ClÃ©mence QueffÃ©lec

List of Publications by Year
in descending order

30 papers	1,108 citations	687363 13 h-index	454955 30 g-index
38 all docs	38 docs citations	38 times ranked	1902 citing authors

#	Article	IF	Citations
1	Surface Modification Using Phosphonic Acids and Esters. Chemical Reviews, 2012, 112, 3777-3807.	47.7	706
2	Subcritical Hydrothermal Liquefaction of Microalgae Residues as a Green Route to Alternative Road Binders. ACS Sustainable Chemistry and Engineering, 2015, 3, 583-590.	6.7	43
3	Synthesis and HIV-1 integrase inhibitory activities of caffeic acid dimers derived from Salvia officinalis. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 5053-5056.	2.2	29
4	Synthesis and biological activities of a series of 4,5-diaryl-3-hydroxy-2(5H)-furanones. European Journal of Medicinal Chemistry, 2008, 43, 1222-1229.	5.5	28
5	Surface modification of plasmonic noble metalâ€“metal oxide coreâ€“shell nanoparticles. Nanoscale Advances, 2019, 1, 4578-4591.	4.6	28
6	Enantioselective Intramolecular Hydroamination of Secondary Amines Catalyzed by Easily Accessible Ate and Neutral Rareâ€Earth Complexes. ChemCatChem, 2011, 3, 122-126.	3.7	27
7	Synthesis and antiviral properties of some polyphenols related to Salvia genus. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4736-4740.	2.2	25
8	Functionalized coreâ€“shell Ag@TiO2 nanoparticles for enhanced Raman spectroscopy: a sensitive detection method for Cu(ii) ions. Physical Chemistry Chemical Physics, 2019, 21, 3066-3072.	2.8	21
9	Synthesis of P,N-Heterocycles from Ï‰-Amino-H-Phosphinates: Conformationally Restricted Î±-Amino Acid Analogs. Journal of Organic Chemistry, 2008, 73, 8987-8991.	3.2	20
10	Biosourced analogs of elastomer-containing bitumen through hydrothermal liquefaction of Spirulina sp. microalgae residues. Green Chemistry, 2018, 20, 2337-2344.	9.0	17
11	Visible light assisted hydrogen generation from complete decomposition of hydrous hydrazine using rhodium modified TiO2 photocatalysts. Photochemical and Photobiological Sciences, 2017, 16, 1036-1042.	2.9	15
12	Renewable binders from waste biomass for road construction: A review on thermochemical conversion technologies and current developments. Construction and Building Materials, 2022, 330, 127076.	7.2	15
13	Molybdocene dichloride intercalation into zirconium phosphate nanoparticles. Journal of Organometallic Chemistry, 2015, 791, 34-40.	1.8	14
14	Coreâ€Shell Ag@TiO₂ Nanocomposites for Lowâ€Power Blue Laser Enhanced Copper(I) Catalyzed Ullmann Coupling. ChemistrySelect, 2017, 2, 769-773.	1.5	12
15	Bitumen fractionation: Contribution of the individual fractions to the mechanical behavior of road binders. Construction and Building Materials, 2021, 271, 121528.	7.2	12
16	Facile P,N-heterocycle synthesis via tandem aminomethylationâ€“cyclization of H-phosphinate building blocks. Organic and Biomolecular Chemistry, 2010, 8, 267-273.	2.8	11
17	Wilkinsonâ€Type Immobilized Catalyst on Diamond Nanoparticles for Alkene Reduction. ChemCatChem, 2017, 9, 432-439.	3.7	11
18	The total synthesis of fukiic acid, an HIV-1 integrase inhibitor. European Journal of Medicinal Chemistry, 2008, 43, 2268-2271.	5.5	10

#	ARTICLE	IF	CITATIONS
19	Design and Optimization of a Phosphopeptide Anchor for Specific Immobilization of a Capture Protein on Zirconium Phosphonate Modified Supports. Langmuir, 2014, 30, 13949-13955.	3.5	9
20	Non-photochemical catalytic hydrolysis of methyl parathion using coreâ€“shell Ag@TiO₂ nanoparticles. RSC Advances, 2018, 8, 42346-42352.	3.6	9
21	Dehalogenation reaction photocatalyzed by homoleptic copper(i) complexes associated with strongly reductive sacrificial donors. Catalysis Science and Technology, 2021, 11, 6041-6047.	4.1	9
22	Phosphonateâ€Mediated Immobilization of Rhodium/Bipyridine Hydrogenation Catalysts. Chemistry - A European Journal, 2018, 24, 2457-2465.	3.3	7
23	Investigation of copper oxidation states in plasmonic nanomaterials by XAS and Raman spectroscopy. Physical Chemistry Chemical Physics, 2020, 22, 2193-2199.	2.8	7
24	FT-ICR MS characterization of bio-binders for road pavement from HTL of microalgae residues. Journal of Environmental Chemical Engineering, 2022, 10, 107361.	6.7	7
25	Surface Modification of Au Nanoparticles with Heteroleptic Cu(I) Diimine Complexes. Journal of Physical Chemistry C, 2020, 124, 11902-11912.	3.1	5
26	Catalytic hydrothermal conversion of algal residue to bio-bitumen. Journal of Cleaner Production, 2021, 322, 129024.	9.3	3
27	Copper(I) Bis(diimine) Complexes with High Photooxidation Power: Reductive Quenching of the Excited State with a Benzimidazoline Sacrificial Donor. ACS Omega, 2022, 7, 13112-13119.	3.5	3
28	Comparison of Zirconium Phosphonate-Modified Surfaces for Immobilizing Phosphopeptides and Phosphate-Tagged Proteins. Langmuir, 2016, 32, 5480-5490.	3.5	2
29	Biobased bitumen analogue formation during hydrothermal treatment of microalgae residues, part 2: Influence of residence time on reaction products. Journal of Analytical and Applied Pyrolysis, 2020, 152, 104940.	5.5	2
30	Improving the rate of the copper-catalyzed Henry reaction by surface plasmon excitation of gold nanoparticles. Catalysis Science and Technology, 2021, 11, 7875-7885.	4.1	0