Krystyna A UrbaÅ„ska

List of Publications by Year
in descending order

43 papers	1,771 citations	279701 23 h-index	265120 42 g-index
44 all docs	44 docs citations	44 times ranked	2438 citing authors

#	Article	IF	Citations
1	Mechanisms of Singletâ€Oxygen and Superoxideâ€Ion Generation by Porphyrins and Bacteriochlorins and their Implications in Photodynamic Therapy. Chemistry - A European Journal, 2010, 16, 9273-9286.	1.7	156
2	Peroxisome Proliferatorâ€“Activated Receptor Î± Activation Decreases Metastatic Potential of Melanoma Cells In vitro via Down-Regulation of Akt. Clinical Cancer Research, 2006, 12, 3028-3036.	3.2	142
3	Indocyanine green as a prospective sensitizer for photodynamic therapy of melanomas.. Acta Biochimica Polonica, 2002, 49, 387-391.	0.3	133
4	Photodynamic Therapy Efficacy Enhanced by Dynamics: The Role of Charge Transfer and Photostability in the Selection of Photosensitizers. Chemistry - A European Journal, 2014, 20, 5346-5357.	1.7	105
5	New Halogenated Waterâ€Soluble Chlorin and Bacteriochlorin as Photostable PDT Sensitizers: Synthesis, Spectroscopy, Photophysics, and inâ€...vitro Photosensitizing Efficacy. ChemMedChem, 2010, 5, 1770-1780.	1.6	98
6	Combined effects of singlet oxygen and hydroxyl radical in photodynamic therapy with photostable bacteriochlorins: Evidence from intracellular fluorescence and increased photodynamic efficacy in vitro. Free Radical Biology and Medicine, 2012, 52, 1188-1200.	1.3	80
7	Synthesis, Photophysical Studies and Anticancer Activity of a New Halogenated Waterâ€Soluble Porphyrin. Photochemistry and Photobiology, 2007, 83, 897-903.	1.3	73
8	Inhibition of melanoma metastases by fenofibrate. Archives of Dermatological Research, 2004, 296, 54-58.	1.1	69
9	The role of strong hypoxia in tumors after treatment in the outcome of bacteriochlorin-based photodynamic therapy. Free Radical Biology and Medicine, 2014, 73, 239-251.	1.3	69
10	Biodistribution and Photodynamic Efficacy of a Waterâ€Soluble, Stable, Halogenated Bacteriochlorin against Melanoma. ChemMedChem, 2011, 6, 465-475.	1.6	63
11	Light-Induced Anticancer Activity of [RuCl2(DMSO)4] Complexes. Journal of Medicinal Chemistry, 2005, 48, 7298-7304.	2.9	58
12	Verteporfin, photofrin II, and merocyanine 540 as PDT photosensitizers against melanoma cells. Biochemical and Biophysical Research Communications, 2006, 349, 549-555.	1.0	54
13	Melanin presence inhibits melanoma cell spread in mice in a unique mechanical fashion. Scientific Reports, 2019, 9, 9280.	1.6	51
14	NO-dependent phototoxicity of Roussinâ€™s black salt against cancer cells. Nitric Oxide - Biology and Chemistry, 2004, 10, 42-50.	1.2	50
15	Photodynamic activity of platinum(IV) chloride surface-modified TiO2 irradiated with visible light. Free Radical Biology and Medicine, 2008, 44, 1120-1130.	1.3	48
16	Tissue Uptake Study and Photodynamic Therapy of Melanomaâ€Bearing Mice with a Nontoxic, Effective Chlorin. ChemMedChem, 2011, 6, 1715-1726.	1.6	47
17	PPAR Î³ regulates MITF and Î²â€catenin expression and promotes a differentiated phenotype in mouse melanoma S91. Pigment Cell and Melanoma Research, 2008, 21, 388-396.	1.5	42
18	Age-dependent stimulatory effect of desipramine and fluoxetine pretreatment on metastasis formation by B16F10 melanoma in male C57BL/6 mice. Pharmacological Reports, 2009, 61, 1113-1126.	1.5	40

#	Article	IF	Citations
19	Improved biodistribution, pharmacokinetics and photodynamic efficacy using a new photostable sulfonamide bacteriochlorin. MedChemComm, 2012, 3, 502.	3.5	38
20	Indocyanine green as a prospective sensitizer for photodynamic therapy of melanomas. Acta Biochimica Polonica, 2002, 49, 387-91.	0.3	36
21	Central Metal Determines Pharmacokinetics of Chlorophyll-Derived Xenobiotics. Journal of Medicinal Chemistry, 2008, 51, 4412-4418.	2.9	34
22	Transplantable Melanomas in Hamsters and Gerbils as Models for Human Melanoma. Sensitization in Melanoma Radiotherapyâ€"From Animal Models to Clinical Trials. International Journal of Molecular Sciences, 2018, 19, 1048.	1.8	30
23	Nanomechanical Phenotype of Melanoma Cells Depends Solely on the Amount of Endogenous Pigment in the Cells. International Journal of Molecular Sciences, 2018, 19, 607.	1.8	25
24	Transplantable melanomas in gerbils (meriones unguiculatus). II: melanogenesis. Experimental Dermatology, 2003, 12, 356-364.	1.4	24
25	Zinc-pheophorbide aâ€"Highly efficient low-cost photosensitizer against human adenocarcinoma in cellular and animal models. Photodiagnosis and Photodynamic Therapy, 2013, 10, 266-277.	1.3	22
26	Determinants of the activity and substrate recognition of breast cancer resistance protein (ABCG2). Drug Metabolism Reviews, 2014, 46, 459-474.	1.5	21
27	Proteomic Analysis of Proton Beam Irradiated Human Melanoma Cells. PLoS ONE, 2014, 9, e84621.	1.1	19
28	Vitamin D receptors (VDR), hydroxylases CYP27B1 and CYP24A1 and retinoid-related orphan receptors (ROR) level in human uveal tract and ocular melanoma with different melanization levels. Scientific Reports, 2019, 9, 9142.	1.6	19
29	Photocytotoxicity of platinum(IV)-chloride surface modified TiO2 irradiated with visible light against murine macrophages. Journal of Photochemistry and Photobiology B: Biology, 2008, 92, 54-58.	1.7	14
30	Increased elasticity of melanoma cells after low-LET proton beam due to actin cytoskeleton rearrangements. Scientific Reports, 2019, 9, 7008.	1.6	14
31	Knocking out the Vitamin D Receptor Enhances Malignancy and Decreases Responsiveness to Vitamin D3 Hydroxyderivatives in Human Melanoma Cells. Cancers, 2021, 13, 3111.	1.7	14
32	Nitrosylhemoglobin in photodynamically stressed human tumors growing in nude mice. Nitric Oxide - Biology and Chemistry, 2013, 35, 79-88.	1.2	13
33	Calcitriol and Calcidiol Can Sensitize Melanoma Cells to Lowâ€"LET Proton Beam Irradiation. International Journal of Molecular Sciences, 2018, 19, 2236.	1.8	13
34	Proton beam irradiation inhibits the migration of melanoma cells. PLoS ONE, 2017, 12, e0186002.	1.1	13
35	Angiomorphology of the pigmented bomirski melanoma growing in hamster eye. Annals of Anatomy, 2001, 183, 559-565.	1.0	12
36	Metastasis inhibition after proton beam, Î²- and Î³-irradiation of melanoma growing in the hamster eye.. Acta Biochimica Polonica, 2013, 60, .	0.3	7

#	ARTICLE	IF	CITATIONS
37	Acute hepatologic and nephrologic effects of calcitriol in Syrian golden hamster (Mesocricetus) Tj ETQq1 1 0.784314 rgBT /Overlock	0.3	5
38	Visualization and Quantitative 3D Analysis of Intraocular Melanoma and Its Vascularization in a Hamster Eye. International Journal of Molecular Sciences, 2018, 19, 332.	1.8	5
39	Pulmonary metastases of the A549-derived lung adenocarcinoma tumors growing in nude mice. A multiple case study. Acta Biochimica Polonica, 2013, 60, 323-30.	0.3	4
40	Transient Vasodilation in Mouse 4T1 Tumors after Intragastric and Intravenous Administration of Gold Nanoparticles. International Journal of Molecular Sciences, 2021, 22, 2361.	1.8	3
41	Systemic Mobilization of Breast Cancer Resistance Protein in Response to Oncogenic Stress. Cancers, 2022, 14, 313.	1.7	3
42	Metastasis inhibition after proton beam, Î²- and Î³-irradiation of melanoma growing in the hamster eye. Acta Biochimica Polonica, 2013, 60, 307-11.	0.3	3
43	Optimization of Western blotting analysis for the isolation and detection of membrane xenobiotic transporter ABCG2. Acta Biochimica Polonica, 2017, 64, 437-443.	0.3	2