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	Physicochemical alterations and toxicity of InP alloyed quantum dots aged in environmental conditions: A safer by design evaluation. NanoImpact, 2019, 14, 100168.	4.5	29
2	White-light emission from discrete heterometallic lanthanide-directed self-assembled complexes in solution. Chemical Science, 2017, 8, 3419-3426.	7.4	59
3	An Efficient Method for the Surface Functionalization of Luminescent Quantum Dots with Lipoic Acid Based Ligands. European Journal of Inorganic Chemistry, 2017, 2017, 5143-5151.	2.0	12
4	Synthesis of Semiconductor Nanocrystals, Focusing on Nontoxic and Earth-Abundant Materials. Chemical Reviews, 2016, 116, 10731-10819.	47.7	469
5	Chemistry of InP Nanocrystal Syntheses. Chemistry of Materials, 2016, 28, 2491-2506.	6.7	301
6	Compact quantum dotâ€“antibody conjugates for FRET immunoassays with subnanomolar detection limits. Nanoscale, 2016, 8, 11275-11283.	5.6	46
7	Hybrids of semiconductor quantum dot and molecular species for photoinduced functions. Coordination Chemistry Reviews, 2014, 263-264, 151-160.	18.8	21
8	Self-assembly formation of mechanically interlocked [2]- and [3]catenanes using lanthanide ion [Eu(iii)] templation and ring closing metathesis reactions. Chemical Communications, 2014, 50, 2857.	4.1	84
9	Modulation of the solubility of luminescent semiconductor nanocrystals through facile surface functionalization. Chemical Communications, 2014, 50, 11020-11022.	4.1	7
10	Supramolecular assemblies of semiconductor quantum dots and a bis(bipyridinium) derivative: luminescence quenching and aggregation phenomena. RSC Advances, 2014, 4, 29847-29854.	3.6	3
11	Synthesis and properties of ZnTe and ZnTe/ZnS core/shell semiconductor nanocrystals. Journal of Materials Chemistry C, 2014, 2, 2877-2886.	5.5	39
12	Delayed lanthanide luminescent Tb(III) complexes formed from lower rim amide functionalised calix[4]arenes. Supramolecular Chemistry, 2013, 25, 869-880.	1.2	11
13	Photoluminescence Enhancement of CdSe and CdSeâ€“ZnS Nanocrystals by Onâ€Surface Ligand Modification. European Journal of Inorganic Chemistry, 2013, 2013, 3550-3556.	2.0	8
14	Probing the Effects of Ligand Isomerism in Chiral Luminescent Lanthanide Supramolecular Selfâ€Assemblies: A Europium â€œTrinity Sliotarâ€ Study. Chemistry - A European Journal, 2013, 19, 16181-16186.	3.3	52
15	Formation of luminescent terbium(iii) self-assemblies from pyridyl bis-amidothioureas based ligands in MeOH and in waterâ€“DMSO solutions and their use in anion sensing application. Organic and Biomolecular Chemistry, 2012, 10, 6069.	2.8	16
16	Electrochemical properties of CdSe and CdTe quantum dots. Chemical Society Reviews, 2012, 41, 5728.	38.1	238
17	Lanthanide directed self-assembly formations of Tb(iii) and Eu(iii) luminescent complexes from tryptophan based pyridyl amide ligands. Chemical Communications, 2011, 47, 7119.	4.1	30
18	Recent Highlights in the use of Lanthanide-directed Synthesis of Novel Supramolecular (Luminescent) Self-assembly Structures such as Coordination Bundles, Helicates and Sensors. Australian Journal of Chemistry, 2011, 64, 1315.	0.9	38

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19	Lanthanide directed self-assembly synthesis and photophysical evaluation of chiral Eu(iii) luminescent â€œhalf-helicatesâ€• Dalton Transactions, 2011, 40, 12056.	3.3	38
20	Europium Directed Synthesis of Enantiomerically Pure Dimetallic Luminescent â€œSqueezedâ€• Tripleâ€Stranded Helicates; Solution Studies. Chemistry - an Asian Journal, 2010, 5, 500-504.	3.3	48
21	Reversible electronic energy transfer: a means to govern excited-state properties of supramolecular systems. Chemical Society Reviews, 2010, 39, 506-515.	38.1	59
22	Enhanced photolabelling of luminescent EuIII centres with a chelating antenna in a micellar nanodomain. Chemical Communications, 2010, 46, 2486.	4.1	25
23	Metal-Directed Synthesis of Enantiomerially Pure Dimetallic Lanthanide Luminescent Triple-Stranded Helicates. Journal of the American Chemical Society, 2009, 131, 9636-9637.	13.7	138