

Measurement of photoluminescence quantum yields. R

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Citation Report

#	ARTICLE	IF	CITATIONS
18	Construction and calibration of an apparatus for absolute measurement of total luminescence at low levels. <i>Analytical Chemistry</i> , 1971, 43, 1749-1753.	3.2	17
19	Correlated Electron Paramagnetic Resonance and Optical Study of CdF ₂ :Er ³⁺ . I.C2vLocal-Site Symmetry. <i>Physical Review B</i> , 1972, 6, 3227-3239.	1.1	17
20	Fluorescence yields of azulene derivatives. <i>Chemical Physics Letters</i> , 1972, 13, 101-104.	1.2	79
21	Binding ratios by fluorescence with self-compensation for optical inner filter effects. <i>Analytical Biochemistry</i> , 1972, 47, 426-441.	1.1	12
22	Temperature dependence of fluorescent quantum yield of cryptocyanine solutions. <i>Journal of Luminescence</i> , 1972, 5, 308-312.	1.5	6
23	(n, $\dot{\epsilon}^*$) Fluorescence in the cinnolines. <i>Chemical Physics Letters</i> , 1973, 21, 326-329.	1.2	13
24	Wavelength independence of Eu ³⁺ quantum yields. <i>Chemical Physics Letters</i> , 1973, 20, 581-585.	1.2	7
25	Low temperature fluorescence quantum yield of 9,10-diphenylanthracene, 9,10-dichloroanthracene and phenanthrene in EPA solution. <i>Journal of Photochemistry and Photobiology</i> , 1973, 2, 67-70.	0.6	23
26	Extinction coefficients for triplet-triplet absorption in ethanol solutions of anthracene, naphthalene, 2,5-diphenyloxazole, 7-diethylamino-4-methyl coumarin and 4-methyl-7-amino-carbostyryl. <i>Journal of Photochemistry and Photobiology</i> , 1973, 2, 329-341.	0.6	58
27	Effect of soap on the fluorescent lifetime and quantum yield of rhodamine 6G in water. <i>Optics Communications</i> , 1973, 7, 191-192.	1.0	38
28	Systematic atomic number effects in complexes exhibiting ligand luminescence. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1973, 29, 1357-1369.	0.1	85
29	MEASUREMENT OF THE TEMPERATURE DEPENDENCE OF THE FLUORESCENCE QUANTUM YIELD OF ORGANIC MOLECULES IN SOLUTION. <i>Photochemistry and Photobiology</i> , 1973, 17, 139-143.	1.3	44
30	Luminescence quantum yields. Analysis of finite excitation bandpass errors. <i>Analytical Chemistry</i> , 1973, 45, 992-994.	3.2	7
31	Oxygen quenching and radiationless decay of excited singlet and triplet state carbonyl compounds. <i>Journal of Chemical Physics</i> , 1973, 58, 398-400.	1.2	30
32	Radiative and radiationless decay processes in rhodium(III) ammine complexes. <i>Journal of Chemical Physics</i> , 1973, 59, 2123-2131.	1.2	33
33	Luminescence and radiationless transitions from single vibronic levels of the isolated pyrazine molecule in the S ₁ (n, $\dot{\epsilon}^*$) state. <i>Journal of Chemical Physics</i> , 1974, 60, 4419-4430.	1.2	167
34	Ultrapurification of Aromatic Hydrocarbons through Liquid-Liquid Extraction with Sulfuric Acid. <i>Separation Science</i> , 1974, 9, 391-400.	0.7	1
35	Fluorometry. , 1974, , 225-253.		0

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37	Energy dependence and solvent effects in the deactivation of phenol molecules in solution. <i>Chemical Physics Letters</i> , 1974, 26, 525-528.	1.2	36
38	Picosecond flash photolysis and spectroscopy: 3,3'-diethyloxadicyanone iodide (DODCI). <i>Chemical Physics Letters</i> , 1974, 27, 31-36.	1.2	135
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40	The fluorescence anisotropy decay due to energy transfers occurring in the ethidium bromide-DNA complex. <i>Biophysical Chemistry</i> , 1974, 1, 266-278.	1.5	25
41	Investigation of rate parameters in chemical reactions of excited hydroxycoumarins in different solvents. <i>Journal of Photochemistry and Photobiology</i> , 1974, 3, 55-69.	0.6	35
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43	Absolute quantum yields of Cr ³⁺ 4A ₂ emission in solids. <i>Journal of Luminescence</i> , 1974, 8, 252-260.	1.5	15
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45	X-ray photoelectron spectroscopic studies of palladium oxides and the palladium-oxygen electrode. <i>Analytical Chemistry</i> , 1974, 46, 197-200.	3.2	414
46	Correction of inner filter effects in fluorescence spectrometry. <i>Analytical Chemistry</i> , 1974, 46, 200-203.	3.2	20
47	Fluorescence Quantum Efficiency of Terbium Chelates. <i>Spectroscopy Letters</i> , 1974, 7, 9-14.	0.5	3
48	Low-temperature luminescence studies of proteins and related molecules. <i>Progress in Biophysics and Molecular Biology</i> , 1974, 28, 41-67.	1.4	5
49	Unusual Luminescence from Crystals Containing Eu ²⁺ . <i>Physical Review Letters</i> , 1974, 32, 781-783.	2.9	16
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51	Inorganic ion-doped glass fibres as microspectrofluorimetric standards. <i>Journal of Microscopy</i> , 1975, 103, 293-303.	0.8	8
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53	Hydrogen bond effects on radiationless electronic transitions in xanthene dyes. <i>Chemical Physics Letters</i> , 1975, 35, 105-111.	1.2	150

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55	PROMs, new tools to produce corrected spectra. Journal of Physics E: Scientific Instruments, 1975, 8, 402-404.	0.7	0
56	The interaction of 1-anilino-8-naphthalene sulfonate with tubulin: A site independent of the colchicine-binding site. Archives of Biochemistry and Biophysics, 1975, 167, 264-269.	1.4	57
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69	Temperature dependence of radiationless processes. Isoquinoline in solution. Chemical Physics, 1976, 16, 329-335.	0.9	27
70	Polarization effects in the measurement of luminescence yields. Journal of Chemical Physics, 1977, 67, 5338-5340.	1.2	4
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79	Possible emission from an upper triplet state of an anthraquinone dye. Journal of Photochemistry and Photobiology, 1978, 9, 565-569.	0.6	3
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81	Lightfastness and spectroscopic properties of amino-chloroanthraquinones. Journal of Photochemistry and Photobiology, 1978, 9, 559-564.	0.6	17
82	Possible emission from an upper triplet state of an anthraquinone dye. Journal of Photochemistry and Photobiology, 1978, 9, 565-569.	0.6	10
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103	Lightfastness and spectroscopic properties of n-substituted 1-aminoanthraquinones. <i>Journal of Photochemistry and Photobiology</i> , 1979, 10, 187-192.	0.6	17
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2002	Solvent-Modulated Ground-State Rotamerism and Tautomerism and Excited-State Proton-Transfer Processes in <i>o</i> -Hydroxynaphthylbenzimidazoles. <i>Journal of Physical Chemistry A</i> , 2009, 113, 56-67.	1.1	34

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2016	Triphenylamine-based pH chemosensor: Synthesis, crystal structure, photophysical properties and computational studies. <i>Synthetic Metals</i> , 2009, 159, 2497-2501.	2.1	13
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2707	Determination of thiabendazole in aqueous solutions using a cucurbituril-enhanced fluorescence method. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 72, 397-404.	1.6	30
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2710	Simple novel cyclometallated iridium complexes for potential application in dye-sensitized solar cells. <i>Inorganica Chimica Acta</i> , 2012, 388, 163-167.	1.2	49

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2713	Topochemically photoreacted fluorescent dimers of 2,3-dicyanopyrazines. <i>Dyes and Pigments</i> , 2012, 94, 49-54.	2.0	1
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2815	Facile synthesis and photophysical characterization of luminescent CdTe quantum dots for Förster resonance energy transfer based immunosensing of staphylococcal enterotoxin B. <i>Luminescence</i> , 2013, 28, 827-835.	1.5	20
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2832	Two-Photon Polarity Probes Built from Octupolar Fluorophores: Synthesis, Structure-Properties Relationships, and Use in Cellular Imaging. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2984-3001.	1.7	32
2833	Facile synthesis and characterization of water soluble ZnSe/ZnS quantum dots for cellular imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 104, 143-149.	2.0	43
2834	Aggregation induced emission characteristics of maleimide derivatives. <i>RSC Advances</i> , 2013, 3, 22246.	1.7	33
2835	Octupolar chimeric compounds built from quinoline caged acetate moieties: a novel approach for 2-photon uncaging of biomolecules. <i>New Journal of Chemistry</i> , 2013, 37, 3899.	1.4	19
2836	Structures and Phosphorescence Properties of Triphosphine-Supported Au ₂ Ag ₂ and Au ₈ Ag ₄ Alkynyl Cluster Complexes. <i>Organometallics</i> , 2013, 32, 5402-5408.	1.1	33

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2838	Full-colour luminescent compounds based on anthracene and 2,2'-dipyridylamine. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7409.	2.7	25
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2843	Near infrared fluorescence probe and galactose conjugated amphiphilic copolymer for bioimaging of HepG2 cells and endocytosis. <i>Polymer Chemistry</i> , 2013, 4, 4442.	1.9	25
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2847	Naphthoxazole-Based Singlet Oxygen Fluorescent Probes. <i>Photochemistry and Photobiology</i> , 2013, 89, 1427-1432.	1.3	27
2848	Au microparticles mediated construction of a logic based dual channel molecular keypad lock. <i>Dalton Transactions</i> , 2013, 42, 7514.	1.6	23
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2850	A pentacenequinone derivative with aggregation-induced emission enhancement characteristics for the picogram detection of Fe ³⁺ ions in mixed aqueous media. <i>Dalton Transactions</i> , 2013, 42, 4464.	1.6	35
2851	Synthesis, photophysics, and reverse saturable absorption of platinum complexes bearing extended π -conjugated C ^N N ligands. <i>Dalton Transactions</i> , 2013, 42, 14021.	1.6	19
2852	A polymer-based turn-on fluorescent sensor for specific detection of hydrogen sulfide. <i>RSC Advances</i> , 2013, 3, 14543.	1.7	20
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2858	Photoinduced Charge Transfer in Porphyrin-Cobaloxime and Corrole-Cobaloxime Hybrids. <i>Journal of Physical Chemistry C</i> , 2013, 117, 1647-1655.	1.5	62
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2861	Convenient and sensitive synchronous fluorescence detection of trace TNT based on FRET using FITC-PAH as a probe. <i>Analytical Methods</i> , 2013, 5, 603-607.	1.3	18
2862	The visible photoluminescence mechanism of oxidized multi-walled carbon nanotubes: an experimental and theoretical investigation. <i>Journal of Materials Chemistry C</i> , 2013, 1, 307-314.	2.7	22
2863	Cyanide modulated fluorescent supramolecular assembly of a hexaphenylbenzene derivative for detection of trinitrotoluene at the attogram level. <i>Chemical Communications</i> , 2013, 49, 895-897.	2.2	72
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2872	A new selective pyrazoline-based fluorescent chemosensor for Cu ²⁺ in aqueous solution. <i>Dyes and Pigments</i> , 2013, 96, 509-515.	2.0	71

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2880	Efficient energy transfer between amphiphilic dendrimers with oligo(<i>p</i> -phenylenevinylene) core branches and oligo(ethylene oxide) termini in micelles. <i>Journal of Polymer Science Part A</i> , 2013, 51, 168-175.	2.5	5
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2886	A two-photon ratiometric fluorescence probe for Cupric Ions in Live Cells and Tissues. <i>Scientific Reports</i> , 2013, 3, 2933.	1.6	50
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2893	Mitochondria-targeting cyclometalated iridium(III)-PEG complexes with tunable photodynamic activity. <i>Biomaterials</i> , 2013, 34, 7519-7532.	5.7	211
2894	Rearrangement of Cyclotriveratrylene (CTV) Diketone: 9,10-Diarylanthracenes with OLED Applications. <i>Journal of Organic Chemistry</i> , 2013, 78, 2051-2058.	1.7	18
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2896	Nanocavity-Based Determination of Absolute Values of Photoluminescence Quantum Yields. <i>ChemPhysChem</i> , 2013, 14, 505-513.	1.0	49
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2899	Doubling the Power Output of Bifacial Thin-Film GaAs Solar Cells by Embedding Them in Luminescent Waveguides. <i>Advanced Energy Materials</i> , 2013, 3, 991-996.	10.2	47
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2910	Cyclopalladated 3,5-disubstituted 2-(2-pyridyl)pyrroles Complexed to 8-Hydroxyquinoline or 4-Hydroxyacridine. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2188-2194.	1.0	12
2911	Tuning of "Antenna Effect" of Eu(III) in Ternary Systems in Aqueous Medium through Binding with Protein. <i>Inorganic Chemistry</i> , 2013, 52, 1476-1487.	1.9	38
2912	A comparison of sensitized Ln(III) emission using pyridine- and pyrazine-2,6-dicarboxylates " part II. <i>Dalton Transactions</i> , 2013, 42, 2075-2083.	1.6	20
2913	Aromatic Difluoroboron ¹² -Diketonate Complexes: Effects of π -Conjugation and Media on Optical Properties. <i>Inorganic Chemistry</i> , 2013, 52, 3597-3610.	1.9	166
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2923	Transfer from trap emission to band-edge one in water-soluble CdS nanocrystals. <i>Journal of Colloid and Interface Science</i> , 2013, 394, 55-62.	5.0	15
2924	Noble metal porphyrin derivatives bearing carboxylic groups: Synthesis, characterization and photophysical study. <i>Polyhedron</i> , 2013, 52, 1016-1023.	1.0	16
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2929	Synthesis and fluorescence behavior of photoactive polyhydroquinoline derivatives: A combined experimental and DFT study. <i>Journal of Molecular Structure</i> , 2013, 1039, 119-129.	1.8	8
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2937	A highly selective ratiometric fluorescent chemosensor for Cd ²⁺ ions. <i>Dalton Transactions</i> , 2013, 42, 8567.	1.6	41
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2941	Microwave-assisted solvent-free synthesis of fluorescent naphthalimide dyes. <i>Dyes and Pigments</i> , 2013, 99, 52-58.	2.0	12
2942	Attogram Detection of Picric Acid by Hexa-peri-Hexabenzocoronene-Based Chemosensors by Controlled Aggregation-Induced Emission Enhancement. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 5373-5380.	4.0	129
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2946	Luminescent P-Chirogenic Copper Clusters. <i>Inorganic Chemistry</i> , 2013, 52, 7958-7967.	1.9	37
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2951	A guanidine derivative of naphthalimide with excited-state deprotonation coupled intramolecular charge transfer properties and its application. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4427.	2.7	51
2952	Hierarchical assembly of a molecular material through the amorphous phase and the evolution of its fluorescence emission. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4464.	2.7	14
2953	Fluorescence studies on potential antitumor 6-(hetero)arylthieno[3,2-b]pyridine derivatives in solution and in nanoliposomes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 264, 56-66.	2.0	2
2954	New 3,6-bis(biphenyl)diketopyrrolopyrrole dyes and pigments via Suzuki-Miyaura coupling. <i>Dyes and Pigments</i> , 2013, 96, 679-685.	2.0	19
2955	Synthesis and Photophysical Properties of Alkoxysilyl Derivatives of Dibenzoylmethanoboron Difluoride. <i>Heteroatom Chemistry</i> , 2013, 24, 271-282.	0.4	20
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2957	Rhodamine 800 as reference substance for fluorescence quantum yield measurements in deep red emission range. <i>Journal of Luminescence</i> , 2013, 134, 385-389.	1.5	56
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2959	Electrogenerated chemiluminescence of N,N-dimethylamino functionalized tetrakis(phenylethynyl)pyrenes. <i>Tetrahedron</i> , 2013, 69, 5908-5912.	1.0	12
2960	Pyrenoimidazole-Based Deep-Blue-Emitting Materials: Optical, Electrochemical, and Electroluminescent Characteristics. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2111-2124.	1.7	53
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3899	Excimer formation from partially overlapped anthracene dimer based on saddle-shaped cyclooctatetrathiophene as spacer. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 355, 318-325.	2.0	19
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3996	Diaminoterephthalate- α -lipoic acid conjugates with fluorinated residues. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 981-991.	1.3	1
3997	Supercooled Liquid β -Diketones with Mechanoresponsive Emission. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25788-25800.	1.5	15
3998	Synthesis of 5-Alkyl- and 5-Phenylamino-Substituted Azothiazole Dyes with Solvatochromic and DNA-Binding Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 16088-16098.	1.7	8
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4006	Quantum Yield Bias in Materials With Lower Absorptance. <i>Physical Review Applied</i> , 2019, 12, .	1.5	3
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4009	A facile methodology using quantum dot multiplex labels for tracking co-transfection. <i>RSC Advances</i> , 2019, 9, 20053-20057.	1.7	2
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4014	Photoluminescence enhancement via microwave irradiation of carbon quantum dots derived from solvothermal synthesis of L-arginine. <i>New Journal of Chemistry</i> , 2019, 43, 689-695.	1.4	40
4015	Effect of aggregation behavior on linear and nonlinear photophysical properties of lipid-water amphiphilic photosensitizers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 372, 206-211.	2.0	2
4016	Naked-eye repeatable off–on and on–off switching luminescence of copper(I)-imidazo[4,5-f][1,10]phenanthroline complexes with reversible acid–base responses. <i>Dalton Transactions</i> , 2019, 48, 2430-2441.	1.6	24
4017	Optical characterization of Coumarin 334 hybrid with silver nanoparticles in imidazolium-based ionic liquid. <i>Dyes and Pigments</i> , 2019, 165, 361-371.	2.0	8
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4140	Determination of Upconversion Quantum Yields Using Charge-Transfer State Fluorescence of Heavy-Atom-Free Sensitizer as a Self-Reference. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6560-6566.	2.1	14
4141	Spectral and Luminescent Properties and NH-Tautomerism of Alkylated Corrole Free Bases. <i>Journal of Applied Spectroscopy</i> , 2020, 87, 421-428.	0.3	7
4142	Et ₃ N/DMSO-supported one-pot synthesis of highly fluorescent ¹² -carboline-linked benzothiofenones via sulfur insertion and estimation of the photophysical properties. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1740-1753.	1.3	10
4143	Photofunctional Cyclometalated Iridium(III) Polypyridine Complexes Bearing a Perfluorobiphenyl Moiety for Bioconjugation, Bioimaging, and Phototherapeutic Applications. <i>Inorganic Chemistry</i> , 2020, 59, 14796-14806.	1.9	28
4144	Synthesis and Photophysical Properties of Tumor-Targeted Water-Soluble BODIPY Photosensitizers for Photodynamic Therapy. <i>Molecules</i> , 2020, 25, 3340.	1.7	18
4145	Unorthodox ¹² -Cyclodextrin-Based AIE-Active Probes for Living Cell Imaging in the Absence of Fluorophore Units and Related Mechanism Exploration. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 14587-14597.	1.8	3
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4147	Efficiency improvement of luminescent solar concentrators using upconversion nitrogen-doped graphene quantum dots. <i>Journal of Power Sources</i> , 2020, 476, 228647.	4.0	22
4148	Enhancing electrochemiluminescence of FAPbBr ₃ nanocrystals by using carbon nanotubes and TiO ₂ nanoparticles as conductivity and co-reaction accelerator for dopamine determination. <i>Electrochimica Acta</i> , 2020, 360, 136992.	2.6	19
4149	Preparation and optical features of samarium(III) complexes introducing bidentate fluorinate and secondary ligands. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 22085-22097.	1.1	13
4150	Iridium(III) Complexes with Fluorinated Phenyl-tetrazoles as Cyclometalating Ligands: Enhanced Excited-State Energy and Blue Emission. <i>Inorganic Chemistry</i> , 2020, 59, 16238-16250.	1.9	12
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4152	Reaching 90% Photoluminescence Quantum Yield in One-Dimensional Metal Halide C ₄ N ₂ H ₁₄ PbBr ₄ by Pressure-Suppressed Nonradiative Loss. <i>Journal of the American Chemical Society</i> , 2020, 142, 16001-16006.	6.6	109
4153	Dicyanovinyl-based fluorescent sensors for dual mechanism amine sensing. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13723-13732.	2.7	33
4154	Synthesis and Photochemical Properties of Re(I) Tricarbonyl Complexes Bound to Thione and Thiazol-2-ylidene Ligands. <i>Organometallics</i> , 2020, 39, 3202-3211.	1.1	10
4155	In Vitro Photodynamic Therapy of Mononuclear and Dinuclear Iridium(III) Bis(terpyridine) Complexes. <i>ACS Applied Bio Materials</i> , 2020, 3, 6865-6875.	2.3	14
4156	The Elusive Nature of Carbon Nanodot Fluorescence: An Unconventional Perspective. <i>Journal of Physical Chemistry C</i> , 2020, 124, 22314-22320.	1.5	31

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4158	Synthesis, Photophysical, Photochromic, and Photomodulated Resistive Memory Studies of Dithienylethene-Containing Copper(I) Diimine Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 14785-14795.	1.9	15
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4162	Lysosome Targeting Bis-terpyridine Ruthenium(II) Complexes: Photophysical Properties and <i>In Vitro</i> Photodynamic Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 6025-6038.	2.3	29
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4166	Carbon Dot-MnO ₂ Nanosphere Composite Sensors for Selective Detection of Glutathione. <i>ACS Applied Nano Materials</i> , 2020, 3, 5955-5964.	2.4	66
4167	Highly Twisted Aryl-Anthraquinodimethanes: Synthesis, Characterization, and Fluorescence Sensing of TNT. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4031-4041.	1.2	1
4168	Benzo[4,5]thieno[2,3-d]thiopyran-dioxide-[3,2-b]benzofurans: synthesis, properties and application in electroluminescent devices. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8796-8803.	2.7	6
4169	A promising class of luminescent derivatives of Silver(I) and Gold(I)-heterocyclic carbene. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5673.	1.7	8
4170	Synthesis, photoluminescence and thermal properties of nanostructured organosilicon luminophore based on 2,2'-bithienyl and 4,7-diphenyl-2,1,3-benzothiadiazole. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 848, 012012.	0.3	0
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4172	Stealth Magnetoliposomes Based on Calcium-Substituted Magnesium Ferrite Nanoparticles for Curcumin Transport and Release. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3641.	1.8	29
4173	Excitation-Dependent Photoluminescence Color Tuning in Lanthanide-Organic Hybrid Materials. <i>Inorganic Chemistry</i> , 2020, 59, 7539-7552.	1.9	24
4174	A stilbazolium dye-based chromogenic and red-fluorescent probe for recognition of 2,4,6-trinitrophenol in water. <i>New Journal of Chemistry</i> , 2020, 44, 10870-10877.	1.4	7

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4178	Introductory lecture: origins and applications of efficient visible photoluminescence from silicon-based nanostructures. <i>Faraday Discussions</i> , 2020, 222, 10-81.	1.6	70
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4180	Measurement of Quantum Yields of Monolayer TMDs Using Dye-Dispersed PMMA Thin Films. <i>Nanomaterials</i> , 2020, 10, 1032.	1.9	33
4181	UV-visible and fluorescence spectroscopic assessment of meso-tetrakis(4-halophenyl) porphyrin; H ₂ TXPP (X = F, Cl, Br, I) in THF and THF-water system: Effect of pH and aggregation behaviour. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 240, 118570.	2.0	10
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4183	Mitochondria-localized <i>in situ</i> generation of rhodamine photocage with fluorescence turn-on enabling cancer cell-specific drug delivery triggered by green light. <i>Chemical Communications</i> , 2020, 56, 8412-8415.	2.2	18
4184	A pyrene-based two-photon excitable fluorescent probe to visualize nuclei in live cells. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 1152-1159.	1.6	17
4185	Synthesis, fluorescence property and cell imaging of a perylene diimide-based NIR fluorescent probe for hypochlorite with dual-emission fluorescence responses. <i>Materials Advances</i> , 2020, 1, 814-819.	2.6	3
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4187	Aqueous synthesis of L-cysteine-modified cobalt-doped zinc selenide/zinc sulfide quantum dots with enhanced fluorescence. <i>Spectroscopy Letters</i> , 2020, 53, 315-326.	0.5	2
4188	Development of a turn-on graphene quantum dot-based fluorescent probe for sensing of pyrene in water. <i>RSC Advances</i> , 2020, 10, 12119-12128.	1.7	31
4190	An unusual bidentate methionine ruthenium(II) complex: photo-uncaging and antimicrobial activity. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 419-428.	1.1	24
4191	Synthesis of a far-red emitting flavonoid-based lysosome marker for live cell imaging applications. <i>Bioorganic Chemistry</i> , 2020, 102, 104040.	2.0	0
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4193	Use of Cotton Textiles Coated by Ir(III) Tetrazole Complexes within Ceramic Silica Nanophases for Photo-Induced Self-Marker and Antibacterial Application. <i>Nanomaterials</i> , 2020, 10, 1020.	1.9	3

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4197	Investigation on Y-shaped tri-fluoromethyl substituted quinoxalines: synthesis, optical and morphological studies. <i>Chemical Papers</i> , 2020, 74, 4507-4516.	1.0	4
4198	Highly Emissive Water-Soluble Polysulfurated Pyrene-Based Chromophores as Dual Mode Sensors of Metal Ions. <i>ChemPlusChem</i> , 2020, 85, 1481-1486.	1.3	3
4199	Ultrafast Relaxations in Ruthenium Polypyridyl Chromophores Determined by Stochastic Kinetics Simulations. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5971-5985.	1.2	13
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4205	Amine functionalised silicon nanocrystals with bright red and long-lived emission. <i>Faraday Discussions</i> , 2020, 222, 108-121.	1.6	7
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4207	Firefly luciferin precursor 2-cyano-6-hydroxybenzothiazole: Fluorescence \AA la carte controlled by solvent and acidity. <i>Dyes and Pigments</i> , 2020, 177, 108285.	2.0	6
4208	Multimodal optical contrast agents as new tools for monitoring and tuning nanoemulsion internalisation into cancer cells. From live cell imaging to <i>in vivo</i> imaging of tumours. <i>Nanoscale Advances</i> , 2020, 2, 1590-1602.	2.2	5
4209	High-Sensitivity Poly(dendrimer)-Based Sensors for the Detection of Explosives and Taggant Vapors. <i>Macromolecules</i> , 2020, 53, 1652-1664.	2.2	19
4210	Deprotonated Salicylaldehyde as Visible Light Photocatalyst. <i>Journal of Organic Chemistry</i> , 2020, 85, 4386-4397.	1.7	19
4211	A novel Boranil-based turn-on fluorescent probe for imaging of biothiols in living cells. <i>Journal of Molecular Structure</i> , 2020, 1209, 127914.	1.8	18

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4213	Rhenium(I)-tetrazolato functional luminescent polymers: Organic-inorganic hybrids via RAFT and post-polymerization modification. <i>European Polymer Journal</i> , 2020, 126, 109559.	2.6	5
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4218	Triarylisocyanurate-Based Fluorescent Two-Photon Absorbers. <i>ChemPlusChem</i> , 2020, 85, 411-425.	1.3	5
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4231	In Cellulo Generation of Fluorescent Probes for Live-Cell Imaging of Cytochrome P-450. <i>Chemistry - A European Journal</i> , 2021, 27, 3326-3337.	1.7	4
4232	Recent advances in oligomers/polymers with unconventional chromophores. <i>Materials Chemistry Frontiers</i> , 2021, 5, 60-75.	3.2	51
4233	Synthesis, characterization, and evaluation of biological activities of new 4-substituted ruthenium (II) terpyridine complexes: Prospective anti-inflammatory properties. <i>Applied Organometallic Chemistry</i> , 2021, 35, .	1.7	13
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4235	Synthesis, characterization and organic field-effect transistors applications of novel tetrathienoacene derivatives. <i>Dyes and Pigments</i> , 2021, 185, 108911.	2.0	12
4236	Structurally-thrifty and visible-absorbing fluorophores. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 245, 118907.	2.0	4
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4244	Preparation, characterization and luminescence behavior of some samarium complexes. <i>Rare Metals</i> , 2021, 40, 2618-2626.	3.6	22
4245	Ratiometric chemosensor for differentiation of TNP from other NACs using distinct blue fluorescence and visualization of latent fingerprints. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1097-1106.	2.7	22
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4267	Fluorescence Probe Based on Graphene Quantum Dots for Selective, Sensitive and Visualized Detection of Formaldehyde in Food. <i>Sustainability</i> , 2021, 13, 5273.	1.6	7
4268	A novel dibenzosuberenone bridged D-A- π -A type dye: Photophysical and photovoltaic investigations. <i>Journal of Molecular Structure</i> , 2021, 1232, 130056.	1.8	11
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4270	Development of Phenalenone-Triazolium Salt Derivatives for aPDT: Synthesis and Antibacterial Screening. <i>Antibiotics</i> , 2021, 10, 626.	1.5	10
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