

GaÃ«l Zucchi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3455156/publications.pdf>

Version: 2024-02-01

25
papers

1,097
citations

516710

16
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

1531
citing authors

#	ARTICLE	IF	CITATIONS
1	Dinitrogen Reduction by Tm(II), Dy(II), and Nd(II) with Simple Amide and Aryloxy Ligands. <i>Journal of the American Chemical Society</i> , 2003, 125, 10-11.	13.7	228
2	Isolation of Dysprosium and Yttrium Complexes of a Three-Electron Reduction Product in the Activation of Dinitrogen, the (N ₂) ³⁺ Radical. <i>Journal of the American Chemical Society</i> , 2009, 131, 11195-11202.	13.7	117
3	Liquid Crystalline Metal-Free Phthalocyanines Designed for Charge and Exciton Transport. <i>Journal of Physical Chemistry B</i> , 2005, 109, 20315-20323.	2.6	101
4	2,2'-Bipyrimidine as Efficient Sensitizer of the Solid-State Luminescence of Lanthanide and Uranyl Ions from Visible to Near-Infrared. <i>Chemistry - A European Journal</i> , 2009, 15, 9686-9696.	3.3	83
5	Solution, Solid State, and Film Properties of a Structurally Characterized Highly Luminescent Molecular Europium Plastic Material Excitable with Visible Light. <i>Inorganic Chemistry</i> , 2011, 50, 4851-4856.	4.0	77
6	Structural Diversity in Neodymium Bipyrimidine Compounds with Near Infrared Luminescence: from Mono- and Binuclear Complexes to Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2008, 47, 10398-10406.	4.0	67
7	Highly Luminescent, Visible-Emitting Lanthanide Macrocyclic Chelates Stable in Water and Derived from the Cyclen Framework. <i>Inorganic Chemistry</i> , 2002, 41, 2459-2465.	4.0	51
8	White electroluminescence of lanthanide complexes resulting from exciplex formation. <i>Journal of Materials Chemistry</i> , 2010, 20, 2114.	6.7	45
9	Miscibility between Differently Shaped Mesogens: Structural and Morphological Study of a Phthalocyanine-Perylene Binary System. <i>Journal of Physical Chemistry B</i> , 2009, 113, 5448-5457.	2.6	37
10	Remarkable Miscibility between Disk- and Lathlike Mesogens. <i>Chemistry of Materials</i> , 2005, 17, 4273-4277.	6.7	35
11	Importance of the chromophore orientation to the ligand-to-metal energy transfer in lanthanide complexes with pendant-arm fitted cyclen derivatives. <i>Dalton Transactions RSC</i> , 2001, , 1975-1985.	2.3	34
12	Unsolved dimeric organometallic samarium hydride versus solvated trisalkylborane supported monomeric hydride. <i>Journal of Organometallic Chemistry</i> , 1997, 547, 157-165.	1.8	28
13	Structural and photophysical behaviour of lanthanide complexes with a tetraazacyclododecane featuring carbamoyl pendant arms. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 931-938.	1.1	26
14	Magneto-structural and photophysical investigations on a dinuclear Sm(III) complex featuring 2,2'-bipyrimidine. <i>Inorganica Chimica Acta</i> , 2012, 380, 354-357.	2.4	21
15	Europium(ii) compounds: simple synthesis of a molecular complex in water and coordination polymers with 2,2'-bipyrimidine-mediated ferromagnetic interactions. <i>Chemical Communications</i> , 2010, 46, 9143.	4.1	20
16	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
17	Insights into the π-π interaction driven non-covalent functionalization of carbon nanotubes of various diameters by conjugated fluorene and carbazole copolymers. <i>Journal of Chemical Physics</i> , 2020, 152, 064708.	3.0	17
18	Synthesis, characterization, morphological behaviour, and photo- and electroluminescence of highly blue-emitting fluorene-carbazole copolymers with alkyl side-chains of different lengths. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3207.	5.5	15

#	ARTICLE	IF	CITATIONS
19	Self-Assembled Triple-Stranded Lanthanide Dimetallic Helicates with a Ditopic Ligand Derived from Bis(benzimidazole)pyridine and Featuring an (4-Isothiocyanatophenyl)ethynyl Substituent. <i>Helvetica Chimica Acta</i> , 2002, 85, 1915.	1.6	14
20	Optical chemosensors for metal ions in aqueous medium with polyfluorene derivatives: Sensitivity, selectivity and regeneration. <i>Sensors and Actuators B: Chemical</i> , 2019, 286, 521-532.	7.8	14
21	The Utility of 2,2'-Bipyrimidine in Lanthanide Chemistry: From Materials Synthesis to Structural and Physical Properties. <i>International Journal of Inorganic Chemistry</i> , 2011, 2011, 1-13.	0.6	12
22	Magnetic properties of structurally characterized binuclear lanthanide complexes bridged by 2,2'-bipyrimidine. <i>Polyhedron</i> , 2013, 52, 1262-1267.	2.2	11
23	Improving the performance of polymer light-emitting devices with chemical tools. <i>Polymer International</i> , 2014, 63, 1368-1377.	3.1	9
24	Comparing Commercial Metal-Coated AFM Tips and Home-Made Bulk Gold Tips for Tip-Enhanced Raman Spectroscopy of Polymer Functionalized Multiwalled Carbon Nanotubes. <i>Nanomaterials</i> , 2022, 12, 451.	4.1	4
25	2,2'-Bipyrimidine as a Building Block for the Design of Emissive Conjugated Polymers for Hybrid LED Lighting. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5581-5591.	4.4	2