

Philippe Arnoux

List of Publications by Year in descending order

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32
papers

829
citations

516215

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500791

28
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32
all docs

32
docs citations

32
times ranked

1403
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability of folic acid under several parameters. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 419-430.	1.9	117
2	Fighting Hypoxia to Improve PDT. <i>Pharmaceuticals</i> , 2019, 12, 163.	1.7	113
3	Enhanced Photobactericidal and Targeting Properties of a Cationic Porphyrin following the Attachment of Polymyxin B. <i>Bioconjugate Chemistry</i> , 2017, 28, 2493-2506.	1.8	67
4	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.	1.4	49
5	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.	1.0	47
6	Photophysical Properties of Protoporphyrin IX, Porphyrin a, and Photofrin® in Different Conditions. <i>Pharmaceuticals</i> , 2021, 14, 138.	1.7	41
7	Titania and silica nanoparticles coupled to Chlorin e6 for anti-cancer photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 22, 115-126.	1.3	35
8	Polymer-lipid-PEG hybrid nanoparticles as photosensitizer carrier for photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 12-22.	1.7	34
9	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.	2.6	31
10	Singlet Oxygen-Mediated Oxidation during UVA Radiation Alters the Dynamic of Genomic DNA Replication. <i>PLoS ONE</i> , 2015, 10, e0140645.	1.1	29
11	Isomer-sensitive characterization of low temperature oxidation reaction products by coupling a jet-stirred reactor to an electron/ion coincidence spectrometer: case of <i>n</i> -pentane. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1222-1241.	1.3	28
12	New Targeted Gold Nanorods for the Treatment of Glioblastoma by Photodynamic Therapy. <i>Journal of Clinical Medicine</i> , 2019, 8, 2205.	1.0	27
13	Extraction, Identification and Photo-Physical Characterization of Persimmon (<i>Diospyros kaki</i> L.) Carotenoids. <i>Foods</i> , 2017, 6, 4.	1.9	22
14	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.	2.0	21
15	Photophysical and Bactericidal Properties of Pyridinium and Imidazolium Porphyrins for Photodynamic Antimicrobial Chemotherapy. <i>Molecules</i> , 2021, 26, 1122.	1.7	19
16	Modulation of singlet oxygen generation and amphiphilic properties of trihydroxylated monohalogenated porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 1081-1087.	0.4	18
17	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.	2.4	16
18	Comparison of the toxicity of waters containing initially sulfaquinolone after photocatalytic treatment by TiO ₂ and polyaniline/TiO ₂ . <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 419-428.	1.2	14

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19	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.	2.5	12
20	Lipophilic phthalocyanines for their potential interest in photodynamic therapy: synthesis and photo-physical properties. <i>Tetrahedron</i> , 2013, 69, 10116-10122.	1.0	11
21	New photodynamic molecular beacons (PMB) as potential cancer-targeted agents in PDT. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 688-702.	1.4	11
22	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.	2.3	11
23	Polythiophenes with Cationic Phosphonium Groups as Vectors for Imaging, siRNA Delivery, and Photodynamic Therapy. <i>Nanomaterials</i> , 2020, 10, 1432.	1.9	9
24	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.	1.1	7
25	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.	1.3	7
26	Synthesis of mono-, di- and triporphyrin building blocks by click chemistry for photodynamic therapy application. <i>Tetrahedron</i> , 2017, 73, 532-541.	1.0	7
27	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.	3.8	7
28	Study of Cytotoxic and Photodynamic Activities of Dyads Composed of a Zinc Phthalocyanine Appended to an Organotin. <i>Pharmaceuticals</i> , 2021, 14, 413.	1.7	6
29	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.	1.6	4
30	Preliminary Study of New Gallium-68 Radiolabeled Peptide Targeting NRP-1 to Detect Brain Metastases by Positron Emission Tomography. <i>Molecules</i> , 2021, 26, 7273.	1.7	4
31	Terbium-Based AGuIX-Design Nanoparticle to Mediate X-ray-Induced Photodynamic Therapy. <i>Pharmaceuticals</i> , 2021, 14, 396.	1.7	3
32	Modified Indulines: From Dyestuffs to <i>In Vivo</i> Theranostic Agents. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 30337-30349.	4.0	2