

Jorge H S K Monteiro

List of Publications by Year in descending order

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29
papers

612
citations

586496

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times ranked

984
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbazole-functionalized dipicolinato Ln(III) complexes show two-photon excitation and viscosity-sensitive metal-centered emission. <i>Journal of Luminescence</i> , 2022, 245, 118768.	1.5	1
2	New up-conversion luminescence in molecular cyano-substituted naphthylsalophen lanthanide(III) complexes. <i>Chemical Communications</i> , 2021, 57, 2551-2554.	2.2	12
3	Solution structure of a europium(III)-nicotianamine complex supports that phytosiderophores bind lanthanides. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 4287-4299.	1.3	12
4	Metal-organic frameworks of lanthanide iminodiacetates and tartrates: Synthesis, structural characterization and luminescence properties – Commemorating the 100th anniversary of the birth of Academician Guangxian Xu. <i>Journal of Rare Earths</i> , 2021, 39, 487-494.	2.5	4
5	Full Visible Spectrum and White Light Emission with a Single, Input-Tunable Organic Fluorophore. <i>Journal of the American Chemical Society</i> , 2020, 142, 20306-20312.	6.6	19
6	Opportunities for Persistent Luminescent Nanoparticles in Luminescence Imaging of Biological Systems and Photodynamic Therapy. <i>Nanomaterials</i> , 2020, 10, 2015.	1.9	32
7	Recent Advances in Luminescence Imaging of Biological Systems Using Lanthanide(III) Luminescent Complexes. <i>Molecules</i> , 2020, 25, 2089.	1.7	53
8	Luminescence of Lanthanide Complexes with Perfluorinated Alkoxide Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 9807-9823.	1.9	9
9	Luminescent Carbazole-Based Eu(III) and Yb(III) Complexes with a High Two-Photon Absorption Cross-Section Enable Viscosity Sensing in the Visible and Near IR with One- and Two-Photon Excitation. <i>Inorganic Chemistry</i> , 2020, 59, 3193-3199.	1.9	15
10	Synthesis, Structure, Photophysical Properties, and Photostability of Benzodipyrenes. <i>Chemistry - A European Journal</i> , 2019, 25, 1441-1445.	1.7	18
11	A water-soluble Tb(III) complex as a temperature-sensitive luminescent probe. <i>Canadian Journal of Chemistry</i> , 2018, 96, 859-864.	0.6	14
12	Estimating the Individual Spectroscopic Properties of Three Unique Eu(III) Sites in a Coordination Polymer. <i>Inorganic Chemistry</i> , 2018, 57, 15421-15429.	1.9	5
13	Lanthanide ion emission in multicolor OLEDs (Ce ³⁺ , Pr ³⁺ , Tb ³⁺ , Dy ³⁺ , Tm ³⁺ , and white light Eu ³⁺) <i>Tj ETQq1 1 0.784314 rgBT</i>		
14	New thiophene-functionalized pyrene, peropyrene, and teropyrene via a two- or four-fold alkyne annulation and their photophysical properties. <i>Canadian Journal of Chemistry</i> , 2017, 95, 341-345.	0.6	31
15	Estimating the Donor-Acceptor Distance To Tune the Emission Efficiency of Luminescent Lanthanide Compounds. <i>Inorganic Chemistry</i> , 2017, 56, 709-712.	1.9	31
16	Ln(III)-centered emission sensitized through fluorescent carbon dots. <i>Journal of Luminescence</i> , 2017, 192, 1273-1277.	1.5	13
17	Mn doped AlZS/ZnS nanocrystals: Synthesis and optical properties. <i>Journal of Alloys and Compounds</i> , 2017, 725, 1077-1083.	2.8	16
18	Luminescence and Nonlinear Optical Properties in Copper(I) Halide Extended Networks. <i>Inorganic Chemistry</i> , 2016, 55, 11408-11417.	1.9	40

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19	Pyrenes, Peropyrenes, and Teropyrenes: Synthesis, Structures, and Photophysical Properties. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10427-10430.	7.2	81
20	Pyrenes, Peropyrenes, and Teropyrenes: Synthesis, Structures, and Photophysical Properties. <i>Angewandte Chemie</i> , 2016, 128, 10583-10586.	1.6	37
21	Unusual Oâ€Bridged Symmetric Quinolineâ€Based Ligand for the Formation of Luminescent Monoâ€Aqua Lanthanide Complexes. <i>ChemistrySelect</i> , 2016, 1, 6618-6622.	0.7	1
22	Photostable, Oxygenâ€Sensitive Optical Probe Based on a Homonuclear Terbium(III) Complex Covalently Bound to Functionalized Polydimethylsiloxane. <i>ChemPlusChem</i> , 2015, 80, 1721-1724.	1.3	9
23	The effect of 4-halogenobenzoate ligands on luminescent and structural properties of lanthanide complexes: experimental and theoretical approaches. <i>New Journal of Chemistry</i> , 2015, 39, 1883-1891.	1.4	36
24	The influence of carboxylate, phosphinate and seleninate groups on luminescent properties of lanthanides complexes. <i>Journal of Luminescence</i> , 2014, 154, 22-31.	1.5	22
25	Synthesis of a functionalized europium complex and deposition of luminescent Langmuirâ€Blodgett (LB) films. <i>New Journal of Chemistry</i> , 2012, 36, 1978.	1.4	21
26	Non-stabilized europium-doped lanthanum oxyfluoride and fluoride nanoparticles well dispersed in thin silica films. <i>Journal of Materials Chemistry</i> , 2012, 22, 24109.	6.7	25
27	Correlation between structural data and spectroscopic studies of a new β^2 -diketonate complex with trivalent europium and gadolinium. <i>New Journal of Chemistry</i> , 2011, 35, 1234.	1.4	18
28	New chelate complexes of trivalent Y and lanthanides (Eu, Ho, Yb) with a triazene N-oxide: Synthesis, structural characterization and luminescence properties. <i>Inorganica Chimica Acta</i> , 2011, 366, 203-208.	1.2	17
29	Integrated X-ray crystallography, optical and computational methods in studies of structure and luminescence of new synthesized complexes of lanthanides with ligands derived from 2,6-diformylpyridine. <i>Polyhedron</i> , 2011, 30, 851-859.	1.0	14