

# Olivier Maury

## List of Publications by Citations

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247  
papers

9,522  
citations

57  
h-index

83  
g-index

279  
ext. papers

10,724  
ext. citations

6.3  
avg, IF

6.1  
L-index

#	Paper	IF	Citations
247	Long-lived two-photon excited luminescence of water-soluble europium complex: applications in biological imaging using two-photon scanning microscopy. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 1532-3	16.4	268
246	Molecular engineering of octupolar NLO molecules and materials based on bipyridyl metal complexes. <i>Accounts of Chemical Research</i> , <b>2005</b> , 38, 691-704	24.3	261
245	Charge transfer excited states sensitization of lanthanide emitting from the visible to the near-infra-red. <i>Coordination Chemistry Reviews</i> , <b>2012</b> , 256, 1604-1620	23.2	210
244	A redox-active luminescent ytterbium based single molecule magnet. <i>Chemical Communications</i> , <b>2013</b> , 49, 615-7	5.8	162
243	Efficient sensitization of europium, ytterbium, and neodymium functionalized tris-dipicolinate lanthanide complexes through tunable charge-transfer excited states. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 10258-68	5.1	161
242	Synthesis, linear, and quadratic-nonlinear optical properties of octupolar D3 and D2d bipyridyl metal complexes. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 4454-66	4.8	146
241	Forage fauna in the diet of three large pelagic fishes (lancetfish, swordfish and yellowfin tuna) in the western equatorial Indian Ocean. <i>Fisheries Research</i> , <b>2007</b> , 83, 60-72	2.3	137
240	Lanthanide Complexes for Nonlinear Optics: From Fundamental Aspects to Applications. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 4357-4371	2.3	133
239	Near IR Nonlinear Absorbing Chromophores with Optical Limiting Properties at Telecommunication Wavelengths. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 5325-5335	9.6	130
238	Zinc(II) as a versatile template for the design of dipolar and octupolar NLO-phores. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 4560-1	16.4	128
237	Two-Photon Absorption-Related Properties of Functionalized BODIPY Dyes in the Infrared Range up to Telecommunication Wavelengths. <i>Advanced Materials</i> , <b>2009</b> , 21, 1151-1154	24	126
236	Lanthanide complexes for second order nonlinear optics: evidence for the direct contribution of f electrons to the quadratic hyperpolarizability. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 13474-5	16.4	123
235	Continuous symmetry breaking induced by ion pairing effect in heptamethine cyanine dyes: beyond the cyanine limit. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 4328-35	16.4	120
234	Synthesis, photophysical and nonlinear optical properties of macromolecular architectures featuring octupolar tris(bipyridine) ruthenium(II) moieties: evidence for a supramolecular self-ordering in a dendritic structure. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 12284-99	16.4	119
233	Lanthanide ion and tetrathiafulvalene-based ligand as a "magic" couple toward luminescence, single molecule magnets, and magnetostructural correlations. <i>Accounts of Chemical Research</i> , <b>2015</b> , 48, 2834-42	24.3	118
232	Very bright europium complexes that stain cellular mitochondria. <i>Chemical Communications</i> , <b>2013</b> , 49, 1600-2	5.8	115
231	Linked sustainability challenges and trade-offs among fisheries, aquaculture and agriculture. <i>Nature Ecology and Evolution</i> , <b>2017</b> , 1, 1240-1249	12.3	113

230	Ytterbium-based bioprobes for near-infrared two-photon scanning laser microscopy imaging. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 6622-5	16.4	113
229	Primary products and mechanistic considerations in alkane metathesis. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 8604-5	16.4	112
228	Synthesis, structural studies, theoretical calculations, and linear and nonlinear optical properties of terpyridyl lanthanide complexes: new evidence for the contribution of f electrons to the NLO activity. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 12243-55	16.4	107
227	Dynamic biogeochemical provinces in the global ocean. <i>Global Biogeochemical Cycles</i> , <b>2013</b> , 27, 1046-1058	5.9	104
226	Design of dipicolinic acid ligands for the two-photon sensitized luminescence of europium complexes with optimized cross-sections. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 10269-79	5.1	101
225	σ-Bond Metathesis of Alkanes on a Silica-Supported Tantalum(V) Alkyl Alkylidene Complex: First Evidence for Alkane Cross-Metathesis. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 2331-2334	16.4	99
224	Two-photon antenna effect induced in octupolar europium complexes. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 2659-65	5.1	96
223	Modeling environmental effects on the size-structured energy flow through marine ecosystems. Part 1: The model. <i>Progress in Oceanography</i> , <b>2007</b> , 74, 479-499	3.8	95
222	d-f heterobimetallic association between ytterbium and ruthenium carbon-rich complexes: redox commutation of near-IR luminescence. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 6174-6	16.4	94
221	Aza-boron-dipyrromethene dyes: TD-DFT benchmarks, spectral analysis and design of original near-IR structures. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 157-64	3.6	92
220	On the Computation of Adiabatic Energies in Aza-Boron-Dipyrromethene Dyes. <i>Journal of Chemical Theory and Computation</i> , <b>2012</b> , 8, 3303-13	6.4	91
219	Spatial and body-size dependent response of marine pelagic communities to projected global climate change. <i>Global Change Biology</i> , <b>2015</b> , 21, 154-64	11.4	83
218	Near-infrared nitrofluorene substituted aza-Boron-dipyrromethenes dyes. <i>Organic Letters</i> , <b>2011</b> , 13, 22-56.2		81
217	Comparative analysis of conjugated alkynyl chromophore-triazacyclononane ligands for sensitized emission of europium and terbium. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 8636-46	4.8	80
216	Luminescence and single-molecule magnet behavior in lanthanide complexes involving a tetrathiafulvalene-fused dipyrrophenazine ligand. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 5384-97	5.1	79
215	Indian Ocean Dipole and El Niño/Southern Oscillation impacts on regional chlorophyll anomalies in the Indian Ocean. <i>Biogeosciences</i> , <b>2013</b> , 10, 6677-6698	4.6	78
214	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> , <b>2009</b> , 15, 9686-96	4.8	78
213	Millisecond lifetime imaging with a europium complex using a commercial confocal microscope under one or two-photon excitation. <i>Chemical Science</i> , <b>2014</b> , 5, 3475-3485	9.4	76

212	Tetrathiafulvalene-amido-2-pyridine-N-oxide as efficient charge-transfer antenna ligand for the sensitization of Yb(III) luminescence in a series of lanthanide paramagnetic coordination complexes. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 11926-41	4.8	75
211	Supramolecular Octupolar Self-Ordering Towards Nonlinear Optics. <i>Advanced Materials</i> , <b>2001</b> , 13, 1677-1681	4.8	75
210	Design and synthesis of 4,4'-E-conjugated[2,2']-bipyridines: a versatile class of tunable chromophores and fluorophores. <i>New Journal of Chemistry</i> , <b>2001</b> , 25, 1553-1566	3.6	74
209	Neutral push-pull chromophores for nonlinear optical imaging of cell membranes. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 142-50	3.9	72
208	Two-photon microscopy and spectroscopy of lanthanide bioprobes. <i>ChemPhysChem</i> , <b>2007</b> , 8, 2125-32	3.2	72
207	An overview of APECOSM, a spatialized mass balanced Apex Predators ECOSystem Model to study physiologically structured tuna population dynamics in their ecosystem. <i>Progress in Oceanography</i> , <b>2010</b> , 84, 113-117	3.8	71
206	Terbium(III) Luminescent Complexes as Millisecond-Scale Viscosity Probes for Lifetime Imaging. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 7693-7696	16.4	70
205	Developing integrated models of Southern Ocean food webs: Including ecological complexity, accounting for uncertainty and the importance of scale. <i>Progress in Oceanography</i> , <b>2012</b> , 102, 74-92	3.8	69
204	Twenty-first-century climate change impacts on marine animal biomass and ecosystem structure across ocean basins. <i>Global Change Biology</i> , <b>2019</b> , 25, 459-472	11.4	69
203	Expanding the polymethine paradigm: evidence for the contribution of a bis-dipolar electronic structure. <i>Journal of Physical Chemistry A</i> , <b>2014</b> , 118, 4038-47	2.8	67
202	Photodynamic therapy and two-photon bio-imaging applications of hydrophobic chromophores through amphiphilic polymer delivery. <i>Photochemical and Photobiological Sciences</i> , <b>2011</b> , 10, 1216-25	4.2	67
201	Excited state absorption: a key phenomenon for the improvement of biphotonic based optical limiting at telecommunication wavelengths. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 15299-307	3.6	66
200	A protocol for the intercomparison of marine fishery and ecosystem models: Fish-MIP v1.0. <i>Geoscientific Model Development</i> , <b>2018</b> , 11, 1421-1442	6.3	66
199	A series of tetrathiafulvalene-based lanthanide complexes displaying either single molecule magnet or luminescence-direct magnetic and photo-physical correlations in the ytterbium analogue. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 5978-90	5.1	63
198	Structural diversity in neodymium bipyrimidine compounds with near infrared luminescence: from mono- and binuclear complexes to metal-organic frameworks. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 10398-406	5.1	63
197	Boron Difluoride Curcuminoid Fluorophores with Enhanced Two-Photon Excited Fluorescence Emission and Versatile Living-Cell Imaging Properties. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 5219-32	4.8	62
196	Projecting the impacts of climate change on skipjack tuna abundance and spatial distribution. <i>Global Change Biology</i> , <b>2014</b> , 20, 742-53	11.4	61
195	Modulating the photophysical properties of azamacrocyclic europium complexes with charge-transfer antenna chromophores. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 4987-99	5.1	61

194	A "cyanine-cyanine" salt exhibiting photovoltaic properties. <i>Organic Letters</i> , <b>2009</b> , 11, 4806-9	6.2	60
193	Crystal-structure determination of powdered paramagnetic lanthanide complexes by proton NMR spectroscopy. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 3082-6	16.4	58
192	Towards an acoustic-based coupled observation and modelling system for monitoring and predicting ecosystem dynamics of the open ocean. <i>Fish and Fisheries</i> , <b>2013</b> , 14, 605-615	6	57
191	Biogeography of tuna and billfish communities. <i>Journal of Biogeography</i> , <b>2012</b> , 39, 114-129	4.1	57
190	Nonlinear optical and two-photon absorption properties of octupolar tris(bipyridyl)metal complexes. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 8980-5	2.8	56
189	Near-IR Two Photon Microscopy Imaging of Silica Nanoparticles Functionalized with Isolated Sensitized Yb(III) Centers. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 1062-1073	9.6	53
188	All-optical orientation of photoisomerizable octupolar zinc(II) complexes in polymer films. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 8386-7	16.4	51
187	From individuals to populations to communities: a dynamic energy budget model of marine ecosystem size-spectrum including life history diversity. <i>Journal of Theoretical Biology</i> , <b>2013</b> , 324, 52-71	2.3	50
186	Near infrared two photon imaging using a bright cationic Yb(III) bioprobe spontaneously internalized into live cells. <i>Chemical Communications</i> , <b>2017</b> , 53, 6005-6008	5.8	49
185	Unexpected Efficiency of a Luminescent Samarium(III) Complex for Combined Visible and Near-Infrared Biphonic Microscopy. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17757-61	4.8	49
184	Versatility of silica used as a ligand: effect of thermal treatments of silica on the nature of silica-supported alkyl tantalum species. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 593-594, 96-100	2.3	49
183	Magnetic and photo-physical investigations into Dy(III) and Yb(III) complexes involving tetrathiafulvalene ligand. <i>Inorganic Chemistry Frontiers</i> , <b>2015</b> , 2, 1105-1117	6.8	48
182	Transparent plasmonic nanocontainers protect organic fluorophores against photobleaching. <i>Nano Letters</i> , <b>2011</b> , 11, 2043-7	11.5	48
181	4-(2-Tetrathiafulvalenyl-ethenyl)pyridine (TTF-CH=CH-Py) radical cation salts containing poly(beta-diketonate) rare earth complexes: synthesis, crystal structure, photoluminescent and magnetic properties. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 7421-9	5.1	48
180	Unraveling the crystal structure of lanthanide-murexide complexes: use of an ancient complexometry indicator as a near-infrared-emitting single-ion magnet. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 1569-76	4.8	47
179	Local Structures and Heterogeneity of Silica-Supported M(III) Sites Evidenced by EPR, IR, NMR, and Luminescence Spectroscopies. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 8855-8867	16.4	46
178	Alkylation Effects in Lanthanide Complexes Involving Tetrathiafulvalene Chromophores: Experimental and Theoretical Correlation between Magnetism and Near-Infrared Emission. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 69-82	2.3	46
177	In solution sensitization of Er(III) luminescence by the 4-tetrathiafulvalene-2,6-pyridinedicarboxylic acid dimethyl antenna ligand. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 978-84	5.1	46

176	Thiophene-substituted aza-bodipy as a strategic synthon for the design of near-infrared dyes. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 768	3.6	46
175	Isotopically enriched polymorphs of dysprosium single molecule magnets. <i>Chemical Communications</i> , <b>2017</b> , 53, 3575-3578	5.8	45
174	Chiroporphyrins: An Approach to Asymmetric Catalysts with Stereocenters Near the Plane of the Porphyrin Ring. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 220-223		45
173	Evaluating the Potential Impacts of the Diurnal Vertical Migration by Marine Organisms on Marine Biogeochemistry. <i>Global Biogeochemical Cycles</i> , <b>2018</b> , 32, 1622-1643	5.9	45
172	On the sensitivity of f electrons to their chemical environment. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 2180-3	16.4	44
171	New paramagnetic ruthenium complexes via one-electron reduction of metallacumulenes. <i>Chemical Communications</i> , <b>2001</b> , 373-374	5.8	43
170	New bipyridyl ligands bearing azo- and imino-linked chromophores. Synthesis and nonlinear optical studies of related dipolar zinc complexes. <i>Chemical Communications</i> , <b>1999</b> , 2521-2522	5.8	43
169	Bright Luminescent Silica Nanoparticles for Two-Photon Microscopy Imaging via Controlled Formation of 4,4'-Diethylaminostyryl-2,2'-bipyridine Zn(II) Surface Complexes. <i>Chemistry of Materials</i> , <b>2011</b> , 23, 3228-3236	9.6	42
168	Metathesis of Alkanes: Evidence for Degenerate Metathesis of Ethane over a Silica-Supported Tantalum Hydride Prepared by Surface Organometallic Chemistry. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 1952-1955	16.4	42
167	Lanthanide dinuclear complexes involving tetrathiafulvalene-3-pyridine-N-oxide ligand: semiconductor radical salt, magnetic, and photophysical studies. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 1398-408 <sup>5.1</sup>		41
166	Modeling environmental effects on the size-structured energy flow through marine ecosystems. Part 2: Simulations. <i>Progress in Oceanography</i> , <b>2007</b> , 74, 500-514	3.8	41
165	High nuclearity complexes of lanthanide involving tetrathiafulvalene ligands: structural, magnetic, and photophysical properties. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 1610-20	5.1	39
164	A dynamic and mechanistic model of PCB bioaccumulation in the European hake ( <i>Merluccius merluccius</i> ). <i>Journal of Sea Research</i> , <b>2009</b> , 62, 124-134	1.9	39
163	Protein crystallography through supramolecular interactions between a lanthanide complex and arginine. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 3388-91	16.4	39
162	EFFICIENT SYNTHESIS OF NEW NITROGEN DONOR CONTAINING TRIPODS UNDER MICROWAVE IRRADIATION AND WITHOUT SOLVENT. <i>Synthetic Communications</i> , <b>2001</b> , 31, 1315-1321	1.7	39
161	Crystallophore: a versatile lanthanide complex for protein crystallography combining nucleating effects, phasing properties, and luminescence. <i>Chemical Science</i> , <b>2017</b> , 8, 5909-5917	9.4	38
160	NIR electrochemical fluorescence switching from polymethine dyes. <i>Chemical Science</i> , <b>2014</b> , 5, 1538-1544	4.4	38
159	Coupling low and high trophic levels models: Towards a pathways-orientated approach for end-to-end models. <i>Progress in Oceanography</i> , <b>2010</b> , 84, 105-112	3.8	38



158	First lanthanide dipolar complexes for second-order nonlinear optics. <i>Chemical Communications</i> , <b>2004</b> , 2180-1	5.8	38
157	Modelling the community size-spectrum: recent developments and new directions. <i>Ecological Modelling</i> , <b>2016</b> , 337, 4-14	3	37
156	An improved singlet oxygen sensitizer with two-photon absorption and emission in the biological transparency window as a result of ground state symmetry-breaking. <i>Chemical Communications</i> , <b>2012</b> , 48, 1689-91	5.8	37
155	Synthesis, structures, optical properties, and TD-DFT studies of donor- $\pi$ -conjugated dipicolinic acid/ester/amide ligands. <i>Tetrahedron</i> , <b>2008</b> , 64, 399-411	2.4	36
154	Crystal structure of pb9, the distal tail protein of bacteriophage T5: a conserved structural motif among all siphophages. <i>Journal of Virology</i> , <b>2014</b> , 88, 820-8	6.6	35
153	Modeling fish population movements: from an individual-based representation to an advection-diffusion equation. <i>Journal of Theoretical Biology</i> , <b>2007</b> , 247, 837-48	2.3	35
152	Synthesis of a highly thermally stable octupolar polyimide for nonlinear optics. <i>Chemical Communications</i> , <b>2001</b> , 2430-1	5.8	35
151	Cationic Two-Photon Lanthanide Bioprobes Able to Accumulate in Live Cells. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 7020-5	5.1	35
150	Influence of mesoscale eddies on biological production in the Mozambique Channel: Several contrasted examples from a coupled ocean-biogeochemistry model. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2014</b> , 100, 79-93	2.3	34
149	Pyclen-Based Ln(III) Complexes as Highly Luminescent Bioprobes for and One- and Two-Photon Bioimaging Applications. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 10184-10197	16.4	33
148	Lanthanide Sensitization with Ruthenium Carbon-Rich Complexes and Redox Commutation of Near-IR Luminescence. <i>Organometallics</i> , <b>2014</b> , 33, 4824-4835	3.8	33
147	Biocompatible well-defined chromophore-polymer conjugates for photodynamic therapy and two-photon imaging. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 61-67	4.9	33
146	Stable near-infrared anionic polymethine dyes: structure, photophysical, and redox properties. <i>Organic Letters</i> , <b>2008</b> , 10, 4159-62	6.2	33
145	Two-photon multiplexing bio-imaging using a combination of Eu- and Tb-bioprobes. <i>Dalton Transactions</i> , <b>2015</b> , 44, 4918-24	4.3	32
144	Magnetic Studies of Redox-Active Tetrathiafulvalene-Based Complexes: Dysprosium vs. Ytterbium Analogues. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 3888-3894	2.3	32
143	From shared socio-economic pathways (SSPs) to oceanic system pathways (OSPs): Building policy-relevant scenarios for global oceanic ecosystems and fisheries. <i>Global Environmental Change</i> , <b>2017</b> , 45, 203-216	10.1	32
142	New 4,4'-oligophenylenevinylene functionalized-[2,2']-bipyridyl chromophores: synthesis, optical and thermal properties. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 125-128	2	32
141	Influence of the metal ion on the two-photon absorption properties of lanthanide complexes including near-IR emitters. <i>ChemPhysChem</i> , <b>2013</b> , 14, 3361-7	3.2	31

140	Magnetic Memory from Site Isolated Dy(III) on Silica Materials. <i>ACS Central Science</i> , <b>2017</b> , 3, 244-249	16.8	30
139	One-Photon Near-Infrared Sensitization of Well-Defined Yb(III) Surface Complexes for NIR-to-NIR Single Nanoparticle Imaging. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 2033-2039	9.6	30
138	Sensitization of Eu(III) luminescence by donor-phenylethynyl-functionalized DTPA and DO3A macrocycles. <i>Comptes Rendus Chimie</i> , <b>2010</b> , 13, 681-690	2.7	30
137	New Star-Shaped Metallo-Polymeric Chromophores. <i>Macromolecular Rapid Communications</i> , <b>2003</b> , 24, 630-635	4.8	29
136	Diastereoselective Homochiral Self-Assembly Between Anions and Cation in Solution. <i>European Journal of Inorganic Chemistry</i> , <b>2001</b> , 2001, 201-204	2.3	29
135	Keto-polymethines: a versatile class of dyes with outstanding spectroscopic properties for and two-photon microscopy imaging. <i>Chemical Science</i> , <b>2017</b> , 8, 381-394	9.4	27
134	Design of Near-Infrared-Absorbing Unsymmetrical Polymethine Dyes with Large Quadratic Hyperpolarizabilities. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 3410-3418	9.6	26
133	Archaeal acetoacetyl-CoA thiolase/HMG-CoA synthase complex channels the intermediate via a fused CoA-binding site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 3380-3385	11.5	26
132	Efficient hybrid materials for optical power limiting at telecommunication wavelengths. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 5105	7.1	26
131	Effects of the metal center and substituting groups on the linear and nonlinear optical properties of substituted styryl-bipyridine metal(II) dichloride complexes: DFT and TDDFT computational investigations and harmonic light scattering measurements. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 5122-5130	2.8	26
130	SHADYS (Simulateur halieutique de dynamiques spatiales), a GIS based numerical model of fisheries. Example application: The study of a marine protected area. <i>Aquatic Living Resources</i> , <b>1999</b> , 12, 77-88	1.5	26
129	Metallopinacolate Intermediates in the Reductive Coupling of Acetone Promoted by Uranium Reagents. <i>Angewandte Chemie International Edition in English</i> , <b>1996</b> , 35, 1129-1130		24
128	Modulation of Eu(III) and Yb(III) Luminescence Using a DTE Photochromic Ligand. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 12635-12643	5.1	24
127	NIR Electrofluorochromic Properties of Aza-Boron-dipyrromethene Dyes. <i>Scientific Reports</i> , <b>2016</b> , 6, 18867	4.7	24
126	Twisted Charge-Transfer Antennae for Ultra-Bright Terbium(III) and Dysprosium(III) Bioprobes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 3408-3412	4.8	23
125	Light-induced self-written waveguide fabrication using 1550 nm laser light. <i>Optics Letters</i> , <b>2017</b> , 42, 2236-2238	3	23
124	Modelling the effect of marine protected areas on the population of skipjack tuna in the Indian Ocean. <i>Aquatic Living Resources</i> , <b>2013</b> , 26, 171-178	1.5	23
123	Synthesis of chromophores combining second harmonic generation and two photon induced fluorescence properties. <i>Chemical Communications</i> , <b>2006</b> , 4744-6	5.8	23



122	The multicatalytic compartment of propionyl-CoA synthase sequesters a toxic metabolite. <i>Nature Chemical Biology</i> , <b>2018</b> , 14, 1127-1132	11.7	23
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