

Angelika Muchowicz

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,568
citations

257357

24
h-index

315616

38
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44
all docs

44
docs citations

44
times ranked

2937
citing authors

#	ARTICLE	IF	CITATIONS
1	Aminolevulinic Acid (ALA) as a Prodrug in Photodynamic Therapy of Cancer. <i>Molecules</i> , 2011, 16, 4140-4164.	1.7	198
2	Photodynamic Therapy of Tumors Can Lead to Development of Systemic Antigen-Specific Immune Response. <i>PLoS ONE</i> , 2010, 5, e15194.	1.1	126
3	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.	0.4	96
4	Stable synthetic bacteriochlorins overcome the resistance of melanoma to photodynamic therapy. <i>FASEB Journal</i> , 2010, 24, 3160-3170.	0.2	90
5	Antitumor Immunity Triggered by Melphalan Is Potentiated by Melanoma Cell Surface-Associated Calreticulin. <i>Cancer Research</i> , 2015, 75, 1603-1614.	0.4	86
6	Exploring the Anti-Cancer Activity of Novel Thiosemicarbazones Generated through the Combination of Retro-Fragments: Dissection of Critical Structure-Activity Relationships. <i>PLoS ONE</i> , 2014, 9, e110291.	1.1	61
7	Zinc protoporphyrin IX, a heme oxygenase-1 inhibitor, demonstrates potent antitumor effects but is unable to potentiate antitumor effects of chemotherapeutics in mice. <i>BMC Cancer</i> , 2008, 8, 197.	1.1	59
8	5-Aza-2'-deoxycytidine potentiates antitumour immune response induced by photodynamic therapy. <i>European Journal of Cancer</i> , 2014, 50, 1370-1381.	1.3	56
9	Immunological aspects of antitumor photodynamic therapy outcome. <i>Central-European Journal of Immunology</i> , 2015, 4, 481-485.	0.4	55
10	Targeting peroxiredoxin 1 impairs growth of breast cancer cells and potently sensitises these cells to prooxidant agents. <i>British Journal of Cancer</i> , 2018, 119, 873-884.	2.9	49
11	Dimeric peroxiredoxins are druggable targets in human Burkitt lymphoma. <i>Oncotarget</i> , 2016, 7, 1717-1731.	0.8	48
12	Nitric oxide and peroxynitrite trigger and enhance release of neutrophil extracellular traps. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 3059-3075.	2.4	47
13	Approaches to improve photodynamic therapy of cancer. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 208.	3.0	44
14	Studies toward Novel Peptidomimetic Inhibitors of Thioredoxin-Thioredoxin Reductase System. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 55-67.	2.9	44
15	Photodynamic Therapy of Murine Mastocytoma Induces Specific Immune Responses against the Cancer/Testis Antigen P1A. <i>Cancer Research</i> , 2013, 73, 6462-6470.	0.4	40
16	Inhibition of lymphangiogenesis impairs antitumour effects of photodynamic therapy and checkpoint inhibitors in mice. <i>European Journal of Cancer</i> , 2017, 83, 19-27.	1.3	39
17	Adenanthin targets proteins involved in the regulation of disulphide bonds. <i>Biochemical Pharmacology</i> , 2014, 89, 210-216.	2.0	36
18	Inhibition of autophagy sensitizes cancer cells to Photofrin-based photodynamic therapy. <i>BMC Cancer</i> , 2018, 18, 210.	1.1	36

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19	The dual role of tumor lymphatic vessels in dissemination of metastases and immune response development. <i>Oncolmmunology</i> , 2016, 5, e1182278.	2.1	31
20	Iron Chelators in Photodynamic Therapy Revisited: Synergistic Effect by Novel Highly Active Thiosemicarbazones. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 336-339.	1.3	30
21	Homozygous truncating mutation in NRAP gene identified by whole exome sequencing in a patient with dilated cardiomyopathy. <i>Scientific Reports</i> , 2017, 7, 3362.	1.6	30
22	Optimization and regeneration kinetics of lymphatic-specific photodynamic therapy in the mouse dermis. <i>Angiogenesis</i> , 2014, 17, 347-357.	3.7	29
23	Inhibition of thioredoxin-dependent H ₂ O ₂ removal sensitizes malignant B-cells to pharmacological ascorbate. <i>Redox Biology</i> , 2019, 21, 101062.	3.9	29
24	SK053 triggers tumor cells apoptosis by oxidative stress-mediated endoplasmic reticulum stress. <i>Biochemical Pharmacology</i> , 2015, 93, 418-427.	2.0	26
25	Targeting Epigenetic Processes in Photodynamic Therapy-Induced Anticancer Immunity. <i>Frontiers in Oncology</i> , 2015, 5, 176.	1.3	25
26	New insights into redox homeostasis as a therapeutic target in B-cell malignancies. <i>Current Opinion in Hematology</i> , 2017, 24, 393-401.	1.2	24
27	Targeting the thioredoxin system as a novel strategy against B-cell acute lymphoblastic leukemia. <i>Molecular Oncology</i> , 2019, 13, 1180-1195.	2.1	24
28	Prenyltransferases Regulate CD20 Protein Levels and Influence Anti-CD20 Monoclonal Antibody-mediated Activation of Complement-dependent Cytotoxicity. <i>Journal of Biological Chemistry</i> , 2012, 287, 31983-31993.	1.6	19
29	PD-L1 CAR effector cells induce self-amplifying cytotoxic effects against target cells. , 2022, 10, e002500.		19
30	Adenanthin, a new inhibitor of thiol-dependent antioxidant enzymes, impairs the effector functions of human natural killer cells. <i>Immunology</i> , 2015, 146, 173-183.	2.0	16
31	Inhibition of IDO leads to IL-6-dependent systemic inflammation in mice when combined with photodynamic therapy. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1101-1112.	2.0	13
32	Investigation of cell death mechanisms in human lymphatic endothelial cells undergoing photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 14, 57-65.	1.3	12
33	Potent, p53-independent induction of NOXA sensitizes MLL-rearranged B-cell acute lymphoblastic leukemia cells to venetoclax. <i>Oncogene</i> , 2022, 41, 1600-1609.	2.6	9
34	Inhibition of protein disulfide isomerase induces differentiation of acute myeloid leukemia cells. <i>Haematologica</i> , 2018, 103, 1843-1852.	1.7	8
35	Overexpression of ATG5 Gene Makes Granulocyte-Like HL-60 Susceptible to Release Reactive Oxygen Species. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5194.	1.8	5
36	The Role of Neutrophils in the Pathogenesis of Chronic Lymphocytic Leukemia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 365.	1.8	4

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37	A Specific CD44 ^{lo} CD25 ^{lo} Subpopulation of Regulatory T Cells Inhibits Anti-Leukemic Immune Response and Promotes the Progression in a Mouse Model of Chronic Lymphocytic Leukemia. <i>Frontiers in Immunology</i> , 2022, 13, 781364.	2.2	3
38	Peroxiredoxins-1 and 2 Affect Proliferation and Survival of Lymphoma Cells. <i>Blood</i> , 2014, 124, 1693-1693.	0.6	1
39	Evaluation of the Antitumor Immune Response Following Photofrin-Based PDT in Combination with the Epigenetic Agent 5-Aza-2-Deoxycytidine. <i>Methods in Molecular Biology</i> , 2022, 2451, 559-567.	0.4	1
40	Preyl Transferases Are Involved in the Regulation of CD20 Levels and Influence Anti-CD20 Monoclonal Antibody-Mediated Activation of Complement-Dependent Cytotoxicity,. <i>Blood</i> , 2011, 118, 3722-3722.	0.6	0
41	SK053 An Inhibitor Of Enzymes Involved In Allosteric Disulfide Bonds Formation Induces Differentiation Of Human AML Cells. <i>Blood</i> , 2013, 122, 4215-4215.	0.6	0
42	Pharmacological Induction of NOXA Sensitizes High-Risk B Cell Acute Lymphoblastic Leukemia Cells to Venetoclax. <i>Blood</i> , 2020, 136, 17-18.	0.6	0
43	Lack of Functional P110 δ Affects Expression of Activation Marker CD80 but Does Not Influence Functions of Neutrophils. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6361.	1.8	0