

Olivier Maury

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	NIR-to-NIR two-photon bio-imaging using very bright tailored amino-heptamethines dyes. <i>Dyes and Pigments</i> , 2022 , 203, 110369	4.6	0
246	Tuning Excited-State Properties of [2.2]Paracyclophane-Based Antennas to Ensure Efficient Sensitization of Lanthanide Ions or Singlet Oxygen Generation. <i>Inorganic Chemistry</i> , 2021 , 60, 16194-16203	5.1	0
245	Solid-State Near-Infrared Circularly Polarized Luminescence from Chiral Yb -Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2021 , 27, 7362-7366	4.8	12
244	Investigation of the K[Fe(CN)]-Mediated Mono- and Bis-Palladium-Catalyzed Cyanation of the Benzothioxanthene Core. <i>Journal of Organic Chemistry</i> , 2021 , 86, 5901-5907	4.2	1
243	Excited State Properties of Lanthanide(III) Complexes with a Nonadentate Bispidine Ligand. <i>Chemistry - A European Journal</i> , 2021 , 27, 10303-10312	4.8	7
242	Chiral Benzothiazole Monofluoroborate Featuring Chiroptical and Oxygen-Sensitizing Properties: Synthesis and Photophysical Studies. <i>Journal of Organic Chemistry</i> , 2021 , 86, 11482-11491	4.2	2
241	Luminescent dysprosium single-molecule magnets made from designed chiral BINOL-derived bisphosphate ligands. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 963-976	6.8	7
240	Solid-state versus solution investigation of a luminescent chiral BINOL-derived bisphosphate single-molecule magnet. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 947-962	6.8	5
239	Benzothiadiazole-Substituted Aza-BODIPY Dyes: Two-Photon Absorption Enhancement for Improved Optical Limiting Performances in the Short-Wave IR Range. <i>Chemistry - A European Journal</i> , 2021 , 27, 3517-3525	4.8	2
238	Luminescence, chiroptical, magnetic and ab initio crystal-field characterizations of an enantiopure helicoidal Yb(III) complex. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 914-926	6.8	13
237	Design of polyazamacrocyclic Gd ³⁺ theranostic agents combining magnetic resonance imaging and two-photon photodynamic therapy. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 2213-2224	6.8	2
236	Exploring the Concept of Dimerization-Induced Intersystem Crossing: At the Origins of Spin-Orbit Coupling Selection Rules. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 8572-8580	3.4	2
235	Influence of Divalent Cations in the Protein Crystallization Process Assisted by Lanthanide-Based Additives. <i>Inorganic Chemistry</i> , 2021 , 60, 15208-15214	5.1	0
234	Near-infrared dyes for two-photon absorption in the short-wavelength infrared: strategies towards optical power limiting. <i>Chemical Society Reviews</i> , 2021 , 50, 6613-6658	58.5	22
233	Capturing the dynamic association between a tris-dipicolinate lanthanide complex and a decapeptide: a combined paramagnetic NMR and molecular dynamics exploration. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 11224-11232	3.6	1
232	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> , 2020 , 142, 10184-10197	16.4	33
231	Efficient Photomodulation of Visible Eu(III) and Invisible Yb(III) Luminescences using DTE Photochromic Ligands for Optical Encryption. <i>Advanced Functional Materials</i> , 2020 , 30, 2002943	15.6	19

230	Efficient luminescence control in dithienylethene functionalized cyclen macrocyclic lanthanide complexes. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 2979-2989	6.8	5
229	Regioselective Monohalogenation and Homo/Hetero Dihalogenation of Benzothioxanthene Monoimide. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 2140-2145	3.2	4
228	Cationic Biphotonic Lanthanide Luminescent Bioprobes Based on Functionalized Cross-Bridged Cyclam Macrocycles. <i>ChemPhysChem</i> , 2020 , 21, 1036-1043	3.2	9
227	Poly-halogenated aza-bodipy dyes with improved solubility as a versatile synthetic platform for the design of photonic materials. <i>New Journal of Chemistry</i> , 2020 , 44, 13125-13130	3.6	1
226	Monitoring the Production of High Diffraction-Quality Crystals of Two Enzymes in Real Time Using In Situ Dynamic Light Scattering. <i>Crystals</i> , 2020 , 10, 65	2.3	2
225	Redox-Modulations of Photophysical and Single-molecule Magnet Properties in Ytterbium Complexes Involving Extended-TTF Triads. <i>Molecules</i> , 2020 , 25,	4.8	8
224	Luminescence-Driven Electronic Structure Determination in a Textbook Dimeric Dy -Based Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2020 , 26, 4389-4395	4.8	10
223	Theoretical and experimental investigation on the intersystem crossing kinetics in benzothioxanthene imide luminophores, and their dependence on substituent effects. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 12373-12381	3.6	5
222	Aza-BODIPY Platform: Toward an Efficient Water-Soluble Bimodal Imaging Probe for MRI and Near-Infrared Fluorescence. <i>Inorganic Chemistry</i> , 2020 , 59, 1306-1314	5.1	14
221	Picolinate-appended tacn complexes for bimodal imaging: Radiolabeling, relaxivity, photophysical and electrochemical studies. <i>Journal of Inorganic Biochemistry</i> , 2020 , 205, 110978	4.2	3
220	Nitration of benzothioxanthene: towards a new class of dyes with versatile photophysical properties. <i>New Journal of Chemistry</i> , 2020 , 44, 900-905	3.6	6
219	Tracking Crystallophore Nucleating Properties: Setting Up a Database for Statistical Analysis. <i>Crystal Growth and Design</i> , 2020 , 20, 5322-5329	3.5	1
218	Impact of Ion-Pairing Effects on Linear and Nonlinear Photophysical Properties of Polymethine Dyes*. <i>ChemPhysChem</i> , 2020 , 21, 2536-2542	3.2	5
217	Synthesis, characterization and use of benzothioxanthene imide based dimers. <i>Chemical Communications</i> , 2020 , 56, 10131-10134	5.8	4
216	High-Performance Optical Power Limiting Filters at Telecommunication Wavelengths: When Aza-BODIPY Dyes Bond to SolGel Materials. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 24344-24350	3.8	6
215	Unraveling the Two-Photon and Excited-State Absorptions of Aza-BODIPY Dyes for Optical Power Limiting in the SWIR Band. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 23661-23673	3.8	19
214	Evidencing under-barrier phenomena in a Yb(III) SMM: a joint luminescence/neutron diffraction/SQUID study. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 3152-3157	6.8	14
213	Damage-related protein turnover explains inter-specific patterns of maintenance rate and suggests modifications of the DEB theory. <i>Journal of Sea Research</i> , 2019 , 143, 35-47	1.9	1

212	Synthesis of the New Cyanine-Labeled Bacterial Lipooligosaccharides for Intracellular Imaging and in Vitro Microscopy Studies. <i>Bioconjugate Chemistry</i> , 2019 , 30, 1649-1657	6.3	8
211	Homodinuclear lanthanide 9-anthracenecarboxylate complexes: Field induced SMM and NIR-luminescence. <i>Polyhedron</i> , 2019 , 169, 187-194	2.7	7
210	A "Multi-Heavy-Atom" Approach toward Biphotonic Photosensitizers with Improved Singlet-Oxygen Generation Properties. <i>Chemistry - A European Journal</i> , 2019 , 25, 9026-9034	4.8	22
209	Divalent Thulium Crown Ether Complexes with Field-Induced Slow Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2019 , 58, 2872-2880	5.1	20
208	Protein crystal structure determination with the crystallophore, a nucleating and phasing agent. <i>Journal of Applied Crystallography</i> , 2019 , 52, 722-731	3.8	12
207	Dual Light and Redox Control of NIR Luminescence with Complementary Photochromic and Organometallic Antennae. <i>Journal of the American Chemical Society</i> , 2019 , 141, 20026-20030	16.4	16
206	Helicenic Complexes of Lanthanides: Influence of the f-Element on the Intersystem Crossing Efficiency and Competition between Luminescence and Oxygen Sensitization. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 118-125	2.3	18
205	Twenty-first-century climate change impacts on marine animal biomass and ecosystem structure across ocean basins. <i>Global Change Biology</i> , 2019 , 25, 459-472	11.4	69
204	Design of Near-Infrared-Absorbing Unsymmetrical Polymethine Dyes with Large Quadratic Hyperpolarizabilities. <i>Chemistry of Materials</i> , 2018 , 30, 3410-3418	9.6	26
203	Teaching an old molecule new tricks: evidence and rationalisation of the slow magnetisation dynamics in [DyTp2Acac]. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 1346-1353	6.8	11
202	Twisted Charge-Transfer Antennae for Ultra-Bright Terbium(III) and Dysprosium(III) Bioprobes. <i>Chemistry - A European Journal</i> , 2018 , 24, 3408-3412	4.8	23
201	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> , 2018 , 115, 3380-3385	11.5	26
200	Luminescence and Single-Molecule-Magnet Behaviour in Lanthanide Coordination Complexes Involving Benzothiazole-Based Tetrathiafulvalene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 458-468	2.3	11
199	Dinuclear LnIII Complexes with 9-Anthracenecarboxylate Showing Field-Induced SMM and Visible/NIR Luminescence. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3859-3867	2.3	10
198	Global biogeochemical provinces of the mesopelagic zone. <i>Journal of Biogeography</i> , 2018 , 45, 500-514	4.1	19
197	The multicatalytic compartment of propionyl-CoA synthase sequesters a toxic metabolite. <i>Nature Chemical Biology</i> , 2018 , 14, 1127-1132	11.7	23
196	Evaluating the Potential Impacts of the Diurnal Vertical Migration by Marine Organisms on Marine Biogeochemistry. <i>Global Biogeochemical Cycles</i> , 2018 , 32, 1622-1643	5.9	45
195	Polyanionic Polydentate Europium Complexes as Ultrabright One- or Two-photon Bioprobes. <i>ChemPhysChem</i> , 2018 , 19, 3318	3.2	8

194	Unveiling the Binding Modes of the Crystallophore, a Terbium-based Nucleating and Phasing Molecular Agent for Protein Crystallography. <i>Chemistry - A European Journal</i> , 2018 , 24, 9739-9746	4.8	15
193	Combining a pycnen framework with conjugated antenna for the design of europium and samarium luminescent bioprobes. <i>Chemical Communications</i> , 2018 , 54, 6173-6176	5.8	21
192	A protocol for the intercomparison of marine fishery and ecosystem models: Fish-MIP v1.0. <i>Geoscientific Model Development</i> , 2018 , 11, 1421-1442	6.3	66
191	Lanthanide complexes involving multichelating TTF-based ligands. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 604-617	6.8	18
190	Magnetic Memory from Site Isolated Dy(III) on Silica Materials. <i>ACS Central Science</i> , 2017 , 3, 244-249	16.8	30
189	Divalent Thulium Triflate: A Structural and Spectroscopic Study. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4266-4271	16.4	21
188	Isotopically enriched polymorphs of dysprosium single molecule magnets. <i>Chemical Communications</i> , 2017 , 53, 3575-3578	5.8	45
187	Photophysical and Magnetic Properties in Complexes Containing 3d/4f Elements and Chiral Phenanthroline-Based Helicate-Like Ligands. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 2100-2111	2.3	19
186	Near infrared two photon imaging using a bright cationic Yb(iii) bioprobe spontaneously internalized into live cells. <i>Chemical Communications</i> , 2017 , 53, 6005-6008	5.8	49
185	Crystallophore: a versatile lanthanide complex for protein crystallography combining nucleating effects, phasing properties, and luminescence. <i>Chemical Science</i> , 2017 , 8, 5909-5917	9.4	38
184	Terbium(III) Luminescent Complexes as Millisecond-Scale Viscosity Probes for Lifetime Imaging. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7693-7696	16.4	70
183	Divalent Thulium Triflate: A Structural and Spectroscopic Study. <i>Angewandte Chemie</i> , 2017 , 129, 4330-4335	3.5	7
182	Two-Color Three-State Luminescent Lanthanide Core-Shell Crystals. <i>Chemistry - A European Journal</i> , 2017 , 23, 1784-1788	4.8	10
181	Linked sustainability challenges and trade-offs among fisheries, aquaculture and agriculture. <i>Nature Ecology and Evolution</i> , 2017 , 1, 1240-1249	12.3	113
180	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> , 2017 , 45, 203-216	10.1	32
179	Can schooling regulate marine populations and ecosystems?. <i>Progress in Oceanography</i> , 2017 , 156, 91-103	3.8	10
178	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> , 2017 , 139, 8855-8867	16.4	46
177	Keto-polymethines: a versatile class of dyes with outstanding spectroscopic properties for and two-photon microscopy imaging. <i>Chemical Science</i> , 2017 , 8, 381-394	9.4	27

176	Light-induced self-written waveguide fabrication using 1550 nm laser light. <i>Optics Letters</i> , 2017 , 42, 2236-2238	3	23
175	Food security or economic profitability? Projecting the effects of climate and socioeconomic changes on global skipjack tuna fisheries under three management strategies. <i>Global Environmental Change</i> , 2016 , 41, 1-12	10.1	17
174	Paramagnetic DOSY: An Accurate Tool for the Analysis of the Supramolecular Interactions between Lanthanide Complexes and Proteins. <i>Chemistry - A European Journal</i> , 2016 , 22, 18123-18131	4.8	15
173	Modelling the community size-spectrum: recent developments and new directions. <i>Ecological Modelling</i> , 2016 , 337, 4-14	3	37
172	Natural variability of marine ecosystems inferred from a coupled climate to ecosystem simulation. <i>Journal of Marine Systems</i> , 2016 , 153, 55-66	2.7	10
171	Suppressing and enhancing effects of mesoscale dynamics on biological production in the Mozambique Channel. <i>Journal of Marine Systems</i> , 2016 , 158, 129-139	2.7	10
170	Cationic Two-Photon Lanthanide Bioprobes Able to Accumulate in Live Cells. <i>Inorganic Chemistry</i> , 2016 , 55, 7020-5	5.1	35
169	Boron Difluoride Curcuminoid Fluorophores with Enhanced Two-Photon Excited Fluorescence Emission and Versatile Living-Cell Imaging Properties. <i>Chemistry - A European Journal</i> , 2016 , 22, 5219-32	4.8	62
168	Modulation of Eu(III) and Yb(III) Luminescence Using a DTE Photochromic Ligand. <i>Inorganic Chemistry</i> , 2016 , 55, 12635-12643	5.1	24
167	NIR Electrofluorochromic Properties of Aza-Boron-dipyrromethene Dyes. <i>Scientific Reports</i> , 2016 , 6, 18867	4.7	24
166	NIR-to-NIR Two-Photon Scanning Laser Microscopy Imaging of Single Nanoparticles Doped by Yb(III) Complexes. <i>ChemPhysChem</i> , 2016 , 17, 128-35	3.2	7
165	Effects of lower trophic level biomass and water temperature on fish communities: A modelling study. <i>Progress in Oceanography</i> , 2016 , 146, 22-37	3.8	11
164	Nano-Nonanuclear Mixed-Lanthanide Clusters [Eu ₉ Tbx] Featuring Tunable Dual Luminescence Properties. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3932-3938	2.3	6
163	One-Photon Near-Infrared Sensitization of Well-Defined Yb(III) Surface Complexes for NIR-to-NIR Single Nanoparticle Imaging. <i>Chemistry of Materials</i> , 2015 , 27, 2033-2039	9.6	30
162	Analysis of functional response in presence of schooling phenomena: An IBM approach. <i>Progress in Oceanography</i> , 2015 , 134, 232-243	3.8	10
161	Luminescence and single-molecule magnet behavior in lanthanide complexes involving a tetrathiafulvalene-fused dipyrrophenazine ligand. <i>Inorganic Chemistry</i> , 2015 , 54, 5384-97	5.1	79
160	Magnetic and photo-physical investigations into Dy(III) and Yb(III) complexes involving tetrathiafulvalene ligand. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 1105-1117	6.8	48
159	Lanthanide ion and tetrathiafulvalene-based ligand as a "magic" couple toward luminescence, single molecule magnets, and magnetostructural correlations. <i>Accounts of Chemical Research</i> , 2015 , 48, 2834-42	24.3	118

158	Bis-triazolyl BODIPYs: a simple dye with strong red-light emission. <i>RSC Advances</i> , 2015 , 5, 76342-76345	3.7	5
157	Two-photon multiplexing bio-imaging using a combination of Eu- and Tb-bioprobes. <i>Dalton Transactions</i> , 2015 , 44, 4918-24	4.3	32
156	Unexpected Efficiency of a Luminescent Samarium(III) Complex for Combined Visible and Near-Infrared Biphotonic Microscopy. <i>Chemistry - A European Journal</i> , 2015 , 21, 17757-61	4.8	49
155	Magnetic and Photo-Physical Properties of Lanthanide Dinuclear Complexes Involving the 4,5-Bis(2-Pyridyl-N-Oxidemethylthio)-4',5'-Dicarboxylic Acid-Tetrathiafulvalene-, Dimethyl Ester Ligand. <i>Inorganics</i> , 2015 , 3, 554-572	2.9	1
154	Terpyridine-based heteroditopic ligand for Ru(II)Ln3(III) metallostar architectures (Ln = Gd, Eu, Nd, Yb) with MRI/optical or dual-optical responses. <i>Inorganic Chemistry</i> , 2015 , 54, 1414-25	5.1	17
153	Spatial and body-size dependent response of marine pelagic communities to projected global climate change. <i>Global Change Biology</i> , 2015 , 21, 154-64	11.4	83
152	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> , 2014 , 20, 1569-76	4.8	47
151	NIR electrochemical fluorescence switching from polymethine dyes. <i>Chemical Science</i> , 2014 , 5, 1538-1544	4.4	38
150	Magnetic Studies of Redox-Active Tetrathiafulvalene-Based Complexes: Dysprosium vs. Ytterbium Analogues. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3888-3894	2.3	32
149	Crystal structure of pb9, the distal tail protein of bacteriophage T5: a conserved structural motif among all siphophages. <i>Journal of Virology</i> , 2014 , 88, 820-8	6.6	35
148	Comparative analysis of conjugated alkynyl chromophore-triazacyclononane ligands for sensitized emission of europium and terbium. <i>Chemistry - A European Journal</i> , 2014 , 20, 8636-46	4.8	80
147	Efficient hybrid materials for optical power limiting at telecommunication wavelengths. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 5105	7.1	26
146	Millisecond lifetime imaging with a europium complex using a commercial confocal microscope under one or two-photon excitation. <i>Chemical Science</i> , 2014 , 5, 3475-3485	9.4	76
145	Projecting the impacts of climate change on skipjack tuna abundance and spatial distribution. <i>Global Change Biology</i> , 2014 , 20, 742-53	11.4	61
144	Lanthanide Sensitization with Ruthenium Carbon-Rich Complexes and Redox Commutation of Near-IR Luminescence. <i>Organometallics</i> , 2014 , 33, 4824-4835	3.8	33
143	Near-IR Two Photon Microscopy Imaging of Silica Nanoparticles Functionalized with Isolated Sensitized Yb(III) Centers. <i>Chemistry of Materials</i> , 2014 , 26, 1062-1073	9.6	53
142	Expanding the polymethine paradigm: evidence for the contribution of a bis-dipolar electronic structure. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 4038-47	2.8	67
141	Design and synthesis of europium luminescent bio-probes featuring sulfobetaine moieties. <i>Tetrahedron Letters</i> , 2014 , 55, 1357-1361	2	18

140	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> , 2014 , 100, 79-93	2.3	34
139	Concise multigram-scale synthesis of push-pull tricyanofuran-based hemicyanines with giant second-order nonlinearity: an alternative for electro-optic materials. <i>Chemistry - A European Journal</i> , 2014 , 20, 8909-13	4.8	10
138	Two-photon Absorption of Lanthanide Complexes: from Fundamental Aspects to Biphotonic Imaging Applications 2014 , 197-230		7
137	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> , 2014 , 2014, 69-82	2.3	46
136	Quenching of Fluorescence in Bodipy-Derived Trifluoromethyl Enaminone Ligands upon Coordination to Copper(II). <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 6185-6195	2.3	14
135	Unprecedented sensitization of visible and near-infrared lanthanide luminescence by using a tetrathiafulvalene-based chromophore. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 2814-25	4.5	19
134	Towards an acoustic-based coupled observation and modelling system for monitoring and predicting ecosystem dynamics of the open ocean. <i>Fish and Fisheries</i> , 2013 , 14, 605-615	6	57
133	Influence of the metal ion on the two-photon absorption properties of lanthanide complexes including near-IR emitters. <i>ChemPhysChem</i> , 2013 , 14, 3361-7	3.2	31
132	Climate impacts and oceanic top predators: moving from impacts to adaptation in oceanic systems. <i>Reviews in Fish Biology and Fisheries</i> , 2013 , 23, 537-546	6	22
131	A multidimensional approach to the analysis of chemical shift titration experiments in the frame of a multiple reaction scheme. <i>Magnetic Resonance in Chemistry</i> , 2013 , 51, 641-8	2.1	3
130	Biocompatible well-defined chromophore-polymer conjugates for photodynamic therapy and two-photon imaging. <i>Polymer Chemistry</i> , 2013 , 4, 61-67	4.9	33
129	Exploration of the supramolecular interactions involving tris-dipicolinate lanthanide complexes in protein crystals by a combined biostructural, computational and NMR study. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 18235-42	3.6	9
128	A redox-active luminescent ytterbium based single molecule magnet. <i>Chemical Communications</i> , 2013 , 49, 615-7	5.8	162
127	A global science-policy partnership for progress toward sustainability of oceanic ecosystems and fisheries. <i>Current Opinion in Environmental Sustainability</i> , 2013 , 5, 314-319	7.2	15
126	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> , 2013 , 324, 52-71	2.3	50
125	High nuclearity complexes of lanthanide involving tetrathiafulvalene ligands: structural, magnetic, and photophysical properties. <i>Inorganic Chemistry</i> , 2013 , 52, 1610-20	5.1	39
124	Very bright europium complexes that stain cellular mitochondria. <i>Chemical Communications</i> , 2013 , 49, 1600-2	5.8	115
123	Two-photon excited luminescence of lanthanide complex in monolithic sol-gel hybrid material. <i>Journal of Luminescence</i> , 2013 , 133, 175-179	3.8	3

122	Lanthanide dinuclear complexes involving tetrathiafulvalene-3-pyridine-N-oxide ligand: semiconductor radical salt, magnetic, and photophysical studies. <i>Inorganic Chemistry</i> , 2013 , 52, 1398-408 ^{5.1}	41
121	Symmetry loss of heptamethine cyanines: an example of dipole generation by ion-pairing effect 2013 ,	1
120	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> , 2013 , 52, 5978-90	5.1 63
119	JEAI-MOCAs: A multi-institutional initiative to build marine research capacity in Mozambique. <i>South African Journal of Science</i> , 2013 , 109, 1-2	1.3
118	The true challenge of giant marine reserves. <i>Science</i> , 2013 , 340, 810-1	33.3 19
117	Modelling the effect of marine protected areas on the population of skipjack tuna in the Indian Ocean. <i>Aquatic Living Resources</i> , 2013 , 26, 171-178	1.5 23
116	Dynamic biogeochemical provinces in the global ocean. <i>Global Biogeochemical Cycles</i> , 2013 , 27, 1046-1058	5.9 104
115	Indian Ocean Dipole and El Niño/Southern Oscillation impacts on regional chlorophyll anomalies in the Indian Ocean. <i>Biogeosciences</i> , 2013 , 10, 6677-6698	4.6 78
114	Developing integrated models of Southern Ocean food webs: Including ecological complexity, accounting for uncertainty and the importance of scale. <i>Progress in Oceanography</i> , 2012 , 102, 74-92	3.8 69
113	Influence of bromine substitution pattern on the singlet oxygen generation efficiency of two-photon absorbing chromophores. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 6275-8	3.9 17
112	Aza-boron-dipyrromethene dyes: TD-DFT benchmarks, spectral analysis and design of original near-IR structures. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 157-64	3.6 92
111	Water-soluble chromophores with star-shaped oligomeric arms: synthesis, spectroscopic studies and first results in bio-imaging and cell death induction. <i>New Journal of Chemistry</i> , 2012 , 36, 2328	3.6 20
110	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> , 2012 , 48, 1689-91	5.8 37
109	Excited state absorption: a key phenomenon for the improvement of biphotonic based optical limiting at telecommunication wavelengths. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 15299-307	3.6 66
108	In solution sensitization of Er(III) luminescence by the 4-tetrathiafulvalene-2,6-pyridinedicarboxylic acid dimethyl antenna ligand. <i>Inorganic Chemistry</i> , 2012 , 51, 978-84	5.1 46
107	Thiophene-substituted aza-bodipy as a strategic synthon for the design of near-infrared dyes. <i>New Journal of Chemistry</i> , 2012 , 36, 768	3.6 46
106	Charge transfer excited states sensitization of lanthanide emitting from the visible to the near-infra-red. <i>Coordination Chemistry Reviews</i> , 2012 , 256, 1604-1620	23.2 210
105	Modelling the skipjack tuna dynamics in the Indian Ocean with APECOSM-E: Part 1. Model formulation. <i>Ecological Modelling</i> , 2012 , 245, 41-54	3 22

104	Modelling the skipjack tuna dynamics in the Indian Ocean with APECOSM-E [Part 2: Parameter estimation and sensitivity analysis. <i>Ecological Modelling</i> , 2012 , 245, 55-64	3	16
103	On the Computation of Adiabatic Energies in Aza-Boron-Dipyrromethene Dyes. <i>Journal of Chemical Theory and Computation</i> , 2012 , 8, 3303-13	6.4	91
102	Lanthanide-Based Dinuclear Complexes Involving an o-Quinone π -Tetrathiafulvalene π -Quinone Bridging Ligand: X-ray Structures, Magnetic and Photophysical Properties. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 4708-4718	2.3	21
101	Ytterbium-Based Bioprobes for Near-Infrared Two-Photon Scanning Laser Microscopy Imaging. <i>Angewandte Chemie</i> , 2012 , 124, 6726-6729	3.6	15
100	Ytterbium-based bioprobes for near-infrared two-photon scanning laser microscopy imaging. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6622-5	16.4	113
99	Biogeography of tuna and billfish communities. <i>Journal of Biogeography</i> , 2012 , 39, 114-129	4.1	57
98	Doped silica nanoparticles containing two-photon luminescent Eu(III) complexes for the development of water stable bio-labels. <i>Journal of Materials Chemistry</i> , 2011 , 21, 18613		19
97	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> , 2011 , 23, 3228-3236	9.6	42
96	Two-photon absorbing chromophores for photodynamic therapy: molecular engineering and in vivo applications 2011 ,		2
95	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> , 2011 , 133, 6174-6	16.4	94
94	Photodynamic therapy and two-photon bio-imaging applications of hydrophobic chromophores through amphiphilic polymer delivery. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1216-25	4.2	67
93	Near-infrared nitrofluorene substituted aza-Boron-dipyrromethenes dyes. <i>Organic Letters</i> , 2011 , 13, 22-56.2		81
92	Modulating the photophysical properties of azamacrocyclic europium complexes with charge-transfer antenna chromophores. <i>Inorganic Chemistry</i> , 2011 , 50, 4987-99	5.1	61
91	Using lanthanoid complexes to phase large macromolecular assemblies. <i>Journal of Synchrotron Radiation</i> , 2011 , 18, 74-8	2.4	11
90	Transparent plasmonic nanocontainers protect organic fluorophores against photobleaching. <i>Nano Letters</i> , 2011 , 11, 2043-7	11.5	48
89	Synthesis and optical properties of dyes encapsulated in gold hollow nanoshells. <i>Optical Materials</i> , 2011 , 33, 1377-1381	3.3	13
88	Metal-Based Quadratic Nonlinear Optical Materials 2010 , 1-59		22
87	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> , 2010 , 114, 5429-38	2.8	26

86	Revisiting the Metathesis of ¹³ C-Monolabeled Ethane. <i>Organometallics</i> , 2010 , 29, 6612-6614	3.8	13
85	Continuous symmetry breaking induced by ion pairing effect in heptamethine cyanine dyes: beyond the cyanine limit. <i>Journal of the American Chemical Society</i> , 2010 , 132, 4328-35	16.4	120
84	Neutral push-pull chromophores for nonlinear optical imaging of cell membranes. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 142-50	3.9	72
83	Coupling low and high trophic levels models: Towards a pathways-orientated approach for end-to-end models. <i>Progress in Oceanography</i> , 2010 , 84, 105-112	3.8	38
82	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> , 2010 , 84, 113-117	3.8	71
81	CLimate Impacts on Oceanic TOp Predators (CLIOTOP): Introduction to the Special Issue of the CLIOTOP International Symposium, La Paz, Mexico, 3 rd December 2007. <i>Progress in Oceanography</i> , 2010 , 86, 1-7	3.8	15
80	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> , 2010 , 16, 11926-41	4.8	75
79	Sensitization of Eu(III) luminescence by donor-phenylethynyl-functionalized DTPA and DO3A macrocycles. <i>Comptes Rendus Chimie</i> , 2010 , 13, 681-690	2.7	30
78	A dipicolinate lanthanide complex for solving protein structures using anomalous diffraction. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010 , 66, 762-9		18
77	Two-Photon Absorption-Related Properties of Functionalized BODIPY Dyes in the Infrared Range up to Telecommunication Wavelengths. <i>Advanced Materials</i> , 2009 , 21, 1151-1154	24	126
76	Crystal-Structure Determination of Powdered Paramagnetic Lanthanide Complexes by Proton NMR Spectroscopy. <i>Angewandte Chemie</i> , 2009 , 121, 3128-3132	3.6	4
75	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, 9686-96	4.8	78
74	Lanthanide Complexes for Nonlinear Optics: From Fundamental Aspects to Applications. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4357-4371	2.3	133
73	Crystal-structure determination of powdered paramagnetic lanthanide complexes by proton NMR spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3082-6	16.4	58
72	A dynamic and mechanistic model of PCB bioaccumulation in the European hake (<i>Merluccius merluccius</i>). <i>Journal of Sea Research</i> , 2009 , 62, 124-134	1.9	39
71	A "cyanine-cyanine" salt exhibiting photovoltaic properties. <i>Organic Letters</i> , 2009 , 11, 4806-9	6.2	60
70	Design of near-infrared dyes for nonlinear optics: toward optical limiting applications at telecommunication wavelengths 2009 ,		3
69	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> , 2009 , 48, 7421-9	5.1	48

68	Dendron-decorated cyanine dyes for optical limiting applications in the range of telecommunication wavelengths. <i>New Journal of Chemistry</i> , 2009 , 33, 964	3.6	18
67	Diastereoselective supramolecular ion-pairing between the TRISPHAT anion and pro-chiral heptamethine cyanine dyes. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 3086	3.9	13
66	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> , 2008 , 130, 1532-3	16.4	268
65	Stable near-infrared anionic polymethine dyes: structure, photophysical, and redox properties. <i>Organic Letters</i> , 2008 , 10, 4159-62	6.2	33
64	Efficient sensitization of europium, ytterbium, and neodymium functionalized tris-dipicolinate lanthanide complexes through tunable charge-transfer excited states. <i>Inorganic Chemistry</i> , 2008 , 47, 10258-68	5.1	161
63	Design of dipicolinic acid ligands for the two-photon sensitized luminescence of europium complexes with optimized cross-sections. <i>Inorganic Chemistry</i> , 2008 , 47, 10269-79	5.1	101
62	On the sensitivity of f electrons to their chemical environment. <i>Journal of the American Chemical Society</i> , 2008 , 130, 2180-3	16.4	44
61	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, 10398-406	5.1	63
60	Near IR two photon absorption of cyanines dyes: application to optical power limiting at telecommunication wavelengths 2008 ,		3
59	Protein crystallography through supramolecular interactions between a lanthanide complex and arginine. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3388-91	16.4	39
58	Protein Crystallography through Supramolecular Interactions between a Lanthanide Complex and Arginine. <i>Angewandte Chemie</i> , 2008 , 120, 3436-3439	3.6	11
57	Guanidinium as powerful cation for the design of lanthanate tris-dipicolinate crystalline materials: Synthesis, structure and photophysical properties. <i>Optical Materials</i> , 2008 , 30, 1682-1688	3.3	20
56	Synthesis, structures, optical properties, and TD-DFT studies of donor- π -conjugated dipicolinic acid/ester/amide ligands. <i>Tetrahedron</i> , 2008 , 64, 399-411	2.4	36
55	Tricaesium tris-(pyridine-2,6-dicarboxylato- μ -D,N,O)lutetium(III) octa-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, m1280-1		1
54	Near IR Nonlinear Absorbing Chromophores with Optical Limiting Properties at Telecommunication Wavelengths. <i>Chemistry of Materials</i> , 2007 , 19, 5325-5335	9.6	130
53	Role of spatial distortions on the quadratic nonlinear optical properties of octupolar organic and metallo-organic molecules. <i>Journal of Chemical Physics</i> , 2007 , 126, 034312	3.9	18
52	Two-photon microscopy and spectroscopy of lanthanide bioprobes. <i>ChemPhysChem</i> , 2007 , 8, 2125-32	3.2	72
51	New bichromophoric-2,2'-bipyridines: synthesis and optical properties. <i>Tetrahedron Letters</i> , 2007 , 48, 1229-1232	2	9

50	Modeling environmental effects on the size-structured energy flow through marine ecosystems. Part 2: Simulations. <i>Progress in Oceanography</i> , 2007 , 74, 500-514	3.8	41
49	Modeling environmental effects on the size-structured energy flow through marine ecosystems. Part 1: The model. <i>Progress in Oceanography</i> , 2007 , 74, 479-499	3.8	95
48	Modeling fish population movements: from an individual-based representation to an advection-diffusion equation. <i>Journal of Theoretical Biology</i> , 2007 , 247, 837-48	2.3	35
47	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> , 2007 , 83, 60-72	2.3	137
46	Nonlinear optical and two-photon absorption properties of octupolar tris(bipyridyl)metal complexes. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 8980-5	2.8	56
45	Two-photon antenna effect induced in octupolar europium complexes. <i>Inorganic Chemistry</i> , 2007 , 46, 2659-65	5.1	96
44	Photoisomerizable bipyridine ligands and macroligands: absorption, photoisomerization properties and theoretical study. <i>ChemPhysChem</i> , 2006 , 7, 644-57	3.2	7
43	Optically Tunable Nonlinearities in Polymers Based on Photoisomerizable Metal-Based Coordination Complexes. <i>Advanced Functional Materials</i> , 2006 , 16, 2252-2262	15.6	17
42	Design of pyridine-dicarboxamide ligands for the sensitization of europium(III) by two photon antenna effect 2006 , 6401, 75		
41	Synthesis of chromophores combining second harmonic generation and two photon induced fluorescence properties. <i>Chemical Communications</i> , 2006 , 4744-6	5.8	23
40	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> , 2006 , 128, 12243-55	16.4	107
39	Supramolecular Solid-State Interactions between Helicene-like Terpyridinium Cation and Tris(tetrachloro-benzenediolato)phosphate(V) (TRISPHAT) Anion. <i>Crystal Growth and Design</i> , 2006 , 6, 1493-1496	3.5	11
38	Primary products and mechanistic considerations in alkane metathesis. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8604-5	16.4	112
37	Molecular engineering of octupolar NLO molecules and materials based on bipyridyl metal complexes. <i>Accounts of Chemical Research</i> , 2005 , 38, 691-704	24.3	261
36	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> , 2005 , 127, 13474-5	16.4	123
35	Self-ordered dendrimers based on multi-octupolar ruthenium complexes for quadratic nonlinear optics. <i>Journal of Luminescence</i> , 2005 , 111, 307-314	3.8	8
34	A multi-region nonlinear age-size structured fish population model. <i>Nonlinear Analysis: Real World Applications</i> , 2005 , 6, 447-460	2.1	5
33	Synthesis of star-shaped metallo-polymeric chromophores by atom transfer radical polymerization. <i>Comptes Rendus Chimie</i> , 2005 , 8, 1298-1307	2.7	13

32	Supramolecular associations of anionic and cationic octupoles. <i>Comptes Rendus Chimie</i> , 2005 , 8, 1243-1248		8
31	An advection-diffusion-reaction size-structured fish population dynamics model combined with a statistical parameter estimation procedure: application to the Indian ocean skipjack tuna fishery. <i>Mathematical Biosciences and Engineering</i> , 2005 , 2, 719-41	2.1	10
30	Synthesis, linear, and quadratic-nonlinear optical properties of octupolar D3 and D2d bipyridyl metal complexes. <i>Chemistry - A European Journal</i> , 2004 , 10, 4454-66	4.8	146
29	New 4,4'-oligophenylenevinylene functionalized-[2,2']-bipyridyl chromophores: synthesis, optical and thermal properties. <i>Tetrahedron Letters</i> , 2004 , 45, 125-128	2	32
28	All-optical orientation of photoisomerizable octupolar zinc(II) complexes in polymer films. <i>Journal of the American Chemical Society</i> , 2004 , 126, 8386-7	16.4	51
27	First lanthanide dipolar complexes for second-order nonlinear optics. <i>Chemical Communications</i> , 2004 , 2180-1	5.8	38
26	New Star-Shaped Metallo-Polymeric Chromophores. <i>Macromolecular Rapid Communications</i> , 2003 , 24, 630-635	4.8	29
25	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> , 2003 , 125, 12284-99	16.4	119
24	Hydroxy-Functionalized Bipyridine and Tris(bipyridine)metal Chromophores: Synthesis and Optical Properties. <i>European Journal of Organic Chemistry</i> , 2002 , 2002, 3024-3033	3.2	22
23	Coordination chemistry for nonlinear optics: a powerful tool for the design of octupolar molecules and supramolecules. <i>Journal of Optics</i> , 2002 , 4, S189-S196		22
22	Zinc(II) as a versatile template for the design of dipolar and octupolar NLO-phores. <i>Journal of the American Chemical Society</i> , 2002 , 124, 4560-1	16.4	128
21	Diastereoselective Homochiral Self-Assembly Between Anions and Cation in Solution. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 201-204	2.3	29
20	σ-Bond Metathesis of Alkanes on a Silica-Supported Tantalum(V) Alkyl Alkylidene Complex: First Evidence for Alkane Cross-Metathesis. <i>Angewandte Chemie</i> , 2001 , 113, 2393-2396	3.6	14
19	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> , 2001 , 40, 2331-2334	16.4	99
18	Supramolecular Octupolar Self-Ordering Towards Nonlinear Optics. <i>Advanced Materials</i> , 2001 , 13, 1677-1681		75
17	Design and synthesis of 4,4'-Econjugated[2,2']-bipyridines: a versatile class of tunable chromophores and fluorophores. <i>New Journal of Chemistry</i> , 2001 , 25, 1553-1566	3.6	74
16	« Surexploitation locale » et tactiques de pêche : considérations théoriques et conséquences pratiques en valuation des stocks étudiés avec un simulateur numérique de pêcheries.. <i>Aquatic Living Resources</i> , 2001 , 14, 203-210	1.5	20
15	Solution, solid state structure and fluorescence studies of 2,3-functionalized quinoxalines: evidence for a delocalized keto-enamine form with N-H...O intramolecular hydrogen bonds. <i>New Journal of Chemistry</i> , 2001 , 25, 391-395	3.6	19

14	Synthesis of a highly thermally stable octupolar polyimide for nonlinear optics. <i>Chemical Communications</i> , 2001 , 2430-1	5.8	35
13	EFFICIENT SYNTHESIS OF NEW NITROGEN DONOR CONTAINING TRIPODS UNDER MICROWAVE IRRADIATION AND WITHOUT SOLVENT. <i>Synthetic Communications</i> , 2001 , 31, 1315-1321	1.7	39
12	New paramagnetic ruthenium complexes via one-electron reduction of metallacumulenes. <i>Chemical Communications</i> , 2001 , 373-374	5.8	43
11	Catalytic properties of silica-supported tantalum and tungsten hydrides in the cleavage and formation of C-C bonds of alkanes. <i>Studies in Surface Science and Catalysis</i> , 2000 , 917-922	1.8	1
10	New reactions of CC bond cleavage and formation catalysed by silica-supported tantalum and tungsten hydrides. <i>Comptes Rendus De L'Academie Des Sciences - Series Ilc: Chemistry</i> , 2000 , 3, 583-587		3
9	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> , 2000 , 593-594, 96-100	2.3	49
8	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> , 1999 , 12, 77-88	1.5	26
7	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> , 1999 , 38, 1952-1955	16.4	42
6	New bipyridyl ligands bearing azo- and imino-linked chromophores. Synthesis and nonlinear optical studies of related dipolar zinc complexes. <i>Chemical Communications</i> , 1999 , 2521-2522	5.8	43
5	Chloride ion transfer during the U(IV)/U(III) reduction of UCl ₄ in tetrahydrofuran (THF), studied by cyclic voltammetry; synthesis and molecular structure of [NBu ₄][UCl ₅ (THF)]. <i>Inorganica Chimica Acta</i> , 1998 , 279, 210-216	2.7	13
4	A mechanistic study of the reductive coupling of acetone with uranium compounds. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998 , 3021-3028		16
3	Pinacol versus para coupling of aromatic ketones. <i>Tetrahedron Letters</i> , 1997 , 38, 6591-6594	2	15
2	Metallopinacolate Intermediates in the Reductive Coupling of Acetone Promoted by Uranium Reagents. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1129-1130		24
1	Chlorophylls: An Approach to Asymmetric Catalysts with Stereocenters Near the Plane of the Porphyrin Ring. <i>Angewandte Chemie International Edition in English</i> , 1994 , 33, 220-223		45