

# Paweł Mróz

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

9,880  
citations

136940

32  
h-index

161844

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

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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-2â€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 nomenclatureâ€”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

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

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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-TGF $\beta$ 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