

# Christophe Lincheneau

## List of Publications by Year in descending order

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23  
papers

1,771  
citations

471509

17  
h-index

642732

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Semiconductor Nanocrystals, Focusing on Nontoxic and Earth-Abundant Materials. <i>Chemical Reviews</i> , 2016, 116, 10731-10819.	47.7	469
2	Chemistry of InP Nanocrystal Syntheses. <i>Chemistry of Materials</i> , 2016, 28, 2491-2506.	6.7	301
3	Electrochemical properties of CdSe and CdTe quantum dots. <i>Chemical Society Reviews</i> , 2012, 41, 5728.	38.1	238
4	Metal-Directed Synthesis of Enantiomerically Pure Dimetallic Lanthanide Luminescent Triple-Stranded Helicates. <i>Journal of the American Chemical Society</i> , 2009, 131, 9636-9637.	13.7	138
5	Self-assembly formation of mechanically interlocked [2]- and [3]catenanes using lanthanide ion [Eu(III)] templation and ring closing metathesis reactions. <i>Chemical Communications</i> , 2014, 50, 2857.	4.1	84
6	Reversible electronic energy transfer: a means to govern excited-state properties of supramolecular systems. <i>Chemical Society Reviews</i> , 2010, 39, 506-515.	38.1	59
7	White-light emission from discrete heterometallic lanthanide-directed self-assembled complexes in solution. <i>Chemical Science</i> , 2017, 8, 3419-3426.	7.4	59
8	Probing the Effects of Ligand Isomerism in Chiral Luminescent Lanthanide Supramolecular Self-Assemblies: A Europium $\text{Eu}(\text{III})$ Study. <i>Chemistry - A European Journal</i> , 2013, 19, 16181-16186.	3.3	52
9	Europium Directed Synthesis of Enantiomerically Pure Dimetallic Luminescent "Squeezed" Triple-Stranded Helicates; Solution Studies. <i>Chemistry - an Asian Journal</i> , 2010, 5, 500-504.	3.3	48
10	Compact quantum dot-antibody conjugates for FRET immunoassays with subnanomolar detection limits. <i>Nanoscale</i> , 2016, 8, 11275-11283.	5.6	46
11	Synthesis and properties of ZnTe and ZnTe/ZnS core/shell semiconductor nanocrystals. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2877-2886.	5.5	39
12	Recent Highlights in the use of Lanthanide-directed Synthesis of Novel Supramolecular (Luminescent) Self-assembly Structures such as Coordination Bundles, Helicates and Sensors. <i>Australian Journal of Chemistry</i> , 2011, 64, 1315.	0.9	38
13	Lanthanide directed self-assembly synthesis and photophysical evaluation of chiral Eu(III) luminescent "half-helicates". <i>Dalton Transactions</i> , 2011, 40, 12056.	3.3	38
14	Lanthanide directed self-assembly formations of Tb(III) and Eu(III) luminescent complexes from tryptophan based pyridyl amide ligands. <i>Chemical Communications</i> , 2011, 47, 7119.	4.1	30
15	Physicochemical alterations and toxicity of InP alloyed quantum dots aged in environmental conditions: A safer by design evaluation. <i>NanoImpact</i> , 2019, 14, 100168.	4.5	29
16	Enhanced photolabelling of luminescent Eu(III) centres with a chelating antenna in a micellar nanodomain. <i>Chemical Communications</i> , 2010, 46, 2486.	4.1	25
17	Hybrids of semiconductor quantum dot and molecular species for photoinduced functions. <i>Coordination Chemistry Reviews</i> , 2014, 263-264, 151-160.	18.8	21
18	Formation of luminescent terbium(III) self-assemblies from pyridyl bis-amidothiureas based ligands in MeOH and in water/DMSO solutions and their use in anion sensing application. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6069.	2.8	16

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19	An Efficient Method for the Surface Functionalization of Luminescent Quantum Dots with Lipoic Acid Based Ligands. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5143-5151.	2.0	12
20	Delayed lanthanide luminescent Tb(III) complexes formed from lower rim amide functionalised calix[4]arenes. <i>Supramolecular Chemistry</i> , 2013, 25, 869-880.	1.2	11
21	Photoluminescence Enhancement of CdSe and CdSe/ZnS Nanocrystals by On-Surface Ligand Modification. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3550-3556.	2.0	8
22	Modulation of the solubility of luminescent semiconductor nanocrystals through facile surface functionalization. <i>Chemical Communications</i> , 2014, 50, 11020-11022.	4.1	7
23	Supramolecular assemblies of semiconductor quantum dots and a bis(bipyridinium) derivative: luminescence quenching and aggregation phenomena. <i>RSC Advances</i> , 2014, 4, 29847-29854.	3.6	3