ phosphors. Materials Letters, 2013, 110, 91-93.	2.6	30
70	Co-precipitation synthesis and photoluminescence properties of Ba ^{1-x} MoO ₄ : xEu ³⁺ red phosphors. Journal of Luminescence, 2013, 134, 614-617.	3.1	41
71	Investigation on the Local Structure of Nickel II "Doped Sodium Phosphate Glasses by Their Optical Spectra and Electron Spin Resonance g Factor. Spectroscopy Letters, 2013, 46, 87-90.	1.0	5
72	Theoretical calculations of spin-Hamiltonian parameters for the square planar Pd ⁺ clusters in the ¹³ I-irradiated A ₂ PdCl ₄ (A = K, NH ₄) crystals. Philosophical Magazine, 2013, 93, 3690-3694.	1.6	3

#	ARTICLE	IF	CITATIONS
73	Theoretical explanation for Raman and ESR spectra of V ³⁺ ions in salt guanidinium vanadium sulfate hexahydrate. Philosophical Magazine Letters, 2012, 92, 368-372.	1.2	4
74	Theoretical explanation of absorption spectra and ESR parameters of Cu ²⁺ in shattuckite. Physica B: Condensed Matter, 2012, 407, 3865-3867.	2.7	12
75	Photoluminescence properties of (Ba ^{1-x} Eux)WO ₄ red synthesized by the coprecipitation/calcination method. Journal of Alloys and Compounds, 2012, 521, 146-149.	5.5	25
76	Theoretical Explanation of the Optical and Electron Paramagnetic Resonance Spectral Data for Trivalent Ytterbium Ions in \hat{I}^2 -Lead Fluoride. Spectroscopy Letters, 2012, 45, 404-406.	1.0	1
77	Theoretical investigation of EPR and optical spectra of Mo(V) in [Mo ₆ O ₁₉][N(C ₄ H ₉) ₄] ₃ salt. Journal of Magnetism and Magnetic Materials, 2012, 324, 4061-4063.	2.3	8
78	Investigation of energy levels and local lattice for LuLiF ₄ : Yb ³⁺ laser crystal. Optik, 2012, 123, 720-721.	2.9	4
79	Luminescence properties of core-shell structured SiO ₂ @CaMoO ₄ :Eu ³⁺ phosphor. Journal of Solid State Chemistry, 2012, 187, 109-113.	2.9	24
80	Theoretical investigation of optical spectra and covalent effect of Cr ⁴⁺ in Y ₂ Ti ₂ O ₇ and Y ₂ Sn ₂ O ₇ . Physica B: Condensed Matter, 2012, 407, 2344-2346.	2.7	9
81	Studies of the local compressibility of Cr ³⁺ -centered octahedron in LiSc (WO ₄) ₂ crystal from the pressure dependence of the optical spectra. Radiation Effects and Defects in Solids, 2011, 166, 160-163.	1.2	6
82	Effect of surfactants on morphology and luminescent properties of CaMoO ₄ : Eu ³⁺ red phosphors. Journal of Alloys and Compounds, 2011, 509, 845-848.	5.5	85
83	A unified calculation of the optical spectral band positions and electron paramagnetic resonance spectral data for Yb ³⁺ in InP semiconductor. Journal of Alloys and Compounds, 2011, 509, 5660-5661.	5.5	4
84	Theoretical investigation for the EPR g-factors of the mixed ground state in NaCl: Ag ²⁺ crystals. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 1308-1310.	3.9	1
85	Optical spectra and spin-Hamiltonian parameters of trivalent ytterbium in lead tungstate. Pramana - Journal of Physics, 2011, 76, 149-152.	1.8	1
86	Stokes and anti-Stokes blue light emissions of thermal evaporated silica sub-micron wires. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 466-470.	1.8	3
87	Theoretical studies on the SH parameters and local distortion structure of KCl:Ag ²⁺ crystal. Physica B: Condensed Matter, 2011, 406, 56-58.	2.7	0
88	Theoretical calculations of the optical band positions and spin-Hamiltonian parameters for Yb ³⁺ at the tetragonal Y ₃ ⁺ site of KY ₃ F ₁₀ crystal. Physica B: Condensed Matter, 2011, 406, 2580-2582.	2.7	3
89	Influence of the \hat{I}^2 coefficient in the superposition model on the spin-Hamiltonian parameters of the ground state of paramagnetic ions. Physica Scripta, 2011, 83, 065705.	2.5	10
90	The controllability of the non-ohmic and dielectric properties of the zno-based ceramic by doping with Ag., 2011, , .		0

#	ARTICLE	IF	CITATIONS
91	Effects of Ag particles on sintering and electrical properties of ZnO-based varistor. Materials Research Bulletin, 2010, 45, 974-978.	5.2	4
92	Spin-Hamiltonian parameters and local lattice structure for Pd(II) center in γ -irradiated bis(acetylacetonato)palladium(II). Crystal Research and Technology, 2010, 45, 75-78.	1.3	7
93	Studies of the spin-Hamiltonian parameters and the Jahn-Teller distortions for tetragonal $\text{Cu}(\text{H}_2\text{O})_6^{2+}$ clusters in trigonal $\text{A}_2\text{Mg}_3(\text{NO}_3)_{12}\cdot 24\text{H}_2\text{O}$ (A=La, Bi) crystals. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 1280-1282.	3.9	14
94	Study on the absorption spectra and electron paramagnetic resonance g factors of RbNiCl_3 single crystal. Physica B: Condensed Matter, 2010, 405, 3831-3833.	2.7	4
95	Local compressibility and substitutional site for the dominant Cr^{3+} -centered octahedron in $\text{LaMgAl}_{11}\text{O}_{19}$ crystal. Physica B: Condensed Matter, 2010, 405, 218-220.	2.7	3
96	Investigations of the optical spectra and EPR g factors for $\text{LuAlO}_3:\text{Ce}^{3+}$ crystal. Physica B: Condensed Matter, 2010, 405, 1055-1057.	2.7	10
97	Investigations of the spin-Hamiltonian parameters and tetragonal distortion due to the Jahn-Teller effect for $\text{Cu}(\text{H}_2\text{O})_6^{2+}$ clusters in $\text{C}(\text{NH}_2)_3\text{Al}(\text{SO}_4)_2\cdot 6\text{H}_2\text{O}:\text{Cu}^{2+}$ crystal. Physica B: Condensed Matter, 2010, 405, 2018-2020.	2.7	19
98	Theoretical Investigation of the g Factors for Copper (II) Ion in an Orthorhombic Crystal and its Application to $(\text{CuCl}_4)^{2-}$ Cluster. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2010, 65, 251-262.	1.5	1
99	Theoretical investigation of the optical spectra and local lattice structure for Mn^{5+} in a $\text{Sr}_{10}(\text{VO}_4)_6\text{F}_2$ crystal. Philosophical Magazine, 2010, 90, 1213-1217.	1.6	10
100	Substitutional site of Co^{2+} ion in RbMgF_3 crystal. Radiation Effects and Defects in Solids, 2010, 165, 260-264.	1.2	4
101	Investigations of the spin-Hamiltonian parameters and tetragonal distortions due to Jahn-Teller effect for the monovalent d9 (Ni^+ , Pd^+ , Pt^+) impurity centers in AgCl crystals. Journal of Alloys and Compounds, 2010, 507, 498-501.	5.5	15
102	Optical spectrum and EPR parameters for vanadium (V^{3+}) in cadmium telluride. Philosophical Magazine Letters, 2010, 90, 533-538.	1.2	7
103	Synthesis and Characteristic of $\text{CaMoO}_4:\text{Eu}^{3+}$ Red Phosphor for W-LED by Co-precipitation. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2010, 25, 1015-1019.	1.3	9
104	Studies of the optical spectra and spin-Hamiltonian parameters for the trivalent ytterbium ions in lithium yttrium fluoride crystals. Radiation Effects and Defects in Solids, 2009, 164, 679-684.	1.2	5
105	INVESTIGATION OF THE DEFECT STRUCTURE, OPTICAL AND EPR SPECTRA FOR $\text{CdS}:\text{Ti}^{2+}$ AND $\text{CdSe}:\text{Ti}^{2+}$ CRYSTAL. International Journal of Modern Physics B, 2009, 23, 5325-5331.	2.0	6
106	STUDIES OF THE SPIN-HAMILTONIAN PARAMETERS AND OPTICAL SPECTRUM BAND POSITIONS FOR THE Yb^{3+} ION IN $\text{Tm}_3\text{Al}_5\text{O}_{12}$ CRYSTALS. Modern Physics Letters B, 2009, 23, 2457-2462.	1.9	4
107	Theoretical studies of the optical and EPR spectra for vanadyl ions in alkaline-earth aluminoborate glasses. Philosophical Magazine, 2009, 89, 1391-1394.	1.6	16
108	Electron paramagnetic resonance parameters of Mn^{4+} ion in h- BaTiO_3 crystal from a two-mechanism model. Pramana - Journal of Physics, 2009, 72, 569-575.	1.8	16

#	ARTICLE	IF	CITATIONS
109	Theoretical studies of EPR g -factors and microstructure of the two tetragonal palladium centers in silver chloride. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 1945-1947.	1.5	9
110	Investigations of the optical and EPR spectra for $(\text{NiX})_4^{2+}$ (X=Cl, Br, I) clusters. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 3290-3292.	2.3	16
111	Spin-Hamiltonian parameters and tetragonal distortion due to the Jahn-Teller effect for Cu^{2+} centres in trigonal $\text{Zn}(\text{BrO}_3) \cdot 6\text{H}_2\text{O}$ crystal. <i>Molecular Physics</i> , 2009, 107, 2293-2297.	1.7	14
112	Theoretical investigation of the local structure of the KH_2PO_4 : Cu^{2+} single crystal. <i>Radiation Effects and Defects in Solids</i> , 2009, 164, 183-186.	1.2	8
113	An investigation of spin-Hamiltonian parameters for Pd^{2+} ions in trigonal sites of CsMgCl_3 crystals. <i>Journal of Alloys and Compounds</i> , 2009, 479, 711-713.	5.5	11
114	Theoretical studies of the spin-Hamiltonian parameters for the orthorhombic Pr^{4+} centers in Sr_2CeO_4 crystals. <i>Pramana - Journal of Physics</i> , 2008, 70, 705-709.	1.8	5
115	Studies of the defect structure from the calculations of optical and electron paramagnetic resonance spectra for Ni^{2+} centre in LiIO_3 crystal. <i>Pramana - Journal of Physics</i> , 2008, 71, 573-578.	1.8	3
116	Investigations of spin-Hamiltonian parameters and defect structure for Mn^{4+} in Al_2O_3 from a two-mechanism model. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 756-760.	1.5	4
117	Defect model and EPR parameters for the tetragonal Yb^{3+} center in KTaO_3 crystal. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 559-561.	3.9	9
118	Theoretical studies of the optical and EPR spectra for V^{3+} in Y_2O_3 crystal. <i>Journal of Luminescence</i> , 2008, 128, 1471-1473.	3.1	7
119	Investigations of the optical spectra and local structure for nickel(II) ions in XF_2 (X=Mg, Zn) single crystals. <i>Philosophical Magazine Letters</i> , 2008, 88, 287-291.	1.2	9
120	Defect Structure and EPR Parameters of the Cu^{2+} Center in MNB Ternary Glasses. <i>Spectroscopy Letters</i> , 2008, 41, 151-153.	1.0	19
121	Studies of the optical spectral bands and spin-Hamiltonian parameters for Ni^{2+} ions in a CdCl_2 crystal. <i>Radiation Effects and Defects in Solids</i> , 2008, 163, 857-861.	1.2	24
122	Substitutional site and defect structure of Ni^{2+} in LiNbO_3 crystal studied from the optical and electron paramagnetic resonance spectra. <i>Radiation Effects and Defects in Solids</i> , 2008, 163, 29-34.	1.2	16
123	Investigation of the EPR Parameters and Defect Structure of Ni^{2+} Ions in RbMgF_3 Crystals. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2007, 62, 221-223.	1.5	1
124	Investigations of the optical and EPR spectra for VO_2 in $\text{NaHC}_2\text{O}_4 \cdot \text{H}_2\text{O}$ single crystals. <i>Philosophical Magazine Letters</i> , 2007, 87, 663-667.	1.2	14
125	Theoretical studies of the spin-Hamiltonian parameters and the effects of the temperature and pressure on the zero-field splitting for Ni^{2+} : $\text{Zn}(\text{BF}_4) \cdot 6\text{H}_2\text{O}$ crystal. <i>Physica B: Condensed Matter</i> , 2007, 387, 52-55.	2.7	9
126	Defect models of the three trigonal Ti^{3+} centers in $\text{LiF}:\text{Ti}^{3+}$ and $\text{LiF}:\text{Ti}^{3+}:\text{Mg}^{2+}$ crystals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 1312-1316.	3.9	2

#	ARTICLE	IF	CITATIONS
127	A study of the optical and EPR spectra for Ni ²⁺ ion at the Cd ²⁺ (II) site of CsCdCl ₃ crystal. Physica Status Solidi (B): Basic Research, 2007, 244, 3308-3312.	1.5	8
128	Investigations of the optical and EPR spectra of V ³⁺ ions in C(NH ₂) ₃ Al(SO ₄) ₂ · 6H ₂ O crystal. Physica Status Solidi (B): Basic Research, 2006, 243, 1881-1884.	1.5	14
129	Investigation of the Local Geometry and EPR Parameters of V ³⁺ and Cr ⁴⁺ Centers in Al ₂ O ₃ Crystals. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2006, 61, 691-694.	1.5	9