

Takayuki Nakanishi

List of Publications by Year in descending order

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151
papers

3,647
citations

136740

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156
docs citations

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times ranked

3756
citing authors

#	ARTICLE	IF	CITATIONS
1	Chameleon Luminophore for Sensing Temperatures: Control of Metal-to-Metal and Energy Back Transfer in Lanthanide Coordination Polymers. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6413-6416.	7.2	313
2	Analysis of Ce ³⁺ luminescence quenching in solid solutions between Y ₃ Al ₅ O ₁₂ and Y ₃ Ga ₅ O ₁₂ by temperature dependence of photoconductivity measurement. <i>Journal of Applied Physics</i> , 2011, 110, 53102-531026.	1.1	193
3	Luminescent lanthanide coordination polymers for photonic applications. <i>RSC Advances</i> , 2015, 5, 338-353.	1.7	181
4	Effective photosensitized, electrosensitized, and mechanosensitized luminescence of lanthanide complexes. <i>NPG Asia Materials</i> , 2018, 10, 52-70.	3.8	154
5	Luminescent Mechanochromic 9-Anthryl Gold(I) Isocyanide Complex with an Emission Maximum at 900 nm after Mechanical Stimulation. <i>Journal of the American Chemical Society</i> , 2017, 139, 6514-6517.	6.6	139
6	Cluster-to-cluster electronic interaction in a superatomic Au ₁₃ cluster bearing f-bonded acetylide ligands. <i>Chemical Communications</i> , 2015, 51, 13519-13522.	2.2	93
7	Corrosion behaviour of ferrite and austenite phases on super duplex stainless steel in a modified green-death solution. <i>Corrosion Science</i> , 2014, 89, 111-117.	3.0	88
8	A Meta-Analysis of Extensive Reading Research. <i>TESOL Quarterly</i> , 2015, 49, 6-37.	1.5	81
9	Novel Eu ²⁺ -Activated Glass Ceramics Precipitated With Green and Red Phosphors for High-Power White LED. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2009, 15, 1171-1176.	1.9	63
10	A luminescent single-molecule magnet: observation of magnetic anisotropy using emission as a probe. <i>Dalton Transactions</i> , 2013, 42, 1987.	1.6	61
11	Seven-coordinate Luminophores: Brilliant Luminescence of Lanthanide Complexes with C _{3v} Geometrical Structures. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4769-4774.	1.0	60
12	Organic linkers control the thermosensitivity of the emission intensities from Tb(III) and Eu(III) in a chameleon polymer. <i>Chemical Science</i> , 2017, 8, 423-429.	3.7	60
13	Thermostable Organophosphor: Low-Vibrational Coordination Polymers That Exhibit Different Intermolecular Interactions. <i>ChemPlusChem</i> , 2012, 77, 277-280.	1.3	58
14	Photo- and thermo-stable luminescent beads composed of Eu(III) complexes and PMMA for enhancement of silicon solar cell efficiency. <i>Journal of Alloys and Compounds</i> , 2014, 601, 293-297.	2.8	58
15	Triboluminescence of Lanthanide Coordination Polymers with Face-to-Face Arranged Substituents. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7171-7175.	7.2	54
16	Enhanced Luminescence of Asymmetrical Seven-coordinate Eu(III) Complexes Including LMCT Perturbation. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3843-3848.	1.0	53
17	Spiral Eu(III) coordination polymers with circularly polarized luminescence. <i>Chemical Communications</i> , 2018, 54, 10695-10697.	2.2	47
18	Preparation and luminescent properties of Eu ²⁺ -activated glass ceramic phosphor precipitated with Ca ₂ SiO ₄ and Ca ₃ Si ₂ O ₇ . <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 919-922.	0.8	46

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19	Luminescent Europium(III) Coordination Zippers Linked with Thiophene-Based Bridges. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12059-12062.	7.2	46
20	Fabrication of Eu:SrAl ₂ O ₄ -based glass ceramics using Frozen sorbet method. <i>Journal of the Ceramic Society of Japan</i> , 2011, 119, 609-615.	0.5	45
21	Effect of Ligand Polarization on Asymmetric Structural Formation for Strongly Luminescent Lanthanide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5911-5918.	1.0	42
22	Chameleon Luminophore for Sensing Temperatures: Control of Metal-Metal and Energy Back Transfer in Lanthanide Coordination Polymers. <i>Angewandte Chemie</i> , 2013, 125, 6541-6544.	1.6	42
23	Luminescent Coordination Glass: Remarkable Morphological Strategy for Assembled Eu(III) Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 4364-4370.	1.9	42
24	Effect of Hydrogen Sulfide Ions on the Passive Behavior of Type 316L Stainless Steel. <i>Journal of the Electrochemical Society</i> , 2015, 162, C685-C692.	1.3	41
25	Optical and optoelectronic analysis of persistent luminescence in Eu ²⁺ -Dy ³⁺ codoped SrAl ₂ O ₄ ceramic phosphor. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 2322-2325.	0.8	39
26	Microelectrode techniques for corrosion research of iron. <i>Electrochimica Acta</i> , 2013, 113, 741-747.	2.6	39
27	Synthesis of Group 14 Dipyridinometallobes with Enhanced Electron-Deficient Properties and Solid-State Phosphorescence. <i>Organometallics</i> , 2014, 33, 517-521.	1.1	39
28	Eu(III) Chiral Coordination Polymer with a Structural Transformation System. <i>Inorganic Chemistry</i> , 2017, 56, 5741-5747.	1.9	38
29	A Luminescent Dinuclear Eu ^{III} /Tb ^{III} Complex with LMCT Band as a Single-Molecular Thermosensor. <i>Chemistry - A European Journal</i> , 2018, 24, 1956-1961.	1.7	38
30	Thermo-sensitive luminescent materials composed of Tb(III) and Eu(III) complexes. <i>Materials Letters</i> , 2014, 130, 91-93.	1.3	37
31	Critical Role of Energy Transfer Between Terbium Ions for Suppression of Back Energy Transfer in Nonanuclear Terbium Clusters. <i>Scientific Reports</i> , 2016, 6, 37008.	1.6	37
32	Ligand-Assisted Back Energy Transfer in Luminescent Tb ^{III} Complexes for Thermosensing Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 17719-17726.	1.7	33
33	Synthesis, Optical Properties, and Crystal Structures of Dithienostannoles. <i>Organometallics</i> , 2013, 32, 4136-4141.	1.1	32
34	Grain-Dependent Passivation of Iron in Sulfuric Acid Solution. <i>Journal of the Electrochemical Society</i> , 2014, 161, C594-C600.	1.3	32
35	A highly luminescent Eu(III) complex based on an electronically isolated aromatic ring system with ultralong lifetime. <i>Dalton Transactions</i> , 2018, 47, 7327-7332.	1.6	30
36	Passivation Behavior of Type-316L Stainless Steel in the Presence of Hydrogen Sulfide Ions Generated from a Local Anion Generating System. <i>Electrochimica Acta</i> , 2016, 220, 304-311.	2.6	29

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37	Directional outcoupling of photoluminescence from Eu(III)-complex thin films by plasmonic array. <i>APL Photonics</i> , 2017, 2, .	3.0	29
38	Microelectrochemistry of dual-phase steel corroding in 0.1 M sulfuric acid. <i>Electrochimica Acta</i> , 2013, 114, 83-87.	2.6	28
39	Enhancement of Optical Faraday Effect of Nonanuclear Tb(III) Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 7635-7641.	1.9	26
40	Enhanced Light Storage of SrAl ₂ O ₄ Glass-Ceramics Controlled by Selective Europium Reduction. <i>Journal of the American Ceramic Society</i> , 2015, 98, 423-429.	1.9	26
41	Effective Photo- and Triboluminescent Europium(III) Coordination Polymers with Rigid Triangular Spacer Ligands. <i>Chemistry - A European Journal</i> , 2017, 23, 2666-2672.	1.7	26
42	Hyper-stable organo-Eu(III) luminophore under high temperature for photo-industrial application. <i>Scientific Reports</i> , 2016, 6, 24458.	1.6	25
43	Effective Photosensitized Energy Transfer of Nonanuclear Terbium Clusters Using Methyl Salicylate Derivatives. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1943-1947.	1.1	24
44	The Role of f-Orbital Interactions in Eu(III) Complexes for an Effective Molecular Luminescent Thermometer. <i>Inorganic Chemistry</i> , 2020, 59, 5865-5871.	1.9	24
45	Preparation of BaSi ₂ O ₅ :Eu ²⁺ Glass Ceramic Phosphors and Luminescent Properties. <i>Journal of Light and Visual Environment</i> , 2008, 32, 93-96.	0.2	22
46	Effective Optical Faraday Rotations of Semiconductor EuS Nanocrystals with Paramagnetic Transition-Metal Ions. <i>Journal of the American Chemical Society</i> , 2013, 135, 2659-2666.	6.6	22
47	Structural Manipulation of Triboluminescent Lanthanide Coordination Polymers by Side-Group Alteration. <i>Inorganic Chemistry</i> , 2018, 57, 14653-14659.	1.9	22
48	Electronic chirality inversion of lanthanide complex induced by achiral molecules. <i>Scientific Reports</i> , 2018, 8, 16395.	1.6	22
49	Solvent-dependent luminescence of eight-coordinated Eu(III) complexes with bidentate phosphine oxide. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 235, 35-39.	2.0	21
50	Novel Synthesis and Effective Surface Protection of Air-Stable Luminescent Silicon Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2014, 118, 19778-19784.	1.5	21
51	Enhanced Electric Dipole Transition in Lanthanide Complex with Organometallic Ruthenocene Units. <i>Journal of Physical Chemistry A</i> , 2015, 119, 4825-4833.	1.1	21
52	Passivity of Dual-Phase Carbon Steel with Ferrite and Martensite Phases in pH 8.4 Boric Acid-Borate Buffer Solution. <i>Journal of the Electrochemical Society</i> , 2015, 162, C322-C326.	1.3	21
53	Luminescent Eu(III) coordination polymer cross-linked with Zn(II) complexes. <i>Materials Letters</i> , 2016, 167, 183-187.	1.3	21
54	First Synthesis of EuS Nanoparticle Thin Film with a Wide Energy Gap and Giant Magneto-Optical Efficiency on a Glass Electrode. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19590-19596.	1.5	20

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55	Growth and Degradation of an Anodic Oxide Film on Titanium in Sulphuric Acid Observed by Ellipso-microscopy. <i>Electrochimica Acta</i> , 2014, 144, 56-63.	2.6	20
56	Mechanofluorochromism of 1-alkylaminopyrenes. <i>ChemPhysChem</i> , 2015, 16, 3038-3043.	1.0	20
57	Near-IR Luminescent Yb III Coordination Polymers Composed of Pyrene Derivatives for Thermostable Oxygen Sensors. <i>Chemistry - A European Journal</i> , 2019, 25, 12308-12315.	1.7	20
58	Site-Selective Eu ³⁺ Luminescence in the Monoclinic Phase of YSiO ₂ N. <i>Chemistry of Materials</i> , 2021, 33, 8873-8885.	3.2	20
59	Development of Ion-Conductive and Vapoluminescent Porous Coordination Polymers Composed of Ruthenium(II) Metalloligand. <i>Inorganic Chemistry</i> , 2017, 56, 3005-3013.	1.9	19
60	Amorphous porphyrin glasses exhibit near-infrared excimer luminescence. <i>RSC Advances</i> , 2017, 7, 22679-22683.	1.7	19
61	Stacked nanocarbon photosensitizer for efficient blue light excited Eu(III) emission. <i>Communications Chemistry</i> , 2020, 3, .	2.0	19
62	EVA thin film with thermo- and moisture-stable luminescent copolymer beads composed of Eu(III) complexes for improvement of energy conversion efficiency on silicon solar cell. <i>Optical Materials</i> , 2015, 42, 411-416.	1.7	18
63	Drastically Improved Durability and Efficiency of Silicon Solar Cells Using Hyper-Stable Lanthanide Coordination Polymer Beads. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 103-109.	2.0	18
64	Organo-lanthanide luminophores bridged by phosphine oxide ligands. <i>Journal of Luminescence</i> , 2016, 170, 801-807.	1.5	18
65	Red Luminescent Eu(III) Coordination Bricks Excited on Blue LED Chip. <i>Inorganic Chemistry</i> , 2018, 57, 7097-7103.	1.9	17
66	Effect of crystallinity and microstructure on mechanical properties of CaO-Al ₂ O ₃ -SiO ₂ glass toughened by precipitation of hexagonal CaAl ₂ Si ₂ O ₈ crystals. <i>Journal of Non-Crystalline Solids</i> , 2020, 534, 119948.	1.5	17
67	Molecular Design Guidelines for Large Magnetic Circular Dichroism Intensities in Lanthanide Complexes. <i>ChemPhysChem</i> , 2016, 17, 845-849.	1.0	16
68	Supramolecular Polymer of Near-Infrared Luminescent Porphyrin Glass. <i>Macromolecules</i> , 2017, 50, 3186-3192.	2.2	16
69	Photosensitized Luminescence of Highly Thermostable Mononuclear Eu(III) Complexes with β -Expanded β^2 -Diketonate Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 1287-1292.	2.0	16
70	Safety and efficacy of carbon dioxide insufflation during gastric endoscopic submucosal dissection. <i>World Journal of Gastroenterology</i> , 2015, 21, 8195.	1.4	16
71	Triboluminescence of Lanthanide Coordination Polymers with Face-to-Face Arranged Substituents. <i>Angewandte Chemie</i> , 2017, 129, 7277-7281.	1.6	15
72	Enhanced Magneto-Optical Properties of Semiconductor EuS Nanocrystals Assisted by Surface Plasmon Resonance of Gold Nanoparticles. <i>Chemistry - A European Journal</i> , 2013, 19, 14438-14445.	1.7	14

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73	Luminescent Thin Films Composed of Nanosized Europium Coordination Polymers on Glass Electrodes. <i>ChemPlusChem</i> , 2016, 81, 187-193.	1.3	14
74	Photoluminescence Properties of [Core+exo]-Type Au ₆ Clusters: Insights into the Effect of Ligand Environments on the Excitation Dynamics. <i>Journal of Physical Chemistry C</i> , 2019, 123, 6934-6939.	1.5	14
75	Novel opto-magnetic silicate glass with semiconductor EuS nanocrystals. <i>Journal of Alloys and Compounds</i> , 2013, 562, 123-127.	2.8	12
76	Grain Dependency of a Passive Film Formed on Polycrystalline Iron in pH 8.4 Borate Solution. <i>Journal of the Electrochemical Society</i> , 2017, 164, C349-C355.	1.3	12
77	Effective Europium Coordination Luminophores Linked with Bi- and Tridentate Carbazole Phosphine Oxides for Organic Electroluminescent Devices. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9599-9605.	1.5	12
78	Thermostable Eu(III)-nanorod luminophores with effective photosensitized energy transfer. <i>Journal of Alloys and Compounds</i> , 2015, 648, 651-657.	2.8	11
79	Hydrogen Permeation into a Carbon Steel Sheet Observed by a Micro-capillary Combined with a Devanathan-Stachurski Cell. <i>ISIJ International</i> , 2016, 56, 431-435.	0.6	11
80	The relationship between magneto-optical properties and molecular chirality. <i>NPG Asia Materials</i> , 2016, 8, e251-e251.	3.8	11
81	Synthesis of Dipyridinogermole-Copper Complex as Soluble Phosphorescent Material. <i>Chemistry Letters</i> , 2016, 45, 502-504.	0.7	11
82	Safety of carbon dioxide insufflation during gastric endoscopic submucosal dissection in patients with pulmonary dysfunction under conscious sedation. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015, 29, 1963-1969.	1.3	10
83	Photophysical properties of luminescent silicon nanoparticles surface-modified with organic molecules via hydrosilylation. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 99-104.	1.6	10
84	Amorphous Formability and Temperature-Sensitive Luminescence of Lanthanide Coordination Glasses Linked by Thienyl, Naphthyl, and Phenyl Bridges with Ethynyl Groups. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 322-326.	2.0	10
85	Thermosensitive Seven-Coordinate Tb(III) Complexes with LLCT Transitions. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2031-2037.	1.0	10
86	Solid-State and Nanoparticle Synthesis of EuS _{1-x} Se _x Solid Solutions. <i>Chemistry of Materials</i> , 2018, 30, 2954-2964.	3.2	10
87	Origin of Concentration Quenching in Ytterbium Coordination Polymers: Phonon-Assisted Energy Transfer. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 561-567.	1.0	10
88	First aggregation-induced emission of a Tb(III) luminophore based on modulation of ligand charge transfer bands. <i>Dalton Transactions</i> , 2020, 49, 2431-2436.	1.6	10
89	Convection-Dependent Hydrogen Permeation into a Carbon Steel Sheet. <i>ECS Electrochemistry Letters</i> , 2014, 3, C21-C23.	1.9	9
90	Development of a Liquid-Phase Ion Gun and Its Application for Sulfidation of Silver Surface. <i>Journal of the Electrochemical Society</i> , 2015, 162, C115-C120.	1.3	9

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91	Solvent-dependent dual-luminescence properties of a europium complex with helical π -conjugated ligands. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 683-689.	1.6	9
92	Initiation of Localized Corrosion of Ferritic Stainless Steels by Using the Liquid-Phase Ion Gun Technique. <i>Journal of the Electrochemical Society</i> , 2017, 164, C1-C7.	1.3	9
93	Synthesis and Photophysical Properties of Eu(III) Complexes with Phosphine Oxide Ligands including Metal Ions. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 6-11.	2.0	9
94	Dissimilarity measure of local structure in inorganic crystals using Wasserstein distance to search for novel phosphors. <i>Science and Technology of Advanced Materials</i> , 2021, 22, 185-193.	2.8	9
95	Narrow-band phosphor K ₂ ZnP ₂ O ₇ :Eu ²⁺ discovered using local structure similarity. <i>Scripta Materialia</i> , 2022, 215, 114686.	2.6	9
96	Preparation of europium-activated SrAl ₂ O ₄ glass composites using the frozen sorbet technique. <i>Journal of the Ceramic Society of Japan</i> , 2015, 123, 862-867.	0.5	8
97	Acid-protected Eu(III) coordination nanoparticles covered with polystyrene. <i>Journal of Materials Chemistry C</i> , 2016, 4, 75-81.	2.7	8
98	Spin-orbit coupling dependent energy transfer in luminescent nonanuclear Yb-Gd / Yb-Lu clusters. <i>Journal of Luminescence</i> , 2018, 201, 170-175.	1.5	8
99	How Many Electron Traps are formed in Persistent Phosphors?. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 116003.	0.9	8
100	Thermo-stable Lanthanoid Coordination Nanoparticles Composed of Luminescent Eu(III) Complexes and Organic Joint Ligands Using Micelle Techniques in Water. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 1386-1390.	2.0	7
101	Terbium Oxide, Fluoride, and Oxyfluoride Nanoparticles with Magneto-optical Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 1453-1458.	2.0	7
102	Photo-degradation Analysis of Luminescent Polymers with Lanthanide Complexes. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2015, 28, 247-254.	0.1	7
103	Luminescent Europium(III) Coordination Zippers Linked with Thiophene-Based Bridges. <i>Angewandte Chemie</i> , 2016, 128, 12238-12241.	1.6	7
104	Temperature sensing of a plasmonic nanocylinder array by a polymer film containing chameleon complex. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, E15.	0.9	7
105	Titanium surface anodized under UV light irradiation observed by ellipso-microscopy. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 3579-3587.	1.2	6
106	J-Type Heteroexciton Coupling Effect on an Asymmetric Donor-Acceptor-Donor-Type Fluorophore. <i>Journal of Physical Chemistry A</i> , 2017, 121, 4613-4618.	1.1	6
107	Quantitative analysis of Eu (II)/Eu (III) ratio in alkaline-earth silicate phosphors by ¹⁵¹ Eu Mössbauer spectroscopy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2009, 1, 012027.	0.3	5
108	EuS Nano-assemblies Linked with Photo-functional Naphthalenedithiols. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 579, 69-76.	0.4	5

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109	Chiroptical Properties of Nonanuclear Tb(III) Clusters with Chiral Champhor Derivative Ligands. E-Journal of Surface Science and Nanotechnology, 2015, 13, 31-34.	0.1	5
110	Perfluorophenyl- π -Directed Giant Porphyrin π -Aggregates. Chemistry - A European Journal, 2019, 25, 7322-7329.	1.7	5
111	Circularly Polarized Absorption and Luminescence of Semiconductor Eu ³⁺ /OCN Nanocrystals in the Blue Region of the Electromagnetic Spectrum. ChemPhysChem, 2020, 21, 2019-2024.	1.0	5
112	Persistent luminescence properties of monoclinic luminescent zirconium oxide annealed under different oxygen partial pressures. Journal of the Ceramic Society of Japan, 2020, 128, 175-180.	0.5	5
113	Synthesis of bulk silicon oxynitride glass through nitridation of SiO ₂ aerogels and determination of T_g and α . Journal of the American Ceramic Society, 2021, 104, 4420-4432.	1.9	5
114	Temperature dependence of the photoinduced fatigue-recovery phenomena of photoluminescence under prolonged irradiation in GeS ₂ chalcogenide glass. Journal of Non-Crystalline Solids, 2008, 354, 1627-1632.	1.5	4
115	Heterogeneity of a Thermal Oxide Film Formed on Polycrystalline Iron Observed by Two-Dimensional Ellipsometry. Journal of the Electrochemical Society, 2016, 163, C815-C822.	1.3	4
116	Fully Conjugated Porphyrin Glass: Collective Light-Harvesting Antenna for Near-Infrared Fluorescence beyond 1 μ m. ACS Omega, 2018, 3, 4466-4474.	1.6	4
117	Highly luminescent tetranuclear Eu(III) complex with characteristic cavity space. Inorganica Chimica Acta, 2019, 486, 240-244.	1.2	4
118	Optical properties of Eu(III) and Tb(III) complexes with pyridine- and quinoline- based ligands under high hydrostatic pressure. Inorganica Chimica Acta, 2020, 499, 119179.	1.2	4
119	Fabrication of a Silica-Silica Nanoparticle Monolayer Array Nanocomposite Film on an Anodic Aluminum Oxide Substrate and Its Optical and Tribological Properties. ACS Applied Materials & Interfaces, 2020, 12, 27672-27681.	4.0	4
120	Effects of particle size, concentration and pore size on the loading density of silica nanoparticle monolayer arrays on anodic aluminum oxide substrates prepared by the spin-coating method. Materials Chemistry and Physics, 2022, 277, 125465.	2.0	4
121	Time-dependent photoluminescence fatigue-recovery phenomena in germanium sulfide glasses. Electrochimica Acta, 2013, 100, 304-310.	2.6	3
122	Thermostable Nano Luminophores Composed of Europium Ions and Organic Ligands. E-Journal of Surface Science and Nanotechnology, 2015, 13, 219-222.	0.1	3
123	An Estimation Method of Metal-Ligand Orbital Mixing in Lanthanide(III) Complexes Using Magnetic Circular Dichroism. ChemistrySelect, 2018, 3, 2646-2648.	0.7	3
124	Fabrication of Silica Nanoparticle Monolayer Arrays Using an Anodic Aluminum Oxide Template. ACS Omega, 2019, 4, 14333-14339.	1.6	3
125	FEM Analysis for Sinusoidal Perturbation of Hydrogen Permeation into a Steel Sheet. ISIJ International, 2016, 56, 472-477.	0.6	3
126	Persistent Luminescence Properties of Ti ⁴⁺ -doped K ₂ ZrSi ₃ O ₉ Wadeite. Sensors and Materials, 2020, 32, 1427.	0.3	3

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127	Clinical significance of jejunoileal involvement of non-Hodgkin's lymphoma detected by double-balloon enteroscopy. International Journal of Hematology, 2013, 97, 369-381.	0.7	2
128	Luminescent Silicon Nanoparticles Surface-Modified with Chiral Molecules. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2015, 28, 255-260.	0.1	2
129	Synthesis and Photoluminescence Properties of Nonanuclear Tb(III) Clusters with Long Alkyl Chain Group. E-Journal of Surface Science and Nanotechnology, 2015, 13, 27-30.	0.1	2
130	Europium Chalcogenide Nanoparticles. Fundamental Theories of Physics, 2015, 47, 101-146.	0.1	2
131	Luminescent silicon nanoparticles covered with ionic liquid. Materials Letters, 2015, 141, 359-361.	1.3	2
132	Photoswitchable Faraday effect in Eu ³⁺ -Au nanosystems. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 178-182.	0.8	2
133	Liquid-Phase Ion Gun for Local Acidification of Na ₂ S Aqueous Solution and Local Sulfidation of Fe-Cr Alloy Surface. Journal of the Electrochemical Society, 2018, 165, C618-C623.	1.3	2
134	Cyan-Emitting Sialon-Polytypoid Phosphor Discovered by a Single-Particle-Diagnosis Approach. ECS Journal of Solid State Science and Technology, 2021, 10, 116002.	0.9	2
135	Deep-red to near-infrared luminescence from Eu ²⁺ -trapped exciton states in YSiO ₂ N. Physical Chemistry Chemical Physics, 2022, 24, 4348-4357.	1.3	2
136	Construction of photoconductivity measurement system as functions of excitation wavelength and temperature: application to Eu ²⁺ -activated phosphors. Proceedings of SPIE, 2010, , .	0.8	1
137	Synthesis of TbO _x Nanoparticles from the Thermal Decomposition of Tb(III) Complexes. E-Journal of Surface Science and Nanotechnology, 2015, 13, 23-26.	0.1	1
138	Effect of Cylinder Height on Directional Photoluminescence from Highly Luminous Thin Films on Periodic Plasmonic Arrays. MRS Advances, 2017, 2, 173-178.	0.5	1
139	Improvement of radio propagation estimation accuracy by completing plane-based 3D models obtained with depth sensors. , 2017, , .		1
140	Asymmetric Color-Changeable Luminophore with Donor-Acceptor-Donor Structure for Solvent and Temperature Sensitive Properties. ChemistrySelect, 2018, 3, 10905-10908.	0.7	1
141	Hydrogen Permeation into a Carbon Steel Sheet Observed by a Micro-capillary Combined with a Devanathan-Stachurski Cell. Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan, 2019, 105, 64-68.	0.1	1
142	Distibylation of Acetylenes with Ph ₂ Sb-SbPh ₂ : Synthesis, Crystal Structures and Phosphorescence Properties of Bis(diphenylstibyl)ethenes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 1181-1187.	0.3	0
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