

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	In-Depth Study of the Electronic Properties of NIR-Emissive Ir^{III} Terpyridine Rhenium(I) Dicarbonyl Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 70-79.	1.9	10
2	Substituted 2,4-Di(pyridin-2-yl)pyrimidine-Based Ruthenium Photosensitizers for Hydrogen Photoevolution under Red Light. <i>Inorganic Chemistry</i> , 2021, 60, 292-302.	1.9	14
3	Development of sterically hindered siloxide-functionalized polyoxotungstates for the complexation of 5d-metals. <i>Dalton Transactions</i> , 2021, 50, 4300-4310.	1.6	0
4	Electronic Properties of Ruthenium(I) Carbonyl Complexes Bearing Strongly Donating Hexahydro- P^2S^2 Pyrimidopyrimidine Based Ligands. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2570-2577.	1.0	3
5	Electrochemical and Photophysical Study of Homoleptic and Heteroleptic Methylated Ru(II) Bis-terpyridine Complexes. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2822-2829.	1.0	3
6	Dinuclear 2,4-di(pyridin-2-yl)-pyrimidine based ruthenium photosensitizers for hydrogen photo-evolution under red light. <i>Dalton Transactions</i> , 2021, 50, 16528-16538.	1.6	1
7	Synthesis of a novel bipyrimidine dicarboxylic acid ligand for the preparation of panchromatic ruthenium dyes. <i>Inorganica Chimica Acta</i> , 2020, 499, 119194.	1.2	2
8	Controlling photocatalytic reduction of CO_2 in Ru/Re dyads <i>via</i> linker oxidation state. <i>Chemical Communications</i> , 2020, 56, 10750-10753.	2.2	7
9	Polyoxometalate-based complexes as ligands for the study of actinide chemistry. <i>Dalton Transactions</i> , 2020, 49, 13917-13927.	1.6	15
10	Design and photophysical studies of iridium-cobalt dyads and their application for dihydrogen photo-evolution. <i>Dalton Transactions</i> , 2019, 48, 15567-15576.	1.6	19
11	Heteroleptic ruthenium bis-terpyridine complexes bearing a 4-(dimethylamino)phenyl donor and free coordination sites for hydrogen photo-evolution. <i>Dalton Transactions</i> , 2019, 48, 15136-15143.	1.6	13
12	Photocatalytic Hydrogen Evolution Driven by a Heteroleptic Ruthenium(II) Bis(terpyridine) Complex. <i>Inorganic Chemistry</i> , 2019, 58, 9127-9134.	1.9	37
13	Protective Effect of Polyoxometalates in $\{\text{Mo}_{132}\}$ /Maghemite Binary Superlattices Under Annealing. <i>Frontiers in Chemistry</i> , 2019, 7, 830.	1.8	2
14	Unusual Photooxidation of S-Bonded Mercaptopyridine in a Mixed Ligand Ruthenium(II) Complex with Terpyridine and Bipyridine Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 4898-4905.	1.9	14
15	Proton sensitive charge-transfer excited states in bis-terdentate cyclometalated Ir(III) complexes: Spectroscopic and theoretical investigation. <i>Inorganica Chimica Acta</i> , 2018, 471, 8-16.	1.2	6
16	Photocatalytic Hydrogen Production Using a Red-Absorbing Ir(III)-Co(III) Dyad. <i>Inorganic Chemistry</i> , 2017, 56, 10875-10881.	1.9	59
17	Covalent hybrids based on Re tricarboxyl complexes and polypyridine-functionalized polyoxometalate: synthesis, characterization and electronic properties. <i>Dalton Transactions</i> , 2017, 46, 10029-10036.	1.6	14
18	Binary Superlattices from $\{\text{Mo}_{132}\}$ Polyoxometalates and Maghemite Nanocrystals: Long-Range Ordering and Fine-Tuning of Dipole Interactions. <i>Small</i> , 2016, 12, 220-228.	5.2	11

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19	Design and Photophysical Studies of Acridine-Based Ru ^{II} Complexes for Applications as DNA Photoprobes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3649-3658.	1.0	12
20	Non-symmetric benzo[b]-fused BODIPYs as a versatile fluorophore platform reaching the NIR: a systematic study of the underlying structure-property relationship. <i>Dalton Transactions</i> , 2016, 45, 7589-7604.	1.6	23
21	Simple Solubilization of the Traditional 2,2',6',2'-Terpyridine Ligand in Organic Solvents by Substitution with 4,4'-Di-tert-butyl Groups. <i>Synthesis</i> , 2015, 47, 3849-3858.	1.2	5
22	Blue-green emissive cationic iridium(III) complexes using partially saturated strongly-donating guanidyl-pyridine/-pyrazine ancillary ligands. <i>Chemical Communications</i> , 2015, 51, 14060-14063.	2.2	24