

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	Effect of surfactants on morphology and luminescent properties of CaMoO ₄ : Eu ³⁺ red phosphors. <i>Journal of Alloys and Compounds</i> , 2011, 509, 845-848.	5.5	85
2	High-performance Schottky heterojunction photodetector with directly grown graphene nanowalls as electrodes. <i>Nanoscale</i> , 2017, 9, 6020-6025.	5.6	77
3	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
4	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
5	Infrared Photodetector Based on the Photothermionic Effect of Graphene-Nanowall/Silicon Heterojunction. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 17663-17669.	8.0	45
6	Co-precipitation synthesis and photoluminescence properties of Ba _{1-x} MoO ₄ :xEu ³⁺ red phosphors. <i>Journal of Luminescence</i> , 2013, 134, 614-617.	3.1	41
7	Synthesis and photoluminescence of novel red-emitting ZnWO ₄ : Pr ³⁺ , Li ⁺ phosphors. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 154, 72-75.	3.9	36
8	KSr ₄ (BO ₃) ₃ :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
9	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
10	Preparation and luminescent properties of green SrAl ₂ O ₄ : Eu ²⁺ and blue SrAl ₂ O ₄ : Eu ²⁺ , Gd ³⁺ phosphors. <i>Materials Letters</i> , 2013, 110, 91-93.	2.6	30
11	Fiber-optic curvature and temperature sensor based on the lateral-offset spliced SMF-FCF-SMF interference structure. <i>Optics and Laser Technology</i> , 2021, 141, 107174.	4.6	29
12	Photoluminescence properties of (Ba _{1-x} Eu _x)WO ₄ red synthesized by the coprecipitation/calcination method. <i>Journal of Alloys and Compounds</i> , 2012, 521, 146-149.	5.5	25
13	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
14	Luminescence properties of core-shell structured SiO ₂ @CaMoO ₄ :Eu ³⁺ phosphor. <i>Journal of Solid State Chemistry</i> , 2012, 187, 109-113.	2.9	24
15	Photonic crystal fiber in-line Mach-Zehnder interferometer for explosive detection. <i>Optics Express</i> , 2016, 24, 2806.	3.4	23
16	Eu(III) doped zinc metal organic framework material and its sensing detection for nitrobenzene. <i>Journal of Solid State Chemistry</i> , 2019, 280, 120984.	2.9	23
17	Experimental and theoretical spectroscopic study of praseodymium(III) doped strontium aluminate phosphors. <i>Journal of Alloys and Compounds</i> , 2015, 628, 343-346.	5.5	22
18	Broadband InSb/Si heterojunction photodetector with graphene transparent electrode. <i>Nanotechnology</i> , 2020, 31, 315204.	2.6	22

#	ARTICLE	IF	CITATIONS
19	Luminescence and energy transfer properties of novel Na _{2.5} Y _{0.5} Mg ₇ (PO ₄) ₆ : R (R = Tj ETQq1 1 0.7843.14 rgBT /Overlock 10 3.3 21 3983-3991.	3.3	21
20	Fiber-Optic Surface Plasmon Resonance Sensor for Trace Cadmium-Ion Detection Based on Ag-PVA/TiO ₂ Sensing Membrane. IEEE Sensors Journal, 2021, 21, 18650-18655.	4.7	21
21	Photoluminescence properties of red europium doped calcium tungstate phosphors for blue-pumped light-emitting diodes. Optik, 2015, 126, 1341-1343.	2.9	20
22	Defect Structure and EPR Parameters of the Cu ²⁺ Center in MNB Ternary Glasses. Spectroscopy Letters, 2008, 41, 151-153.	1.0	19
23	Investigations of the spin-Hamiltonian parameters and tetragonal distortion due to the Jahn-Teller effect for Cu(H ₂ O) ₆ ²⁺ clusters in C(NH ₂) ₃ Al(SO ₄) ₂ ·6H ₂ O: Cu ²⁺ crystal. Physica B: Condensed Matter, 2010, 405, 2018-2020.	2.7	19
24	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
25	Dual Fabry-Pérot 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
26	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
27	Hydrogen sulfide gas sensor based on copper/graphene oxide coated multi-node thin-core fiber interferometer. Applied Optics, 2019, 58, 2152.	1.8	17
28	Substitutional site and defect structure of Ni ²⁺ in LiNbO ₃ crystal studied from the optical and electron paramagnetic resonance spectra. Radiation Effects and Defects in Solids, 2008, 163, 29-34.	1.2	16
29	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
30	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
31	Investigations of the optical and EPR spectra for (NiX ₆) ⁴⁻ (X=Cl, Br, I) clusters. Journal of Magnetism and Magnetic Materials, 2009, 321, 3290-3292.	2.3	16
32	Trace hydrogen sulfide gas sensor based on tungsten sulfide membrane-coated thin-core fiber modal interferometer. Applied Surface Science, 2017, 423, 492-497.	6.1	16
33	Trace Carbon Monoxide Gas Sensor Based on PANI/Co ₃ O ₄ /CuO Composite Membrane-Coated Thin-Core Fiber Modal Interferometer. IEEE Sensors Journal, 2018, 18, 8762-8766.	4.7	16
34	Cadmium-ion detection: a comparative study for a SnO ₂ , MoS ₂ , SnO ₂ /MoS ₂ , SnO ₂ -MoS ₂ sensing membrane combination with a fiber-optic Mach-Zehnder interferometer. Applied Optics, 2021, 60, 799.	1.8	16
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Synthesis and Photoluminescence of Tetravalent Cerium-Doped Alkaline-Earth-Metal Tungstate Phosphors by a Co-precipitation Method. <i>Spectroscopy Letters</i> , 2015, 48, 381-385.	1.0	15
38	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
39	Investigations of the optical and EPR spectra of V ³⁺ ions in C(NH ₂) ₃ Al(SO ₄) ₂ · 6H ₂ O crystal. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 1881-1884.	1.5	14
40	Investigations of the optical and EPR spectra for VO ₂ in NaHCO ₃ · H ₂ O single crystals. <i>Philosophical Magazine Letters</i> , 2007, 87, 663-667.	1.2	14
41	Spin-Hamiltonian parameters and tetragonal distortion due to the Jahn-Teller effect for Cu ²⁺ centres in trigonal Zn(BrO ₃) · 6H ₂ O crystal. <i>Molecular Physics</i> , 2009, 107, 2293-2297.	1.7	14
42	Studies of the spin-Hamiltonian parameters and the Jahn-Teller distortions for tetragonal Cu(H ₂ O) ₆ ²⁺ clusters in trigonal A ₂ Mg ₃ (NO ₃) ₁₂ · 24H ₂ O (A=La, Bi) crystals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 1280-1282.	3.9	14
43	Fiber-optic dual Fabry-Pérot interferometric carbon monoxide sensor with polyaniline/Co ₃ O ₄ /graphene oxide sensing membrane. <i>Chinese Chemical Letters</i> , 2020, 31, 2145-2149.	9.0	14
44	Photoluminescence properties and energy transfer of blue-green CaAl ₂ O ₄ : Tb ³⁺ , Bi ³⁺ phosphors. <i>Journal of Solid State Chemistry</i> , 2021, 293, 121774.	2.9	14
45	Theoretical analysis of spin-Hamiltonian parameters for the rhombic Cu ²⁺ centres in CuGaSe ₂ crystals. <i>Molecular Physics</i> , 2014, 112, 85-87.	1.7	13
46	Theoretical explanation of absorption spectra and ESR parameters of Cu ²⁺ in shattuckite. <i>Physica B: Condensed Matter</i> , 2012, 407, 3865-3867.	2.7	12
47	Multi-parameter sensor based on the fiber Bragg grating combined with triangular-lattice four-core fiber. <i>Optik</i> , 2020, 208, 164094.	2.9	12
48	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
49	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
50	Unified calculations of optical and EPR data for Cu ³⁺ ion in Al ₂ O ₃ crystal. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 377, 190-192.	2.3	11
51	Synthesis, photoluminescence and theoretical explanations of trivalent europium-doped dipotassium tungstate phosphors. <i>Optik</i> , 2017, 131, 1007-1015.	2.9	11
52	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
53	Investigations of the optical spectra and EPR g factors for LuAlO ₃ :Ce ³⁺ crystal. <i>Physica B: Condensed Matter</i> , 2010, 405, 1055-1057.	2.7	10
54	Theoretical investigation of the optical spectra and local lattice structure for Mn ⁵⁺ in a Sr ₁₀ (VO ₄) ₆ F ₂ crystal. <i>Philosophical Magazine</i> , 2010, 90, 1213-1217.	1.6	10

#	ARTICLE	IF	CITATIONS
55	Influence of the \hat{J}^2 coefficient in the superposition model on the spin-Hamiltonian parameters of the ground state of paramagnetic ions. <i>Physica Scripta</i> , 2011, 83, 065705.	2.5	10
56	Effect of boric acid on structure, morphology and luminescent properties of divalent europium doped calcium aluminate phosphors. <i>Optik</i> , 2014, 125, 1252-1254.	2.9	10
57	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
58	Ag/APTES/Cu _x O ($x = 1, 2$)-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
59	Investigation of the Local Geometry and EPR Parameters of V ³⁺ and Cr ⁴⁺ Centers in Al ₂ O ₃ Crystals. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2006, 61, 691-694.	1.5	9
60	Theoretical studies of the spin-Hamiltonian parameters and the effects of the temperature and pressure on the zero-field splitting for Ni ²⁺ : Zn(BF ₄) ₂ ·6H ₂ O crystal. <i>Physica B: Condensed Matter</i> , 2007, 387, 52-55.	2.7	9
61	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
62	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
63	Theoretical studies of EPR 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
64	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 . <i>Physica B: Condensed Matter</i> , 2012, 407, 2344-2346.	2.7	9
65	Synthesis and Characteristic of CaMoO ₄ :Eu ³⁺ Red Phosphor for W-LED by Co-precipitation. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2010, 25, 1015-1019.	1.3	9
66	A study of the optical and EPR spectra for Ni ²⁺ ion at the Cd ²⁺ (II) site of CsCdCl ₃ crystal. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 3308-3312.	1.5	8
67	Theoretical investigation of the local structure of the KH ₂ PO ₄ :Cu ²⁺ single crystal. <i>Radiation Effects and Defects in Solids</i> , 2009, 164, 183-186.	1.2	8
68	Theoretical investigation of EPR and optical spectra of Mo(V) in [Mo ₆ O ₁₉][N(C ₄ H ₉) ₄] ₃ salt. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 4061-4063.	2.3	8
69	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
70	Photoluminescence Properties of Ca ₃ Si ₂ 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
71	Photoluminescence properties of Eu ³⁺ doped CaSr(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
72	Theoretical studies of the optical and EPR spectra for V ³⁺ in Y ₂ O ₃ crystal. <i>Journal of Luminescence</i> , 2008, 128, 1471-1473.	3.1	7

#	ARTICLE	IF	CITATIONS
73	Spin-Hamiltonian parameters and local lattice structure for Pd(II) center in γ -irradiated bis(acetylacetonato)palladium(II). <i>Crystal Research and Technology</i> , 2010, 45, 75-78.	1.3	7
74	Optical spectrum and EPR parameters for vanadium (V ³⁺) in cadmium telluride. <i>Philosophical Magazine Letters</i> , 2010, 90, 533-538.	1.2	7
75	Photoluminescence and Crystal-Field Analysis of Pr ³⁺ -Doped SrMoO ₄ Phosphors. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2015, 70, 11-16.	1.5	7
76	Michelson liquid-level sensor based on cascaded no-core fiber and single-mode fiber structure. <i>Optik</i> , 2020, 206, 163746.	2.9	7
77	INVESTIGATION OF THE DEFECT STRUCTURE, OPTICAL AND EPR SPECTRA FOR CdS: Ti ²⁺ AND CdSe: Ti ²⁺ CRYSTAL. <i>International Journal of Modern Physics B</i> , 2009, 23, 5325-5331.	2.0	6
78	Studies of the local compressibility of Cr ³⁺ -centered octahedron in LiSc(WO ₄) ₂ crystal from the pressure dependence of the optical spectra. <i>Radiation Effects and Defects in Solids</i> , 2011, 166, 160-163.	1.2	6
79	Theoretical explanation of spin-Hamiltonian parameters for the rhombic Mo ⁵⁺ octahedral clusters in molybdenum phosphate glasses. <i>Molecular Physics</i> , 2015, 113, 3228-3231.	1.7	6
80	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
81	Carbon monoxide gas sensor based on an γ -Fe ₂ O ₃ /reduced graphene oxide quantum dots composite film integrated Michelson interferometer. <i>Measurement Science and Technology</i> , 2022, 33, 035102.	2.6	6
82	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
83	Theoretical studies of the spin-Hamiltonian parameters for the orthorhombic Pr ⁴⁺ centers in Sr ₂ CeO ₄ crystals. <i>Pramana - Journal of Physics</i> , 2008, 70, 705-709.	1.8	5
84	Studies of the optical spectra and spin-Hamiltonian parameters for the trivalent ytterbium ions in lithium yttrium fluoride crystals. <i>Radiation Effects and Defects in Solids</i> , 2009, 164, 679-684.	1.2	5
85	Investigation on the Local Structure of Nickel II-Doped Sodium Phosphate Glasses by Their Optical Spectra and Electron Spin Resonance g Factor. <i>Spectroscopy Letters</i> , 2013, 46, 87-90.	1.0	5
86	Effect of Trace Fe ³⁺ on Luminescent Properties of CaWO ₄ : Pr ³⁺ Phosphors. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2016, 71, 21-25.	1.5	5
87	Hydrogen Sulfide Gas Sensor Based on Copper/Graphene Oxide Composite Film-Coated Tapered Single-Mode Fibre Interferometer. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2019, 74, 931-936.	1.5	5
88	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
89	Michelson Interferometric Hydrogen Sulfide Gas Sensor Based on NH ₂ -rGO Sensitive Film. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2020, 75, 241-248.	1.5	5
90	Investigations of spin-Hamiltonian parameters and defect structure for Mn ⁴⁺ in Al ₂ O ₃ from a two-mechanism model. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 756-760.	1.5	4

#	ARTICLE	IF	CITATIONS
91	STUDIES OF THE SPIN-HAMILTONIAN PARAMETERS AND OPTICAL SPECTRUM BAND POSITIONS FOR THE Yb ³⁺ ION IN Tm ₃ Al ₅ O ₁₂ CRYSTALS. <i>Modern Physics Letters B</i> , 2009, 23, 2457-2462.	1.9	4
92	Effects of Ag particles on sintering and electrical properties of ZnO-based varistor. <i>Materials Research Bulletin</i> , 2010, 45, 974-978.	5.2	4
93	Study on the absorption spectra and electron paramagnetic resonance g factors of RbNiCl ₃ single crystal. <i>Physica B: Condensed Matter</i> , 2010, 405, 3831-3833.	2.7	4
94	Substitutional site of Co ²⁺ ion in RbMgF ₃ crystal. <i>Radiation Effects and Defects in Solids</i> , 2010, 165, 260-264.	1.2	4
95	A unified calculation of the optical spectral band positions and electron paramagnetic resonance spectral data for Yb ³⁺ in InP semiconductor. <i>Journal of Alloys and Compounds</i> , 2011, 509, 5660-5661.	5.5	4
96	Theoretical explanation for Raman and ESR spectra of V ³⁺ ions in salt guanidinium vanadium sulfate hexahydrate. <i>Philosophical Magazine Letters</i> , 2012, 92, 368-372.	1.2	4
97	Investigation of energy levels and local lattice for LuLiF ₄ : Yb ³⁺ laser crystal. <i>Optik</i> , 2012, 123, 720-721.	2.9	4
98	Calculations with the two-mechanism model for the spin-Hamiltonian parameters of Mo ⁵⁺ ions in phosphate glasses. <i>Journal of Non-Crystalline Solids</i> , 2014, 385, 160-162.	3.1	4
99	Effect of Ba substitution on photoluminescence of Zn _{1-x} Ba _x Al ₂ O ₄ :Eu ³⁺ . <i>Optik</i> , 2016, 127, 2617-2619.	2.9	4
100	Synthesis, substitutional sites and photoluminescence of Na ₂ SrMg(PO ₄): Pr ³⁺ phosphors. <i>Optik</i> , 2017, 148, 101-105.	2.9	4
101	M ₄ B ₆ 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
102	Studies of the defect structure from the calculations of optical and electron paramagnetic resonance spectra for Ni ²⁺ centre in $\sqrt{2}$ -LiIO ₃ crystal. <i>Pramana - Journal of Physics</i> , 2008, 71, 573-578.	1.8	3
103	Local compressibility and substitutional site for the dominant Cr ³⁺ -centered octahedron in LaMgAl ₁₁ O ₁₉ crystal. <i>Physica B: Condensed Matter</i> , 2010, 405, 218-220.	2.7	3
104	Stokes and anti-Stokes blue light emissions of thermal-evaporated silica sub-micron wires. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 466-470.	1.8	3
105	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. <i>Physica B: Condensed Matter</i> , 2011, 406, 2580-2582.	2.7	3
106	Theoretical calculations of spin-Hamiltonian parameters for the square planar Pd ²⁺ clusters in the β^3 -irradiated A ₂ PdCl ₄ (A = K, NH ₄) crystals. <i>Philosophical Magazine</i> , 2013, 93, 3690-3694.	1.6	3
107	Novel Red-Orange Phosphors Na ₂ BaMg(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
108	Analysis and measurement of the medium- α dispersion in the open-cavity of fiber-optic Fabry-Perot interferometer. <i>Sensors and Actuators A: Physical</i> , 2021, 331, 112892.	4.1	3

#	ARTICLE	IF	CITATIONS
109	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
110	Fiber optic Fabry-Pérot interferometer constructed by quartz capillary and titanium wire for temperature measurement. <i>Measurement Science and Technology</i> , 2021, 32, 015102.	2.6	3
111	LiO-66 metal-organic framework integrated Michelson interferometer for fluoride-ion detection. <i>Optical Fiber Technology</i> , 2022, 70, 102885.	2.7	3
112	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
113	Defect models of the three trigonal Ti ³⁺ centers in LiF:Ti ³⁺ and LiF:Ti ³⁺ :Mg ²⁺ crystals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 1312-1316.	3.9	2
114	Investigations of the zero-field splitting with the local tilting angle $\tilde{\Gamma}_1$ Fe ³⁺ for Fe ³⁺ in ZnGeP ₂ crystal. <i>Radiation Effects and Defects in Solids</i> , 2015, 170, 729-732.	1.2	2
115	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
116	Green Zn ₃ Al ₂ Ge ₂ O ₁₀ : Mn ²⁺ Phosphors: Solid-Phase Synthesis, Structure, and Luminescent Properties. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2019, 74, 1109-1113.	1.5	2
117	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
118	Silver-coated three-core fiber Michelson interferometer for liquid-level measurement. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2020, 75, 1085-1090.	1.5	2
119	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
120	Theoretical Investigation of the g Factors for Copper (II) Ion in an Orthorhombic Crystal and its Application to (CuCl ₄) ²⁻ Cluster. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010, 65, 251-262.	1.5	1
121	Theoretical investigation for the EPR g-factors of the mixed ground state in NaCl: Ag ²⁺ crystals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1308-1310.	3.9	1
122	Optical spectra and spin-Hamiltonian parameters of trivalent ytterbium in lead tungstate. <i>Pramana - Journal of Physics</i> , 2011, 76, 149-152.	1.8	1
123	Theoretical Explanation of the Optical and Electron Paramagnetic Resonance Spectral Data for Trivalent Ytterbium Ions in $\hat{\Gamma}_2$ -Lead Fluoride. <i>Spectroscopy Letters</i> , 2012, 45, 404-406.	1.0	1
124	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
125	Trace Hydrogen Sulphide Gas Sensor Based on Cu/rGO Membrane-Coated Photonic Crystal Fibre Michelson Interferometer. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2020, 75, 293-299.	1.5	1
126	Fiber-optic Michelson interferometer based on $\hat{\Gamma}_4$ -Fe ₂ O ₃ /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

#	ARTICLE	IF	CITATIONS
127	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
128	The controllability of the non-ohmic and dielectric properties of the zno- based ceramic by doping with Ag., 2011, , .		0
129	Simultaneous demodulation comparison of fiber-optic Fabryâ€“Perot sensors connected in parallel and series. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2021, .	1.5	0