

Steve Comby

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1281100/publications.pdf>

Version: 2024-02-01

32
papers

2,380
citations

236612

25
h-index

395343

33
g-index

34
all docs

34
docs citations

34
times ranked

2854
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent 4-amino-1,8-naphthalimide Tröger's bases possessing conjugated 4-amino-1,8-naphthalimide moieties and their potential fullerenes Host-Guest complexes. Results in Chemistry, 2021, 3, 100128.	0.9	5
2	Fluorescent 4-amino-1,8-naphthalimide Tröger's bases (TBNaps) possessing (orthogonal) β -amino acids TM , esters and di-peptides and their solvent dependent photophysical properties. Organic and Biomolecular Chemistry, 2021, 19, 6817-6833.	1.5	6
3	Synthesis and characterisation of biocompatible organic-inorganic core-shell nanocomposite particles based on ureasils. Journal of Materials Chemistry B, 2020, 8, 4908-4916.	2.9	6
4	The effect of the linker size in C_2 -symmetrical chiral ligands on the self-assembly formation of luminescent triple-stranded di-metallic $Eu(iii)$ helicates in solution. Dalton Transactions, 2018, 47, 12308-12317.	1.6	32
5	White-light emission from discrete heterometallic lanthanide-directed self-assembled complexes in solution. Chemical Science, 2017, 8, 3419-3426.	3.7	59
6	Surface-Modified Gold Nanoparticles Possessing Two-Channel Responsive $Eu(iii)/Tb(iii)$ Cyclen Complexes as Luminescent Logic Gate Mimics. ChemPhysChem, 2017, 18, 1746-1751.	1.0	20
7	Two-Photon Luminescent Bone Imaging Using Europium Nanoagents. Chem, 2016, 1, 438-455.	5.8	51
8	Cyclen lanthanide-based micellar structures for application as luminescent $[Eu(iii)]$ and magnetic $[Gd(iii)]$ resonance imaging (MRI) contrast agents. Chemical Communications, 2016, 52, 10858-10861.	2.2	18
9	Design and Response of High-Efficiency, Planar, Doped Luminescent Solar Concentrators Using Organic-Inorganic Diureasil Waveguides. Advanced Optical Materials, 2016, 4, 444-456.	3.6	59
10	Towards multifunctional lanthanide-based metal-organic frameworks. Chemical Communications, 2015, 51, 13313-13316.	2.2	38
11	Lanthanide-Functionalized Nanoparticles as MRI and Luminescent Probes for Sensing and/or Imaging Applications. Inorganic Chemistry, 2014, 53, 1867-1879.	1.9	113
12	Efficient Quenching of TGA-Capped CdTe Quantum Dot Emission by a Surface-Coordinated Europium(III) Cyclen Complex. Inorganic Chemistry, 2013, 52, 4133-4135.	1.9	21
13	Thiourea Derived Tröger's Bases as Molecular Cleft Receptors and Colorimetric Sensors for Anions. Journal of Organic Chemistry, 2013, 78, 8312-8319.	1.7	59
14	pH-Responsive Luminescent Lanthanide-Functionalized Gold Nanoparticles with On-Off -Ytterbium Switchable Near-Infrared Emission. Angewandte Chemie - International Edition, 2012, 51, 9624-9627.	7.2	66
15	New Trick for an Old Ligand! The Sensing of Zn(II) Using a Lanthanide Based Ternary Yb(III)-cyclen-8-hydroxyquinoline System As a Dual Emissive Probe for Displacement Assay. Inorganic Chemistry, 2012, 51, 10158-10168.	1.9	95
16	Luminescent Lanthanide-Functionalized Gold Nanoparticles: Exploiting the Interaction with Bovine Serum Albumin for Potential Sensing Applications. ACS Nano, 2011, 5, 7184-7197.	7.3	84
17	Sensing of biologically relevant d-metal ions using a Eu(iii)-cyclen based luminescent displacement assay in aqueous pH 7.4 buffered solution. Chemical Communications, 2011, 47, 6810.	2.2	59
18	Recent Highlights in the use of Lanthanide-directed Synthesis of Novel Supramolecular (Luminescent) Self-assembly Structures such as Coordination Bundles, Helicates and Sensors. Australian Journal of Chemistry, 2011, 64, 1315.	0.5	38

#	ARTICLE	IF	CITATIONS
19	Formation of Novel Dinuclear Lanthanide Luminescent Samarium(III), Europium(III), and Terbium(III) Triple-Stranded Helicates from a C_2 -Symmetrical Pyridine-2,6-dicarboxamide-Based 1,3-Xylenediyl-Linked Ligand in MeCN. <i>Helvetica Chimica Acta</i> , 2009, 92, 2461-2473.	1.0	37
20	Luminescent Lanthanide Helicates Self-Assembled from Ditopic Ligands Bearing Phosphonic Acid or Phosphoester Units. <i>Inorganic Chemistry</i> , 2009, 48, 10687-10696.	1.9	30
21	A Versatile Ditopic Ligand System for Sensitizing the Luminescence of Bimetallic Lanthanide Bio-Imaging Probes. <i>Chemistry - A European Journal</i> , 2008, 14, 1726-1739.	1.7	107
22	Lanthanide Bimetallic Helicates for <i>in Vitro</i> Imaging and Sensing. <i>Annals of the New York Academy of Sciences</i> , 2008, 1130, 97-105.	1.8	89
23	Luminescent lanthanide bimetallic triple-stranded helicates as potential cellular imaging probes. <i>Chemical Communications</i> , 2007, , 1716-1718.	2.2	73
24	A Novel Strategy for the Design of 8-Hydroxyquinolate-Based Lanthanide Bioprobes That Emit in the Near Infrared Range. <i>Chemistry - A European Journal</i> , 2007, 13, 936-944.	1.7	111
25	A Polyoxyethylene-Substituted Bimetallic Europium Helicate for Luminescent Staining of Living Cells. <i>Chemistry - A European Journal</i> , 2007, 13, 9515-9526.	1.7	97
26	New Opportunities for Lanthanide Luminescence. <i>Journal of Rare Earths</i> , 2007, 25, 257-274.	2.5	483
27	Chapter 235 Lanthanide Near-Infrared Luminescence in Molecular Probes and Devices. <i>Fundamental Theories of Physics</i> , 2007, 37, 217-470.	0.1	123
28	Stable 8-Hydroxyquinolate-Based Podates as Efficient Sensitizers of Lanthanide Near-Infrared Luminescence. <i>Inorganic Chemistry</i> , 2006, 45, 732-743.	1.9	124
29	Dual Emission from Luminescent Nonalanthanide Clusters. <i>Inorganic Chemistry</i> , 2006, 45, 3158-3160.	1.9	64
30	Luminescent properties of an Yb podate in sol-gel silica films, solution, and solid state. <i>Chemical Physics Letters</i> , 2006, 432, 128-132.	1.2	20
31	Lanthanide 8-hydroxyquinoline-based podates with efficient emission in the NIR range. <i>Chemical Communications</i> , 2005, , 1432-1434.	2.2	84
32	Influence of Anionic Functions on the Coordination and Photophysical Properties of Lanthanide(III) Complexes with Tridentate Bipyridines. <i>Inorganic Chemistry</i> , 2004, 43, 7369-7379.	1.9	94