

Philippe Arnoux

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

501
citations

12
h-index

22
g-index

32
ext. papers

667
ext. citations

4.4
avg, IF

3.69
L-index

#	Paper	IF	Citations
31	Jet-Stirred Reactor Study of Low-Temperature Neopentane Oxidation: A Combined Theoretical, Chromatographic, Mass Spectrometric, and PEPICO Analysis. <i>Energy & Fuels</i> , 2021 , 35, 19689-19704	4.1	1
30	Study of Cytotoxic and Photodynamic Activities of Dyads Composed of a Zinc Phthalocyanine Appended to an Organotin. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	1
29	Terbium-Based AGuIX-Design Nanoparticle to Mediate X-ray-Induced Photodynamic Therapy. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
28	Modified Indulines: From Dyestuffs to Theranostic Agents. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 30337-30349	9.5	
27	Comparison of the toxicity of waters containing initially sulfaquinolone after photocatalytic treatment by TiO and polyaniline/TiO. <i>Environmental Technology (United Kingdom)</i> , 2021 , 42, 419-428	2.6	5
26	Chemistry deriving from OOQOOH radicals in alkane low-temperature oxidation: A first combined theoretical and electron-ion coincidence mass spectrometry study. <i>Proceedings of the Combustion Institute</i> , 2021 , 38, 309-319	5.9	7
25	Photophysical and Bactericidal Properties of Pyridinium and Imidazolium Porphyrins for Photodynamic Antimicrobial Chemotherapy. <i>Molecules</i> , 2021 , 26,	4.8	5
24	Photophysical Properties of Protoporphyrin IX, Pyropheophorbide-a and Photofrin in Different Conditions. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	6
23	Design of a Targeting and Oxygen-Independent Platform to Improve Photodynamic Therapy: A Proof of Concept.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 1330-1339	4.1	1
22	Isomer-sensitive characterization of low temperature oxidation reaction products by coupling a jet-stirred reactor to an electron/ion coincidence spectrometer: case of n-pentane. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 1222-1241	3.6	18
21	Inclusion complex vs. conjugation of hydrophobic photosensitizers with β -cyclodextrin: Improved disaggregation and photodynamic therapy efficacy against glioblastoma cells. <i>Materials Science and Engineering C</i> , 2020 , 109, 110604	8.3	4
20	Polythiophenes with Cationic Phosphonium Groups as Vectors for Imaging, siRNA Delivery, and Photodynamic Therapy. <i>Nanomaterials</i> , 2020 , 10,	5.4	4
19	Fighting Hypoxia to Improve PDT. <i>Pharmaceuticals</i> , 2019 , 12,	5.2	54
18	New Targeted Gold Nanorods for the Treatment of Glioblastoma by Photodynamic Therapy. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	10
17	Synthesis of unexplored aminophosphonic acid and evaluation as scale inhibitor for industrial water applications. <i>Journal of Water Process Engineering</i> , 2018 , 22, 192-202	6.7	18
16	New photodynamic molecular beacons (PMB) as potential cancer-targeted agents in PDT. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 688-702	3.4	9
15	Comparison of two procedures for the design of dye-sensitized nanoparticles targeting photocatalytic water purification under solar and visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 356, 177-192	4.7	17

14	Titania and silica nanoparticles coupled to Chlorin e6 for anti-cancer photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018 , 22, 115-126	3.5	24
13	A Photosensitizer Lanthanide Nanoparticle Formulation that Induces Singlet Oxygen with Direct Light Excitation, But Not By Photon or X-ray Energy Transfer. <i>Photochemistry and Photobiology</i> , 2017 , 93, 1439-1448	3.6	7
12	Polymer-lipid-PEG hybrid nanoparticles as photosensitizer carrier for photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 173, 12-22	6.7	26
11	Synthesis of mono-, di- and triporphyrin building blocks by click chemistry for photodynamic therapy application. <i>Tetrahedron</i> , 2017 , 73, 532-541	2.4	6
10	Enhanced Photobactericidal and Targeting Properties of a Cationic Porphyrin following the Attachment of Polymyxin B. <i>Bioconjugate Chemistry</i> , 2017 , 28, 2493-2506	6.3	49
9	Folic acid conjugates with photosensitizers for cancer targeting in photodynamic therapy: Synthesis and photophysical properties. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 1-10	3.4	41
8	Extraction, Identification and Photo-Physical Characterization of Persimmon (Diospyros kaki L.) Carotenoids. <i>Foods</i> , 2017 , 6,	4.9	12
7	20-nm-sized mesoporous silica nanoparticles with porphyrin photosensitizers for in vitro photodynamic therapy. <i>Journal of Sol-Gel Science and Technology</i> , 2016 , 79, 447-456	2.3	6
6	Stability of folic acid under several parameters. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 93, 419-30	5.1	80
5	Modulation of singlet oxygen generation and amphiphilic properties of trihydroxylated monohalogenated porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015 , 19, 1081-1087	1.8	12
4	Singlet Oxygen-Mediated Oxidation during UVA Radiation Alters the Dynamic of Genomic DNA Replication. <i>PLoS ONE</i> , 2015 , 10, e0140645	3.7	23
3	Lipophilic phthalocyanines for their potential interest in photodynamic therapy: synthesis and photo-physical properties. <i>Tetrahedron</i> , 2013 , 69, 10116-10122	2.4	9
2	Long-distance energy transfer photosensitizers arising in hybrid nanoparticles leading to fluorescence emission and singlet oxygen luminescence quenching. <i>Photochemical and Photobiological Sciences</i> , 2012 , 11, 803-11	4.2	4
1	Enhanced Photostability from CdSe(S)/ZnO Core/Shell Quantum Dots and Their Use in Biolabeling. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 794-801	2.3	40