

Paweł Mróz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9018780/publications.pdf>

Version: 2024-02-01

60
papers

9,880
citations

136950
32
h-index

161849
54
g-index

63
all docs

63
docs citations

63
times ranked

12080
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodynamic therapy of cancer: An update. <i>Ca-A Cancer Journal for Clinicians</i> , 2011, 61, 250-281.	329.8	3,902
2	Photodynamic therapy and anti-tumour immunity. <i>Nature Reviews Cancer</i> , 2006, 6, 535-545.	28.4	2,232
3	Cell Death Pathways in Photodynamic Therapy of Cancer. <i>Cancers</i> , 2011, 3, 2516-2539.	3.7	548
4	Photodynamic therapy with fullerenes. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 1139-1149.	2.9	259
5	Functionalized fullerenes mediate photodynamic killing of cancer cells: Type I versus Type II photochemical mechanism. <i>Free Radical Biology and Medicine</i> , 2007, 43, 711-719.	2.9	225
6	Stimulation of anti-tumor immunity by photodynamic therapy. <i>Expert Review of Clinical Immunology</i> , 2011, 7, 75-91.	3.0	209
7	Photodynamic therapy plus low-dose cyclophosphamide generates antitumor immunity in a mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5495-5500.	7.1	193
8	Protease-Stable Polycationic Photosensitizer Conjugates between Polyethyleneimine and Chlorin(e6) for Broad-Spectrum Antimicrobial Photoinactivation. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 1402-1410.	3.2	167
9	Effective Photoimmunotherapy of Murine Colon Carcinoma Induced by the Combination of Photodynamic Therapy and Dendritic Cells. <i>Clinical Cancer Research</i> , 2004, 10, 4498-4508.	7.0	142
10	Stable Synthetic Cationic Bacteriochlorins as Selective Antimicrobial Photosensitizers. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3834-3841.	3.2	136
11	Photodynamic Therapy of Tumors Can Lead to Development of Systemic Antigen-Specific Immune Response. <i>PLoS ONE</i> , 2010, 5, e15194.	2.5	126
12	Design features for optimization of tetrapyrrole macrocycles as antimicrobial and anticancer photosensitizers. <i>Chemical Biology and Drug Design</i> , 2017, 89, 192-206.	3.2	117
13	Imidazole metalloporphyrins as photosensitizers for photodynamic therapy: Role of molecular charge, central metal and hydroxyl radical production. <i>Cancer Letters</i> , 2009, 282, 63-76.	7.2	114
14	Antitumor Effects of Photodynamic Therapy Are Potentiated by 2-Methoxyestradiol. <i>Journal of Biological Chemistry</i> , 2003, 278, 407-414.	3.4	113
15	Proteasome Inhibition Potentiates Antitumor Effects of Photodynamic Therapy in Mice through Induction of Endoplasmic Reticulum Stress and Unfolded Protein Response. <i>Cancer Research</i> , 2009, 69, 4235-4243.	0.9	96
16	In Vitro Photodynamic Therapy and Quantitative Structure-Activity Relationship Studies with Stable Synthetic Near-Infrared-Absorbing Bacteriochlorin Photosensitizers. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4018-4027.	6.4	93
17	Photophysical characterization of imidazolium-substituted Pd(II), In(III), and Zn(II) porphyrins as photosensitizers for photodynamic therapy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 200, 346-355.	3.9	91
18	Stable synthetic bacteriochlorins overcome the resistance of melanoma to photodynamic therapy. <i>FASEB Journal</i> , 2010, 24, 3160-3170.	0.5	90

#	ARTICLE	IF	CITATIONS
19	Photodynamic Therapy for Cancer and for Infections: What Is the Difference?. Israel Journal of Chemistry, 2012, 52, 691-705.	2.3	81
20	The immunosuppressive side of PDT. Photochemical and Photobiological Sciences, 2011, 10, 751-758.	2.9	75
21	Epha2 is a critical oncogene in melanoma. Oncogene, 2011, 30, 4921-4929.	5.9	71
22	Bioconjugatable Porphyrins Bearing a Compact Swallowtail Motif for Water Solubility. Bioconjugate Chemistry, 2006, 17, 638-653.	3.6	67
23	Intraperitoneal photodynamic therapy mediated by a fullerene in a mouse model of abdominal dissemination of colon adenocarcinoma. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 965-974.	3.3	64
24	Photodynamic Therapy Can Induce a Protective Innate Immune Response against Murine Bacterial Arthritis via Neutrophil Accumulation. PLoS ONE, 2012, 7, e39823.	2.5	59
25	5-Aza-2'-deoxycytidine potentiates antitumour immune response induced by photodynamic therapy. European Journal of Cancer, 2014, 50, 1370-1381.	2.8	56
26	CpG oligodeoxynucleotide as immune adjuvant enhances photodynamic therapy response in murine metastatic breast cancer. Journal of Biophotonics, 2014, 7, 897-905.	2.3	50
27	Combination approaches to potentiate immune response after photodynamic therapy for cancer. Photochemical and Photobiological Sciences, 2011, 10, 792-801.	2.9	49
28	Photodynamic therapy plus regulatory T-cell depletion produces immunity against a mouse tumour that expresses a self-antigen. British Journal of Cancer, 2013, 109, 2167-2174.	6.4	46
29	Inhibition of cyclooxygenase-2 indirectly potentiates antitumor effects of photodynamic therapy in mice. Clinical Cancer Research, 2003, 9, 5417-22.	7.0	46
30	Photodynamic Therapy of Murine Mastocytoma Induces Specific Immune Responses against the Cancer/Testis Antigen P1A. Cancer Research, 2013, 73, 6462-6470.	0.9	40
31	Next generation sequencing for clinical diagnostics: Five year experience of an academic laboratory. Molecular Genetics and Metabolism Reports, 2019, 19, 100464.	1.1	38
32	Standardizing gene product nomenclature—a call to action. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	34
33	Cellular and vascular effects of the photodynamic agent temocene are modulated by the delivery vehicle. Journal of Controlled Release, 2012, 162, 355-363.	9.9	28
34	Central Pathology Review for Phase III Clinical Trials: The Enabling Effect of Virtual Microscopy. Archives of Pathology and Laboratory Medicine, 2013, 137, 492-495.	2.5	27
35	Erythropoietin restores the antitumor effectiveness of photodynamic therapy in mice with chemotherapy-induced anemia. Clinical Cancer Research, 2002, 8, 1265-70.	7.0	26
36	Macrophage-Targeted Photosensitizer Conjugate Delivered by Intratumoral Injection. Molecular Pharmaceutics, 2006, 3, 654-664.	4.6	20

#	ARTICLE	IF	CITATIONS
37	Dye-enhanced multimodal confocal microscopy for noninvasive detection of skin cancers in mouse models. Journal of Biomedical Optics, 2010, 15, 026023.	2.6	20
38	Linezolid and Vancomycin Decrease the Therapeutic Effect of Methylene Blue Photodynamic therapy in a Mouse Model of MRSA Bacterial Arthritis. Photochemistry and Photobiology, 2013, 89, 679-682.	2.5	18
39	Fullerenes as Photosensitizers in Photodynamic Therapy. Carbon Materials, 2008, , 79-106.	1.2	14
40	Multisite evaluation of institutional processes and implementation determinants for pharmacogenetic testing to guide antidepressant therapy. Clinical and Translational Science, 2022, 15, 371-383.	3.1	13
41	Pharmacogenomics education, research and clinical implementation in the state of Minnesota. Pharmacogenomics, 2021, 22, 681-691.	1.3	11
42	Assessing acquired resistance to IDH1 inhibitor therapy by full-exon IDH1 sequencing and structural modeling. Journal of Physical Education and Sports Management, 2021, 7, a006007.	1.2	10
43	Role of Src Kinases in Neu-Induced Tumorigenesis: Challenging the Paradigm Using Csk Homologous Kinase Transgenic Mice. Cancer Research, 2006, 66, 5757-5762.	0.9	9
44	A Rare Complication of Thymoma: Pure White Cell Aplasia in Good's Syndrome. Case Reports in Hematology, 2019, 2019, 1-4.	0.4	9
45	Photodynamic Therapy with Water-Soluble Cationic Fullerene Derivatives. Springer Series in Biomaterials Science and Engineering, 2016, , 145-200.	1.0	7
46	Development and Implementation of In-House Pharmacogenomic Testing Program at a Major Academic Health System. Frontiers in Genetics, 2021, 12, 712602.	2.3	6
47	AAF-cmk sensitizes tumor cells to trail-mediated apoptosis. Leukemia Research, 2004, 28, 53-61.	0.8	4
48	New stable synthetic bacteriochlorins for photodynamic therapy of melanoma. Proceedings of SPIE, 2009, , .	0.8	4
49	Photodynamic therapy for cancer and activation of immune response. Proceedings of SPIE, 2010, , .	0.8	4
50	Best worst scaling methodology to evaluate constructs of the Consolidated Framework for Implementation Research: application to the implementation of pharmacogenetic testing for antidepressant therapy. Implementation Science Communications, 2022, 3, 52.	2.2	4
51	Photodynamic therapy stimulates anti-tumor immunity in a murine mastocytoma model. Proceedings of SPIE, 2008, , .	0.8	3
52	Photodynamic therapy can induce non-specific protective immunity against a bacterial infection. , 2012, , .		3
53	Anti-tumor immune response after photodynamic therapy. Proceedings of SPIE, 2009, , .	0.8	2
54	Stimulation of dendritic cells enhances immune response after photodynamic therapy. Proceedings of SPIE, 2009, , .	0.8	2

#	ARTICLE	IF	CITATIONS
55	Combination immunotherapy and photodynamic therapy for cancer. , 2006, , .		1
56	Combination Immunotherapy and Photodynamic Therapy for Cancer. Lecture Notes in Electrical Engineering, 2008, , 99-113.	0.4	1
57	Photodynamic therapy stimulates anti-tumor immunity in a murine model. , 2007, , .		0
58	Combination of PDT and a DNA demethylating agent produces anti-tumor immune response in a mouse tumor model. , 2009, , .		0
59	The potential role of functional inhibition of T regulatory cells by anti-TGFβ ² antibody in photodynamic therapy of renal cancer. , 2011, , .		0
60	16 Bioluminescence imaging for monitoring the effectiveness of photodynamic therapy for infections in animal models. Series in Cellular and Clinical Imaging, 2017, , 313-322.	0.2	0