

Chemiluminescence of praseodymium (III), neodymium solution excited from 1,2-dioxetane decomposition and from ketone to rare-earth \hat{I}^2 -diketonates

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Water enhances photoluminescence intensity of europium (III), terbium (III) and samarium (III) tris- β^2 -diketonates in toluene solutions and chemiluminescence intensity of europium (III) and samarium (III) tris- β^2 -diketonates in the reaction with dioxetane. Journal of Photochemistry and Photobiology A: Chemistry, 2000, 136, 203-208.	3.9	16
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3	Luminescence of praseodymium (III) chelates from two excited states (3P0 and 1D2) and its dependence on ligand triplet state energy. Journal of Luminescence, 2001, 93, 199-204.	3.1	99
4	Water enhances quantum yield and lifetime of luminescence of europium(III) tris- β^2 -diketonates in concentrated toluene and acetonitrile solutions. Journal of Luminescence, 2001, 93, 191-197.	3.1	22
5	Synthesis, structure and luminescence properties of new rare earth metal complexes with 1-phenyl-3-methyl-4-acylpyrazol-5-ones. Dalton Transactions RSC, 2002, , 1409.	2.3	57
6	Energy transfer in solution of lanthanide complexes. Journal of Photochemistry and Photobiology A: Chemistry, 2002, 150, 233-247.	3.9	176
7	Sensitized Near-Infrared Emission from Complexes of Yb(III), Nd(III) and Er(III) by Energy-Transfer from Covalently Attached Pt(II)-Based Antenna Units. Chemistry - A European Journal, 2003, 9, 5283-5291.	3.3	168
8	Formation reactions and photophysical parameters of highly luminescent lanthanoids(III) complexes with 4-hydroxypyridine-2,6-dicarboxylic acid. Bunseki Kagaku, 2003, 52, 713-718.	0.2	4
9	Modeling lanthanide coordination compounds: Sparkle/AM1 parameters for praseodymium (III). Journal of Organometallic Chemistry, 2005, 690, 4099-4102.	1.8	17
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12	Chapter 235 Lanthanide Near-Infrared Luminescence in Molecular Probes and Devices. Fundamental Theories of Physics, 2007, 37, 217-470.	0.3	123
13	Synthesis and Characterization of a Biologically Active Lanthanum(III)-Catechin Complex and DNA Binding Spectroscopic Studies. Spectroscopy Letters, 2009, 42, 178-185.	1.0	11
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15	Lanthanide Luminescence. Springer Series on Fluorescence, 2011, , .	0.8	104
16	Enhanced Near-Infrared Luminescence of Yb(III) Complexes with Phosphine Oxide and Hexafluoroacetylacetonate Ligands. Bulletin of the Chemical Society of Japan, 2011, 84, 148-154.	3.2	41
17	Single-Molecule Magnet Behaviour in a Tetrathiafulvalene-Based Electroactive Antiferromagnetically Coupled Dinuclear Dysprosium(III) Complex. Chemistry - A European Journal, 2011, 17, 10397-10404.	3.3	91
18	A single molecule magnet behaviour in a D_{3h} symmetry Dy(III) complex involving a quinone-tetrathiafulvalene-quinone bridge. Chemical Communications, 2012, 48, 714-716.	4.1	103

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20	Mononuclear and dinuclear iron(III) compounds with β^2 -diketonate ligands: Synthesis, magnetic behavior and DFT calculations. <i>Solid State Sciences</i> , 2013, 18, 10-16.	3.2	12
21	Estimation of ground- and excited-state dipole moments of 3-acetoacetyl-coumarin derivatives from a solvatochromic shift method based on the solvent polarity parameter. <i>Journal of Molecular Liquids</i> , 2013, 181, 89-96.	4.9	14
22	Applications of Sensitized Fluorescence in Chemiluminescence: A Review. <i>Analytical Letters</i> , 2013, 46, 2657-2672.	1.8	7
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25	Chemiluminescence arising from the decomposition of 1,4-dimethylnaphthalene endoperoxide applied to silica gel in the presence of Nd(III), Yb(III), and Eu(III) β^2 -diketonates. <i>Russian Chemical Bulletin</i> , 2013, 62, 1599-1603.	1.5	0
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30	Visible-emitting hybrid sol-gel materials comprising lanthanide ions: thin film behaviour and potential use as phosphors for solid-state lighting. <i>New Journal of Chemistry</i> , 2014, 38, 5793-5800.	2.8	17
31	Dioxetane Scission Products Unchanged by Mechanical Force. <i>ChemPhysChem</i> , 2014, 15, 3565-3571.	2.1	22
32	Rational Design of a Lanthanide-Based Complex Featuring Different Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2015, 21, 16929-16934.	3.3	24
33	Luminescence and Single-Molecule Magnet Behavior in Lanthanide Complexes Involving a Tetrathiafulvalene-Fused Dipyrrophenazine Ligand. <i>Inorganic Chemistry</i> , 2015, 54, 5384-5397.	4.0	85
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36	Rhodamine-based field-induced single molecule magnets in Yb^{III} and Dy^{III} series. <i>New Journal of Chemistry</i> , 2015, 39, 8650-8657.	2.8	26

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41	Slow Magnetic Relaxation in Chiral Helicene-Based Coordination Complex of Dysprosium. Magnetochemistry, 2017, 3, 2.	2.4	19
42	Luminescence and Singleâ€“Moleculeâ€“Magnet Behaviour in Lanthanide Coordination Complexes Involving Benzothiazoleâ€“Based Tetrathiafulvalene Ligands. European Journal of Inorganic Chemistry, 2018, 2018, 458-468.	2.0	13
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49	Slow magnetic relaxation and luminescence properties in neodymium(<sc>iii</sc>)-4,4,4-trifluoro-1-(2-naphthyl)butane-1,3-dionato complexes incorporating bipyridyl ligands. New Journal of Chemistry, 2021, 45, 14713-14723.	2.8	11
50	Ytterbium-Centered Isotopic Enrichment Leading to a Zero-Field Single-Molecule Magnet. Inorganic Chemistry, 2021, 60, 540-544.	4.0	20
51	Chiral Emissive Lanthanide Complexes from Enantiopure [6]Heliceneâ€“bis(pyrazolyl)â€“pyridine Ligands. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	8
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54	Two Chiral Yb^{III} Enantiomeric Pairs with Distinct Enantiomerically Pure N-Donor Ligands Presenting Significant Differences in Photoluminescence, Circularly Polarized Luminescence, and Second-Harmonic Generation. Inorganic Chemistry, 2023, 62, 4351-4360.	4.0	4

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