

# Stephane Petoud

## List of Publications by Year in descending order

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113  
papers

7,590  
citations

57758

44  
h-index

53230

85  
g-index

119  
all docs

119  
docs citations

119  
times ranked

7648  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc-Adeninate Metal-Organic Framework for Aqueous Encapsulation and Sensitization of Near-infrared and Visible Emitting Lanthanide Cations. <i>Journal of the American Chemical Society</i> , 2011, 133, 1220-1223.	13.7	589
2	Near-Infrared Luminescent Lanthanide MOF Barcodes. <i>Journal of the American Chemical Society</i> , 2009, 131, 18069-18071.	13.7	448
3	Stable Lanthanide Luminescence Agents Highly Emissive in Aqueous Solution: Multidentate 2-Hydroxyisophthalamide Complexes of Sm <sup>3+</sup> , Eu <sup>3+</sup> , Tb <sup>3+</sup> , Dy <sup>3+</sup> . <i>Journal of the American Chemical Society</i> , 2003, 125, 13324-13325.	13.7	438
4	Luminescence Properties of Self-Aggregating Tb(III)-DOTA-Functionalized Calix[4]arenes. <i>Frontiers in Chemistry</i> , 2018, 6, 1.	3.6	358
5	Brilliant Sm, Eu, Tb, and Dy Chiral Lanthanide Complexes with Strong Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2007, 129, 77-83.	13.7	278
6	Turn-On Luminescence Sensing and Real-Time Detection of Traces of Water in Organic Solvents by a Flexible Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1651-1656.	13.8	277
7	Lanthanide near infrared imaging in living cells with Yb <sup>3+</sup> nano metal organic frameworks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17199-17204.	7.1	248
8	Lanthanide Podates with Predetermined Structural and Photophysical Properties: Strongly Luminescent Self-Assembled Heterodinuclear d <sup>f</sup> Complexes with a Segmental Ligand Containing Heterocyclic Imines and Carboxamide Binding Units. <i>Journal of the American Chemical Society</i> , 1996, 118, 6681-6697.	13.7	233
9	Sensitization of Near-Infrared-Emitting Lanthanide Cations in Solution by Tropolonate Ligands. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2508-2512.	13.8	220
10	Ga <sup>3+</sup> /Ln <sup>3+</sup> Metallocrowns: A Promising Family of Highly Luminescent Lanthanide Complexes That Covers Visible and Near-Infrared Domains. <i>Journal of the American Chemical Society</i> , 2016, 138, 5100-5109.	13.7	170
11	Highly Emitting Near-Infrared Lanthanide Encapsulated Sandwich-Metallocrown Complexes with Excitation Shifted Toward Lower Energy. <i>Journal of the American Chemical Society</i> , 2014, 136, 1526-1534.	13.7	161
12	A Strategy to Protect and Sensitize Near-Infrared Luminescent Nd <sup>3+</sup> and Yb <sup>3+</sup> : Organic Tropolonate Ligands for the Sensitization of Ln <sup>3+</sup> -Doped NaYF <sub>4</sub> Nanocrystals. <i>Journal of the American Chemical Society</i> , 2007, 129, 14834-14835.	13.7	136
13	Influence of charge-transfer states on the Eu(III) luminescence in mononuclear triple helical complexes with tridentate aromatic ligands. <i>Journal of Luminescence</i> , 1999, 82, 69-79.	3.1	135
14	Near-infrared emitting ytterbium metal-organic frameworks with tunable excitation properties. <i>Chemical Communications</i> , 2009, , 4506.	4.1	135
15	Pyridine-based lanthanide complexes: towards bimodal agents operating as near infrared luminescent and MRI reporters. <i>Chemical Communications</i> , 2008, , 6591.	4.1	132
16	Near-infrared emitting probes for biological imaging: Organic fluorophores, quantum dots, fluorescent proteins, lanthanide(III) complexes and nanomaterials. <i>Journal of Luminescence</i> , 2017, 189, 19-43.	3.1	130
17	Luminescent Properties of Lanthanide Nitrate Complexes with Substituted Bis(benzimidazolyl)pyridines. <i>Inorganic Chemistry</i> , 1997, 36, 1345-1353.	4.0	117
18	Polymetallic Lanthanide Complexes with PAMAM-Naphthalimide Dendritic Ligands: Luminescent Lanthanide Complexes Formed in Solution. <i>Journal of the American Chemical Society</i> , 2004, 126, 16278-16279.	13.7	117

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19	Optimizing Millisecond Time Scale Near-Infrared Emission in Polynuclear Chrome(III)–Lanthanide(III) Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 12675-12684.	13.7	117
20	Near-Infrared Optical Imaging of Necrotic Cells by Photostable Lanthanide-Based Metallacrowns. <i>Journal of the American Chemical Society</i> , 2017, 139, 8388-8391.	13.7	109
21	Optical sensitization and upconversion in discrete polynuclear chromium–lanthanide complexes. <i>Coordination Chemistry Reviews</i> , 2012, 256, 1644-1663.	18.8	104
22	Rare Earth pcu Metal–Organic Framework Platform Based on RE <sub>4</sub> (¼ <sub>3</sub> -OH) <sub>4</sub> (COO) <sub>6</sub> <sup>2+</sup> Clusters: Rational Design, Directed Synthesis, and Deliberate Tuning of Excitation Wavelengths. <i>Journal of the American Chemical Society</i> , 2017, 139, 9333-9340.	13.7	102
23	Incorporating Lanthanide Cations with Cadmium Selenide Nanocrystals: A Strategy to Sensitize and Protect Tb(III). <i>Journal of the American Chemical Society</i> , 2005, 127, 16752-16753.	13.7	96
24	Stability and Size-Discriminating Effects in Mononuclear Lanthanide Triple-Helical Building Blocks with Tridentate Aromatic Ligands. <i>Inorganic Chemistry</i> , 1997, 36, 5750-5760.	4.0	94
25	Azulene–Moiety–Based Ligand for the Efficient Sensitization of Four Near-Infrared Luminescent Lanthanide Cations: Nd <sup>3+</sup> , Er <sup>3+</sup> , Tm <sup>3+</sup> , and Yb <sup>3+</sup> . <i>Chemistry - A European Journal</i> , 2008, 14, 1264-1272.	3.3	93
26	Lanthanide Sensitization in II–VI Semiconductor Materials: A Case Study with Terbium(III) and Europium(III) in Zinc Sulfide Nanoparticles. <i>Journal of Physical Chemistry A</i> , 2011, 115, 4031-4041.	2.5	93
27	Novel antennae for the sensitization of near infrared luminescent lanthanide cations. <i>Comptes Rendus Chimie</i> , 2010, 13, 668-680.	0.5	89
28	Pyridine–Based Lanthanide Complexes Combining MRI and NIR Luminescence Activities. <i>Chemistry - A European Journal</i> , 2012, 18, 1419-1431.	3.3	89
29	Optimizing Sensitization Processes in Dinuclear Luminescent Lanthanide Oligomers: Selection of Rigid Aromatic Spacers. <i>Journal of the American Chemical Society</i> , 2011, 133, 16219-16234.	13.7	80
30	Polynuclear Sm <sup>III</sup> Polyamidoamine–Based Dendrimer: A Single Probe for Combined Visible and Near-Infrared Live-Cell Imaging. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2927-2930.	13.8	75
31	Isoquinoline-Based Lanthanide Complexes: Bright NIR Optical Probes and Efficient MRI Agents. <i>Inorganic Chemistry</i> , 2012, 51, 2522-2532.	4.0	64
32	Synthesis and Metal Binding Properties of Salicylate-, Catecholate-, and Hydroxypyridinonate-Functionalized Dendrimers. <i>Chemistry - A European Journal</i> , 2001, 7, 272-279.	3.3	60
33	N–Heterocyclic Tridentate Aromatic Ligands Bound to [Ln(hexafluoroacetylacetonate) <sub>3</sub> ] Units: Thermodynamic, Structural, and Luminescent Properties. <i>Chemistry - A European Journal</i> , 2012, 18, 7155-7168.	3.3	59
34	Near-Infrared to Visible Light-Upconversion in Molecules: From Dream to Reality. <i>Journal of Physical Chemistry C</i> , 2013, 117, 26957-26963.	3.1	55
35	On-Demand Degradation of Metal–Organic Framework Based on Photocleavable Dianthracene-Based Ligand. <i>Journal of the American Chemical Society</i> , 2018, 140, 10820-10828.	13.7	54
36	Taming Lanthanide-Centered Upconversion at the Molecular Level. <i>Inorganic Chemistry</i> , 2016, 55, 9964-9972.	4.0	53

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37	Near infrared excitation and emission in rare earth MOFs <i>via</i> encapsulation of organic dyes. <i>Chemical Science</i> , 2018, 9, 8099-8102.	7.4	53
38	A Postsynthetic Modification of $\text{VI}$ Semiconductor Nanoparticles to Create $\text{Tb}^{3+}$ and $\text{Eu}^{3+}$ Luminophores. <i>Journal of Physical Chemistry C</i> , 2013, 117, 14451-14460.	3.1	52
39	Ship-in-a-Bottle Preparation of Long Wavelength Molecular Antennae in Lanthanide Metal-Organic Frameworks for Biological Imaging. <i>Journal of the American Chemical Society</i> , 2020, 142, 8776-8781.	13.7	50
40	Smaller than a nanoparticle with the design of discrete polynuclear molecular complexes displaying near-infrared to visible upconversion. <i>Dalton Transactions</i> , 2015, 44, 2529-2540.	3.3	49
41	Decorated carbon nanotubes with unique oxygen sensitivity. <i>Nature Chemistry</i> , 2009, 1, 500-506.	13.6	48
42	Fluorescence Detection of Surface-Bound Intermediates Produced from UV Photoreactivity of Alkylsiloxane SAMs. <i>Journal of the American Chemical Society</i> , 2004, 126, 2260-2261.	13.7	47
43	One-Step Assembly of Visible and Near-Infrared Emitting Metallacrown Dimers Using a Bifunctional Linker. <i>Chemistry - A European Journal</i> , 2018, 24, 1031-1035.	3.3	47
44	Simultaneous drug release at different rates from biodegradable polyurethane foams. <i>Acta Biomaterialia</i> , 2009, 5, 2398-2408.	8.3	46
45	Hypoxia-Regulated Overexpression of Soluble VEGFR2 Controls Angiogenesis and Inhibits Tumor Growth. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 165-178.	4.1	44
46	Near-infrared luminescent metallacrowns for combined in vitro cell fixation and counter staining. <i>Chemical Science</i> , 2017, 8, 6042-6050.	7.4	42
47	The first structurally characterized and strongly luminescent self-assembled helical heterodinuclear $\text{d}^4\text{f}$ complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2575-2577.	2.0	40
48	A Tripodal Ruthenium-Gadolinium Metallostear as a Potential $\text{v}^23$ Integrin Specific Bimodal Imaging Contrast Agent. <i>Inorganic Chemistry</i> , 2012, 51, 6405-6411.	4.0	38
49	LDI-glycerol polyurethane implants exhibit controlled release of DB-67 and anti-tumor activity in vitro against malignant gliomas. <i>Acta Biomaterialia</i> , 2008, 4, 852-862.	8.3	33
50	Catalyst-dependent drug loading of LDI-glycerol polyurethane foams leads to differing controlled release profiles. <i>Acta Biomaterialia</i> , 2008, 4, 1263-1274.	8.3	33
51	Prototypes of Lanthanide(III) Agents Responsive to Enzymatic Activities in Three Complementary Imaging Modalities: Visible/Near-Infrared Luminescence, PARACEST-, and $\text{T}_1$ -MRI. <i>Journal of the American Chemical Society</i> , 2016, 138, 2913-2916.	13.7	33
52	Hydrophobic chromophore cargo in micellar structures: a different strategy to sensitize lanthanide cations. <i>Chemical Communications</i> , 2010, 46, 124-126.	4.1	32
53	H/D Isotope Effects in Protein Thermal Denaturation: The Case of Bovine Serum Albumin. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1881-1888.	2.6	32
54	Preferential accumulation within tumors and <i>in vivo</i> imaging by functionalized luminescent dendrimer lanthanide complexes. <i>Biomaterials</i> , 2011, 32, 9343-9352.	11.4	32

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55	Synthesis and Structural Properties of Lanthanide Complexes Formed with Tropolonate Ligands. <i>Inorganic Chemistry</i> , 2007, 46, 6473-6482.	4.0	31
56	Luminescence targeting and imaging using a nanoscale generation 3 dendrimer in an in vivo colorectal metastatic rat model. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 249-258.	3.3	29
57	Perfluorinated Aromatic Spacers for Sensitizing Europium(III) Centers in Dinuclear Oligomers: Better than the Best by Chemical Design?. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11302-11305.	13.8	29
58	A Bis(pyridine $\rightarrow$ N-oxide) Analogue of DOTA: Relaxometric Properties of the Gd(III) Complex and Efficient Sensitization of Visible and NIR-Emitting Lanthanide(III) Cations Including Pr(III) and Ho(III). <i>Chemistry - A European Journal</i> , 2014, 20, 14834-14845.	3.3	29
59	Dy <sup>3+</sup> White Light Emission Can Be Finely Controlled by Tuning the First Coordination Sphere of Ga <sup>3+</sup> /Dy <sup>3+</sup> Metallacrown Complexes. <i>Journal of the American Chemical Society</i> , 2020, 142, 16173-16176.	13.7	29
60	New tris-3,4-HOPO lanthanide complexes as potential imaging probes: complex stability and magnetic properties. <i>Dalton Transactions</i> , 2013, 42, 6046.	3.3	28
61	Lanthanide(III) Complexes of Diethylenetriaminepentaacetic Acid (DTPA)-Bisamide Derivatives as Potential Agents for Bimodal (Optical/Magnetic Resonance) Imaging. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2629-2639.	2.0	28
62	Design of lanthanide-based metal-organic frameworks with enhanced near-infrared emission. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10188-10192.	10.3	28
63	Lanthanide hexafluoroacetylacetonates vs. nitrates for the controlled loading of luminescent polynuclear single-stranded oligomers. <i>Chemical Science</i> , 2013, 4, 1125.	7.4	27
64	Mechanistic Studies of Gd <sup>3+</sup> -Based MRI Contrast Agents for Zn <sup>2+</sup> Detection: Towards Rational Design. <i>Chemistry - A European Journal</i> , 2014, 20, 10959-10969.	3.3	27
65	Lanthanide-Lanthanide Energy Transfer Processes Operating in Discrete Polynuclear Complexes: Can Trivalent Europium Be Used as a Local Structural Probe?. <i>Chemistry - A European Journal</i> , 2014, 20, 12172-12182.	3.3	27
66	Endothelial precursor cell-based therapy to target the pathologic angiogenesis and compensate tumor hypoxia. <i>Cancer Letters</i> , 2016, 370, 345-357.	7.2	27
67	Cooperative loading of multisite receptors with lanthanide containers: an approach for organized luminescent metallopolymer. <i>Chemical Science</i> , 2018, 9, 325-335.	7.4	27
68	Luminescent Zinc Fingers: Zn-Responsive Neodymium Near-Infrared Emission in Water. <i>Chemistry - A European Journal</i> , 2017, 23, 10992-10996.	3.3	25
69	Lanthanide-based near-infrared emitting metal-organic frameworks with tunable excitation wavelengths and high quantum yields. <i>Chemical Communications</i> , 2018, 54, 6816-6819.	4.1	25
70	Thermodynamic Programming of Erbium(III) Coordination Complexes for Dual Visible/Near-Infrared Luminescence. <i>Chemistry - A European Journal</i> , 2018, 24, 13158-13169.	3.3	25
71	Transparent polycrystalline SrREGa <sub>3</sub> O <sub>7</sub> melilite ceramics: potential phosphors for tuneable solid state lighting. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3238-3247.	5.5	24
72	Functionalized Triptycene-Derived Tripodal Ligands: Privileged Formation of Tetranuclear Cage Assemblies with Larger Ln(III). <i>Inorganic Chemistry</i> , 2017, 56, 2742-2749.	4.0	23

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73	A Unique Ln III {[3.3.1]Ga III Metallacryptate} Series That Possesses Properties of Slow Magnetic Relaxation and Visible/Near-Infrared Luminescence. <i>Chemistry - A European Journal</i> , 2018, 24, 10773-10783.	3.3	22
74	An original class of small sized molecules as versatile fluorescent probes for cellular imaging. <i>Chemical Communications</i> , 2019, 55, 7776-7779.	4.1	19
75	A Novel Salicylate-Based Macrobicycle with a "Split Personality". <i>Inorganic Chemistry</i> , 1999, 38, 4522-4529.	4.0	18
76	Enzyme-Catalyzed Oxidation Facilitates the Return of Fluorescence for Single-Walled Carbon Nanotubes. <i>Journal of the American Chemical Society</i> , 2013, 135, 13356-13364.	13.7	18
77	Taking a last look at lanthanidomesogens? The use of basic thermodynamics for programming the temperature domains of existence of luminescent liquid crystals. <i>Coordination Chemistry Reviews</i> , 2017, 340, 79-97.	18.8	18
78	Iodinated Metallacrowns: Toward Combined Bimodal Near-Infrared and X-Ray Contrast Imaging Agents. <i>Chemistry - A European Journal</i> , 2020, 26, 1274-1277.	3.3	18
79	Synthesis and Solid-State, Solution, and Luminescence Properties of Near-Infrared-Emitting Neodymium(3+) Complexes Formed with Ligands Derived from Salophen. <i>Helvetica Chimica Acta</i> , 2009, 92, 2313-2329.	1.6	17
80	Luminescent Properties of the Hexakis(Nitrito)Europate(III) Ion [Eu(NO <sub>2</sub> ) <sub>6</sub> ] <sup>3-</sup> . <i>Spectroscopy Letters</i> , 1999, 32, 155-163.	1.0	16
81	Incorporation of ionic ligands accelerates drug release from LDH-glycerol polyurethanes. <i>Acta Biomaterialia</i> , 2010, 6, 144-153.	8.3	16
82	New Calcium-Selective Smart Contrast Agents for Magnetic Resonance Imaging. <i>Chemistry - A European Journal</i> , 2013, 19, 18011-18026.	3.3	16
83	Visible, Near-Infrared, and Dual-Range Luminescence Spanning the 4f Series Sensitized by a Gallium(III)/Lanthanide(III) Metallacrown Structure. <i>Journal of Physical Chemistry A</i> , 2020, 124, 10550-10564.	2.5	16
84	Near-infrared emitting lanthanide(III) complexes as prototypes of optical imaging agents with peptide targeting ability: a methodological approach. <i>RSC Advances</i> , 2019, 9, 1747-1751.	3.6	15
85	Ln[DO3A-N-(pyrenebutanamido)propionate] complexes: optimized relaxivity and NIR optical properties. <i>Dalton Transactions</i> , 2014, 43, 3162-3173.	3.3	14
86	Unravelling the mechanism of water sensing by the Mg <sup>2+</sup> dihydroxy-terephthalate MOF (AEMOF). <i>Molecular Systems Design and Engineering</i> , 2020, 5, 461-468.	3.4	14
87	A near-infrared emitting MOF: controlled encapsulation of a fluorescein sensitizer at the time of crystal growth. <i>Chemical Communications</i> , 2021, 57, 3351-3354.	4.1	14
88	Towards materials with planned properties: dinuclear f-f helicates and d-f non-covalent podates based on benzimidazole-pyridine binding units. <i>Journal of Alloys and Compounds</i> , 1997, 249, 14-24.	5.5	13
89	Novel Antennae for Luminescent Lanthanide Cations Emitting in the Visible and in the Near-Infrared: From Small Molecules to Polymetallic Lanthanide Containing Nanocrystals. <i>Chimia</i> , 2009, 63, 745-752.	0.6	13
90	Mono- and Terfluorene Oligomers as Versatile Sensitizers for the Luminescent Eu <sup>3+</sup> Cation. <i>Inorganic Chemistry</i> , 2009, 48, 6332-6334.	4.0	13



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91	Lanthanide DO3A-Tropone Complexes: Efficient Dual MR/NIR Imaging Probes in Aqueous Medium. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4965-4968.	2.0	12
92	[Ga <sup>3+</sup> 8 Sm <sup>3+</sup> 2, Ga <sup>3+</sup> 8 Tb <sup>3+</sup> 2] Metallacrowns are Highly Promising Ratiometric Luminescent Molecular Nanothermometers Operating at Physiologically Relevant Temperatures. <i>Chemistry - A European Journal</i> , 2020, 26, 13792-13796.	3.3	12
93	Competition studies in horse spleen ferritin probed by a kinetically inert inhibitor, [Cr(TREN)(H <sub>2</sub> O)(OH)] <sup>2+</sup> , and a highly luminescent Tb(III) reagent. <i>Journal of Biological Inorganic Chemistry</i> , 2003, 8, 195-205.	2.6	11
94	Exploring the ability of the nalidixate to sensitize visible and near-infrared emitting lanthanide(III) cations. <i>Methods and Applications in Fluorescence</i> , 2017, 5, 014002.	2.3	11
95	Toward MRI and Optical Detection of Zwitterionic Neurotransmitters: Near-Infrared Luminescent and Magnetic Properties of Macrocyclic Lanthanide(III) Complexes Appended with a Crown Ether and a Benzophenone Chromophore. <i>Inorganic Chemistry</i> , 2019, 58, 13619-13630.	4.0	11
96	Peculiarities of crystal structures and photophysical properties of Ga <sup>III</sup> /Ln <sup>III</sup> metallacrowns with a non-planar [12-MC-4] core. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1553-1563.	6.0	11
97	Lanthanide-Based, Near-Infrared Luminescent and Magnetic Lipoparticles: Monitoring Particle Integrity. <i>Small</i> , 2013, 9, 2662-2666.	10.0	10
98	A role of copper(II) ions in the enhancement of visible and near-infrared lanthanide(III) luminescence. <i>Journal of Luminescence</i> , 2016, 171, 191-197.	3.1	9
99	One Approach for Two: Toward the Creation of Near-Infrared Imaging Agents and Rapid Screening of Lanthanide(III) Ion Sensitizers Using Polystyrene Nanobeads. <i>ACS Applied Bio Materials</i> , 2019, 2, 1667-1675.	4.6	8
100	Doxorubicin-Sensitized Luminescence of NIR-Emitting Ytterbium Liposomes: Towards Direct Monitoring of Drug Release. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23574-23577.	13.8	7
101	A Six-Armed Phenomazine Ligand with a Potential Off-Copper(II) Sensing Capability through Terbium(III) Luminescence Quenching. <i>Chemistry - A European Journal</i> , 2020, 26, 12645-12653.	3.3	6
102	Using Native Chemical Ligation for Site-Specific Synthesis of Heterobis-Lanthanide Peptide Conjugates: Application to Ratiometric Visible or Near-Infrared Detection of Zn <sup>2+</sup> . <i>Chemistry - A European Journal</i> , 2020, 26, 13476-13483.	3.3	6
103	Near-Infrared Emitting Heterobimetallic Zn <sup>4f</sup> Schiff Base Complexes with Visible Excitation Wavelength. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 75-78.	2.0	5
104	Innovative Multipodal Ligands Derived from Tröger's Bases for the Sensitization of Lanthanide(III) Luminescence. <i>Chemistry - A European Journal</i> , 2020, 26, 16900-16909.	3.3	5
105	Tuning the photophysical properties of lanthanide(III)/zinc(II) encapsulated sandwich™ metallacrowns emitting in the near-infrared range. <i>Chemical Science</i> , 2022, 13, 2919-2931.	7.4	4
106	Visible and near-infrared emitting heterotrimetallic lanthanide-aluminum-sodium 12-metallacrown-4 compounds: discrete monomers and dimers. <i>Dalton Transactions</i> , 2022, 51, 5989-5996.	3.3	4
107	Near-Infrared Lanthanide-Based Emission from Fused Bis[Ln(III)/Zn(II) 14-metallacrown-5] Coordination Compounds. <i>Inorganic Chemistry</i> , 2022, 61, 5691-5695.	4.0	3
108	Degradative-release as a function of drug structure from LDI-glycerol polyurethanes. <i>Bio-Medical Materials and Engineering</i> , 2010, 20, 269-281.	0.6	2

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109	Doxorubicinâ€Sensitized Luminescence of NIRâ€Emitting Ytterbium Liposomes: Towards Direct Monitoring of Drug Release. <i>Angewandte Chemie</i> , 2021, 133, 23766.	2.0	1
110	Lanthanide complexes with more intense luminescence: a strategy for the formation of polymetallic lanthanide dendrimer complexes and semiconductor nanocrystal compounds. , 2006, , .		0
111	Graphitic Nanocapsules. <i>Advanced Materials</i> , 2009, 21, 4692-4695.	21.0	0
112	Welcome to â€Molecular Probes in Optical and Magnetic Resonance Imagingâ€™. <i>Future Medicinal Chemistry</i> , 2010, 2, 305-306.	2.3	0
113	Near-Infrared Emitting Poly(amidoamine) Dendrimers with an Anthraquinone Core toward Versatile Non-Invasive Biological Imaging. <i>Biomacromolecules</i> , 2022, 23, 1392-1402.	5.4	0