Thomas Auvray

List of Publications by Year
in descending order

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22 papers	294 citations	840585 11 h-index	887953 17 g-index
22 all docs	22 docs citations	22 times ranked	495 citing authors

#	Article	IF	Citations
1	Photocatalytic Hydrogen Production Using a Red-Absorbing Ir(III)â€“Co(III) Dyad. Inorganic Chemistry, 2017, 56, 10875-10881.	1.9	59
2	Photocatalytic Hydrogen Evolution Driven by a Heteroleptic Ruthenium(II) Bis(terpyridine) Complex. Inorganic Chemistry, 2019, 58, 9127-9134.	1.9	37
3	Blue-green emissive cationic iridium(<scp>iii</scp>) complexes using partially saturated strongly-donating guanidyl-pyridine/-pyrazine ancillary ligands. Chemical Communications, 2015, 51, 14060-14063.	2.2	24
4	Non-symmetric benzo[b]-fused BODIPYs as a versatile fluorophore platform reaching the NIR: a systematic study of the underlying structureâ€“property relationship. Dalton Transactions, 2016, 45, 7589-7604.	1.6	23
5	Design and photophysical studies of iridium(<scp>iii</scp>)â€“cobalt(<scp>iii</scp>) dyads and their application for dihydrogen photo-evolution. Dalton Transactions, 2019, 48, 15567-15576.	1.6	19
6	Polyoxometalate-based complexes as ligands for the study of actinide chemistry. Dalton Transactions, 2020, 49, 13917-13927.	1.6	15
7	Covalent hybrids based on Re(<scp>i</scp>) tricarbonyl complexes and polypyridine-functionalized polyoxometalate: synthesis, characterization and electronic properties. Dalton Transactions, 2017, 46, 10029-10036.	1.6	14
8	Unusual Photooxidation of S-Bonded Mercaptopyridine in a Mixed Ligand Ruthenium(II) Complex with Terpyridine and Bipyridine Ligands. Inorganic Chemistry, 2018, 57, 4898-4905.	1.9	14
9	Substituted 2,4-Di(pyridin-2-yl)pyrimidine-Based Ruthenium Photosensitizers for Hydrogen Photoevolution under Red Light. Inorganic Chemistry, 2021, 60, 292-302.	1.9	14
10	Heteroleptic ruthenium bis-terpyridine complexes bearing a 4-(dimethylamino)phenyl donor and free coordination sites for hydrogen photo-evolution. Dalton Transactions, 2019, 48, 15136-15143.	1.6	13
11	Design and Photophysical Studies of Acridineâ€Based Ru^{II} Complexes for Applications as DNA Photoprobes. European Journal of Inorganic Chemistry, 2016, 2016, 3649-3658.	1.0	12
12	Binary Superlattices from {Mo₁₃₂} Polyoxometalates and Maghemite Nanocrystals: Long-Range Ordering and Fine-Tuning of Dipole Interactions. Small, 2016, 12, 220-228.	5.2	11
13	In-Depth Study of the Electronic Properties of NIR-Emissive Î²³N Terpyridine Rhenium(I) Dicarbonyl Complexes. Inorganic Chemistry, 2021, 60, 70-79.	1.9	10
14	Controlling photocatalytic reduction of CO₂ in Ru(<scp>ii</scp>)/Re(<scp>i</scp>) dyads via linker oxidation state. Chemical Communications, 2020, 56, 10750-10753.	2.2	7
15	Proton sensitive charge-transfer excited states in bis-terdentate cyclometalated Ir(III) complexes: Spectroscopic and theoretical investigation. Inorganica Chimica Acta, 2018, 471, 8-16.	1.2	6
16	Simple Solubilization of the Traditional 2,2â€²:6â€²,2â€²â€²-Terpyridine LigandÂ in Organic Solvents by Substitution with 4,4â€²â€²-Di-tert-butyl Groups. Synthesis, 2015, 47, 3849-3858.	1.2	5
17	Electronic Properties of Rhenium(I) Carbonyl Complexes Bearing Strongly Donating Hexahydroâ€Pyrimidopyrimidine Based Ligands. European Journal of Inorganic Chemistry, 2021, 2021, 2570-2577.	1.0	3
18	Electrochemical and Photophysical Study of Homoleptic and Heteroleptic Methylated Ru(II) Bisâ€terpyridine Complexes. European Journal of Inorganic Chemistry, 2021, 2021, 2822-2829.	1.0	3

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19	Protective Effect of Polyoxometalates in {Mo132}/Maghemite Binary Superlattices Under Annealing. Frontiers in Chemistry, 2019, 7, 830.	1.8	2
20	Synthesis of a novel bipyrimidine dicarboxylic acid ligand for the preparation of panchromatic ruthenium dyes. Inorganica Chimica Acta, 2020, 499, 119194.	1.2	2
21	Dinuclear 2,4-di(pyridin-2-yl)-pyrimidine based ruthenium photosensitizers for hydrogen photo-evolution under red light. Dalton Transactions, 2021, 50, 16528-16538.	1.6	1
22	Development of sterically hindered siloxide-functionalized polyoxotungstates for the complexation of 5d-metals. Dalton Transactions, 2021, 50, 4300-4310.	1.6	0