

## List of Publications by Year in descending order

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76  
papers

4,486  
citations

117453

34  
h-index

102304

66  
g-index

79  
all docs

79  
docs citations

79  
times ranked

6266  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced graphene oxide-based superhydrophobic magnetic nanomaterial as high selective and recyclable sorbent for oil/organic solvent wastewater treatment. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 8491-8506.	1.8	5
2	Folate-based radiotracers for nuclear imaging and radionuclide therapy. <i>Coordination Chemistry Reviews</i> , 2022, 470, 214702.	9.5	9
3	Can Cerenkov Light Really Induce an Effective Photodynamic Therapy?. <i>Radiation</i> , 2021, 1, 5-17.	0.6	11
4	Photophysical and Bactericidal Properties of Pyridinium and Imidazolium Porphyrins for Photodynamic Antimicrobial Chemotherapy. <i>Molecules</i> , 2021, 26, 1122.	1.7	19
5	Photophysical Properties of Protoporphyrin IX, Pyropheophorbide-a, and Photofrin® in Different Conditions. <i>Pharmaceuticals</i> , 2021, 14, 138.	1.7	41
6	Synthesis of New Water Soluble Î²-Cyclodextrin@Curcumin Conjugates and In Vitro Safety Evaluation in Primary Cultures of Rat Cortical Neurons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3255.	1.8	4
7	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
8	Terbium-Based AGuIX-Design Nanoparticle to Mediate X-ray-Induced Photodynamic Therapy. <i>Pharmaceuticals</i> , 2021, 14, 396.	1.7	3
9	Nanotechnology, photonics, and immunotherapy for cancer diagnostics and therapeutics. <i>Nanophotonics</i> , 2021, 10, 2969-2971.	2.9	0
10	Peptide-conjugated nanoparticles for targeted photodynamic therapy. <i>Nanophotonics</i> , 2021, 10, 3089-3134.	2.9	14
11	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
12	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
13	Inclusion complex vs. conjugation of hydrophobic photosensitizers with Î²-cyclodextrin: Improved disaggregation and photodynamic therapy efficacy against glioblastoma cells. <i>Materials Science and Engineering C</i> , 2020, 109, 110604.	3.8	7
14	&lt;p&gt;Multiscale Selectivity and in vivo Biodistribution of NRP-1-Targeted Theranostic AGuIX Nanoparticles for PDT of Glioblastoma&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8739-8758.	3.3	19
15	Polythiophenes with Cationic Phosphonium Groups as Vectors for Imaging, siRNA Delivery, and Photodynamic Therapy. <i>Nanomaterials</i> , 2020, 10, 1432.	1.9	9
16	Different strategies of surface modification to improve the photocatalysis properties: pollutant adsorption, visible activation, and catalyst recovery. , 2020, , 39-57.		1
17	An Efficient Photodynamic Therapy Treatment for Human Pancreatic Adenocarcinoma. <i>Journal of Clinical Medicine</i> , 2020, 9, 192.	1.0	22
18	Photodynamic Therapy Using a New Folate Receptor-Targeted Photosensitizer on Peritoneal Ovarian Cancer Cells Induces the Release of Extracellular Vesicles with Immunoactivating Properties. <i>Journal of Clinical Medicine</i> , 2020, 9, 1185.	1.0	21

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19	Update of the situation of clinical photodynamic therapy in Europe in the 2003â€“2018 period. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 347-357.	0.4	54
20	Fighting Hypoxia to Improve PDT. <i>Pharmaceuticals</i> , 2019, 12, 163.	1.7	113
21	Synthesis and Anticancer Activity of Gold Porphyrin Linked to Malonate Diamine Platinum Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 12395-12406.	1.9	27
22	New Targeted Gold Nanorods for the Treatment of Glioblastoma by Photodynamic Therapy. <i>Journal of Clinical Medicine</i> , 2019, 8, 2205.	1.0	27
23	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
24	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
25	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
26	Development of new ionic gelation strategy: Towards the preparation of new monodisperse and stable hyaluronic acid/ $\beta$ -cyclodextrin-grafted chitosan nanoparticles as drug delivery carriers for doxorubicin. <i>Frontiers of Materials Science</i> , 2018, 12, 83-94.	1.1	5
27	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
28	Using X-rays in photodynamic therapy: an overview. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1612-1650.	1.6	92
29	Use of Cyclodextrins in Anticancer Photodynamic Therapy Treatment. <i>Molecules</i> , 2018, 23, 1936.	1.7	42
30	Molecular modelling, synthesis and biological evaluation of peptide inhibitors as anti-angiogenic agent targeting neuropilin-1 for anticancer application. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 26-45.	2.0	22
31	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
32	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
33	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
34	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
35	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
36	Extraction, Identification and Photo-Physical Characterization of Persimmon ( <i>Diospyros kaki</i> L.) Carotenoids. <i>Foods</i> , 2017, 6, 4.	1.9	22

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37	The application of titanium dioxide, zinc oxide, fullerene, and graphene nanoparticles in photodynamic therapy. <i>Cancer Nanotechnology</i> , 2017, 8, 6.	1.9	93
38	Proton MR Spectroscopy and Diffusion MR Imaging Monitoring to Predict Tumor Response to Interstitial Photodynamic Therapy for Glioblastoma. <i>Theranostics</i> , 2017, 7, 436-451.	4.6	29
39	Ultrasmall AGuIX theranostic nanoparticles for vascular-targeted interstitial photodynamic therapy of glioblastoma. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7075-7088.	3.3	39
40	Inactivation of Malaria Parasites in Blood: PDT vs Inhibition of Hemozoin Formation. , 2016, , .		4
41	Stability of folic acid under several parameters. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 419-430.	1.9	117
42	Inorganic Nanoparticles for Photodynamic Therapy. <i>Topics in Current Chemistry</i> , 2016, 370, 113-134.	4.0	51
43	Assessment of the specificity of a new folate-targeted photosensitizer for peritoneal metastasis of epithelial ovarian cancer to enable intraperitoneal photodynamic therapy. A preclinical study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 13, 130-138.	1.3	39
44	The Interest of Folic Acid in Targeted Photodynamic Therapy. <i>Current Medicinal Chemistry</i> , 2015, 22, 3185-3207.	1.2	26
45	New Peptide-Conjugated Chlorin-Type Photosensitizer Targeting Neuropilin-1 for Anti-Vascular Targeted Photodynamic Therapy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 24059-24080.	1.8	29
46	Nanoparticles for Radiation Therapy Enhancement: the Key Parameters. <i>Theranostics</i> , 2015, 5, 1030-1044.	4.6	289
47	Synthesis and photophysical properties of the photoactivatable cationic porphyrin 5-(4-N-dodecylpyridyl)-10,15,20-tri(4-N-methylpyridyl)-21H,23H-porphyrin tetraiodide for anti-malaria PDT. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1290-1295.	1.6	22
48	Multifunctional ultrasmall nanoplatfoms for vascular-targeted interstitial photodynamic therapy of brain tumors guided by real-time MRI. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 657-670.	1.7	52
49	Microwave-assisted synthesis of zinc 5-(4-carboxyphenyl)-10,15,20-triphenylporphyrin and zinc 5-(4-carboxyphenyl)-10,15,20-triphenylchlorin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 595-600.	0.4	7
50	Accelerated solvent extraction of carotenoids from: Tunisian Kaki ( <i>Diospyros kaki</i> L.), peach ( <i>Prunus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.2	60
51	Twoâ€Photon Excitation of Porphyrinâ€Functionalized Porous Silicon Nanoparticles for Photodynamic Therapy. <i>Advanced Materials</i> , 2014, 26, 7643-7648.	11.1	131
52	X-ray-Induced Singlet Oxygen Activation with Nanoscintillator-Coupled Porphyrins. <i>Journal of Physical Chemistry C</i> , 2013, 117, 21583-21589.	1.5	117
53	Photodynamic Molecular Beacons Triggered by MMP-2 and MMP-9: Influence of the Distance Between Photosensitizer and Quencher onto Photophysical Properties and Enzymatic Activation. <i>Current Medicinal Chemistry</i> , 2012, 19, 5580-5594.	1.2	12
54	Non Polymeric Nanoparticles for Photodynamic Therapy Applications: Recent Developments. <i>Current Medicinal Chemistry</i> , 2012, 19, 781-792.	1.2	69

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55	Multifunctional Peptide-Conjugated Hybrid Silica Nanoparticles for Photodynamic Therapy and MRI. <i>Theranostics</i> , 2012, 2, 889-904.	4.6	75
56	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
57	Real-Time Monitoring of Photocytotoxicity in Nanoparticles-Based Photodynamic Therapy: A Model-Based Approach. <i>PLoS ONE</i> , 2012, 7, e48617.	1.1	19
58	Triazinyl Porphyrin-Based Photoactive Cotton Fabrics: Preparation, Characterization, and Antibacterial Activity. <i>Biomacromolecules</i> , 2011, 12, 1716-1723.	2.6	111
59	Quantum dot-folic acid conjugates as potential photosensitizers in photodynamic therapy of cancer. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 842.	1.6	55
60	Functionalized silica-based nanoparticles for photodynamic therapy. <i>Nanomedicine</i> , 2011, 6, 995-1009.	1.7	30
61	Nanoparticles for Photodynamic Therapy Applications. <i>Fundamental Biomedical Technologies</i> , 2011, , 511-565.	0.2	8
62	Neuropilin-1 Targeting Photosensitization-Induced Early Stages of Thrombosis via Tissue Factor Release. <i>Pharmaceutical Research</i> , 2010, 27, 468-479.	1.7	35
63	Photodynamic therapy targeting neuropilin-1: Interest of pseudopeptides with improved stability properties. <i>Biochemical Pharmacology</i> , 2010, 80, 226-235.	2.0	38
64	Modulation of Photosensitization Processes for an Improved Targeted Photodynamic Therapy. <i>Current Medicinal Chemistry</i> , 2010, 17, 3925-3943.	1.2	54
65	Silica-based nanoparticles for photodynamic therapy applications. <i>Nanoscale</i> , 2010, 2, 1083.	2.8	251
66	Peptide-conjugated chlorin-type photosensitizer binds neuropilin-1 in vitro and in vivo. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009, 96, 101-108.	1.7	35
67	Mannose-targeted mesoporous silica nanoparticles for photodynamic therapy. <i>Chemical Communications</i> , 2009, , 1475.	2.2	219
68	Nanoparticles as vehicles for delivery of photodynamic therapy agents. <i>Trends in Biotechnology</i> , 2008, 26, 612-621.	4.9	692
69	Tissue distribution and pharmacokinetics of an ATWLPPR-conjugated chlorin-type photosensitizer targeting neuropilin-1 in glioma-bearing nude mice. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 433-441.	1.6	39
70	Improvement of meta-tetra(Hydroxyphenyl)chlorin-Like Photosensitizer Selectivity with Folate-Based Targeted Delivery. <i>Synthesis and in Vivo Delivery Studies. Journal of Medicinal Chemistry</i> , 2008, 51, 3867-3877.	2.9	112
71	Phthalocyanines Covalently Bound to Biomolecules for a Targeted Photodynamic Therapy. <i>Current Medicinal Chemistry</i> , 2007, 14, 1673-1687.	1.2	156
72	Interest of RGD-containing linear or cyclic peptide targeted tetraphenylchlorin as novel photosensitizers for selective photodynamic activity. <i>Bioorganic Chemistry</i> , 2007, 35, 205-220.	2.0	74

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73	Metabolic Profile of a Peptide-Conjugated Chlorin-Type Photosensitizer Targeting Neuropilin-1: An in Vivo and in Vitro Study. <i>Drug Metabolism and Disposition</i> , 2007, 35, 806-813.	1.7	36
74	A peptide competing with VEGF165 binding on neuropilin-1 mediates targeting of a chlorin-type photosensitizer and potentiates its photodynamic activity in human endothelial cells. <i>Journal of Controlled Release</i> , 2006, 111, 153-164.	4.8	135
75	Recent Improvements in the Use of Synthetic Peptides for a Selective Photodynamic Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2006, 6, 469-488.	0.9	52
76	Design, synthesis, and biological evaluation of folic acid targeted tetraphenylporphyrin as novel photosensitizers for selective photodynamic therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 2799-2808.	1.4	188