

Martyna Elas

List of Publications by Year in descending order

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54
papers

1,314
citations

394421

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361022

35
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57
all docs

57
docs citations

57
times ranked

1665
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver Nanoparticles Inhibit Metastasis of 4T1 Tumor in Mice after Intragastric but Not Intravenous Administration. <i>Materials</i> , 2022, 15, 3837.	2.9	5
2	Amelanotic Uveal Melanomas Evaluated by Indirect Ophthalmoscopy Reveal Better Long-Term Prognosis Than Pigmented Primary Tumours – A Single Centre Experience. <i>Cancers</i> , 2022, 14, 2753.	3.7	6
3	Transient Vasodilation in Mouse 4T1 Tumors after Intragastric and Intravenous Administration of Gold Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2361.	4.1	3
4	Nuclear Pseudoinclusions and Intranuclear Grooves Have an Important Impact on the Long-term Survival of Patients With Uveal Melanoma. <i>Anticancer Research</i> , 2021, 41, 517-526.	1.1	0
5	CD44 cells determine fenofibrate-induced microevolution of drug-resistance in prostate cancer cell populations. <i>Stem Cells</i> , 2020, , .	3.2	4
6	CD44+ cells determine fenofibrate-induced microevolution of drug-resistance in prostate cancer cell populations. <i>Stem Cells</i> , 2020, 38, 1544-1556.	3.2	11
7	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. <i>Scientific Reports</i> , 2019, 9, 9142.	3.3	19
8	Electron Paramagnetic Resonance Imaging-Solo and Orchestra. , 2019, , 1-42.		0
9	Merging Preclinical EPR Tomography with other Imaging Techniques. <i>Cell Biochemistry and Biophysics</i> , 2019, 77, 187-196.	1.8	7
10	Effects of Photodynamic Therapy with Redaporfin on Tumor Oxygenation and Blood Flow in a Lung Cancer Mouse Model. <i>Scientific Reports</i> , 2019, 9, 12655.	3.3	39
11	Data processing of 3D and 4D in-vivo electron paramagnetic resonance imaging co-registered with ultrasound. 3D printing as a registration tool. <i>Computers and Electrical Engineering</i> , 2019, 74, 130-137.	4.8	6
12	Increased elasticity of melanoma cells after low-LET proton beam due to actin cytoskeleton rearrangements. <i>Scientific Reports</i> , 2019, 9, 7008.	3.3	14
13	Fenofibrate Augments the Sensitivity of Drug-Resistant Prostate Cancer Cells to Docetaxel. <i>Cancers</i> , 2019, 11, 77.	3.7	22
14	Redox-Active Quinone Chelators: Properties, Mechanisms of Action, Cell Delivery, and Cell Toxicity. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1394-1403.	5.4	31
15	Acute hepatologic and nephrologic effects of calcitriol in Syrian golden hamster (<i>Mesocricetus</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10 0,5 5		
16	Calcitriol and Calcidiol Can Sensitize Melanoma Cells to Low-LET Proton Beam Irradiation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2236.	4.1	13
17	Visualization and Quantitative 3D Analysis of Intraocular Melanoma and Its Vascularization in a Hamster Eye. <i>International Journal of Molecular Sciences</i> , 2018, 19, 332.	4.1	5
18	Transplantable Melanomas in Hamsters and Gerbils as Models for Human Melanoma. Sensitization in Melanoma Radiotherapy – From Animal Models to Clinical Trials. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1048.	4.1	30

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19	Correlation Between Hypoxia Proteins and EPR-Detected Hypoxia in Tumors. <i>Advances in Experimental Medicine and Biology</i> , 2017, 977, 319-325.	1.6	9
20	Proton beam irradiation inhibits the migration of melanoma cells. <i>PLoS ONE</i> , 2017, 12, e0186002.	2.5	13
21	Imaging of hypoxia in small animals with ¹⁸ F fluoromisonidasole. <i>Nukleonika</i> , 2016, 61, 219-223.	0.8	2
22	Proteomic Analysis of Proton Beam Irradiated Human Melanoma Cells. <i>PLoS ONE</i> , 2014, 9, e84621.	2.5	19
23	The role of strong hypoxia in tumors after treatment in the outcome of bacteriochlorin-based photodynamic therapy. <i>Free Radical Biology and Medicine</i> , 2014, 73, 239-251.	2.9	69
24	Zinc-pheophorbide a highly efficient low-cost photosensitizer against human adenocarcinoma in cellular and animal models. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 266-277.	2.6	22
25	EPR Oxygen Images Predict Tumor Control by a 50% Tumor Control Radiation Dose. <i>Cancer Research</i> , 2013, 73, 5328-5335.	0.9	55
26	Radiation Oxygen Biology with Pulse Electron Paramagnetic Resonance Imaging in Animal Tumors. <i>Advances in Experimental Medicine and Biology</i> , 2013, 789, 399-404.	1.6	5
27	Metastasis inhibition after proton beam, ¹² I- and ¹³ I-irradiation of melanoma growing in the hamster eye.. <i>Acta Biochimica Polonica</i> , 2013, 60, .	0.5	7
28	Metastasis inhibition after proton beam, ¹² I- and ¹³ I-irradiation of melanoma growing in the hamster eye. <i>Acta Biochimica Polonica</i> , 2013, 60, 307-11.	0.5	3
29	Oxidative Stress Imaging in Live Animals with Techniques Based on Electron Paramagnetic Resonance. <i>Radiation Research</i> , 2012, 177, 514-523.	1.5	28
30	Where It Matters at Really Matters: In Situ In Vivo Vascular Endothelial Growth Factor Spatially Correlates with Electron Paramagnetic Resonance pO ₂ Images in Tumors of Living Mice. <i>Molecular Imaging and Biology</i> , 2011, 13, 1107-1113.	2.6	24
31	Electron Paramagnetic Resonance Oxygen Image Hypoxic Fraction Plus Radiation Dose Strongly Correlates With Tumor Cure in F5a Fibrosarcomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 71, 542-549.	0.8	80
32	Detection of mitochondrial dysfunction by EPR technique in mouse model of dilated cardiomyopathy. <i>Free Radical Biology and Medicine</i> , 2008, 45, 321-328.	2.9	40
33	Lifespan of etoposide-treated human neutrophils is affected by antioxidant ability of quercetin. <i>Toxicology in Vitro</i> , 2007, 21, 1020-1030.	2.4	33
34	In vivo spin trapping of nitric oxide from animal tumors. <i>Nitric Oxide - Biology and Chemistry</i> , 2007, 16, 202-208.	2.7	14
35	Verteporfin, photofrin II, and merocyanine 540 as PDT photosensitizers against melanoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 549-555.	2.1	54
36	Reduction of Image Artifacts in Mice by Bladder Flushing with a Novel Double-Lumen Urethral Catheter. <i>Molecular Imaging</i> , 2006, 5, 7290.2006.00020.	1.4	14

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37	Electron Paramagnetic Resonance Oxygen Images Correlate Spatially and Quantitatively with Oxylite Oxygen Measurements. <i>Clinical Cancer Research</i> , 2006, 12, 4209-4217.	7.0	117
38	Reduction of image artifacts in mice by bladder flushing with a novel double-lumen urethral catheter. <i>Molecular Imaging</i> , 2006, 5, 175-9.	1.4	9
39	Protective Effects of N-Acetylcysteine and Vitamin E Derivative U83836E on Proteins Modifications Induced by Methanol Intoxication. <i>Toxicology Mechanisms and Methods</i> , 2005, 15, 263-270.	2.7	2
40	Nitroxide conjugate of a thermally responsive elastin-like polypeptide for noninvasive thermometry. <i>Medical Physics</i> , 2004, 31, 2755-2762.	3.0	20
41	NO-dependent phototoxicity of Roussin's black salt against cancer cells. <i>Nitric Oxide - Biology and Chemistry</i> , 2004, 10, 42-50.	2.7	50
42	Nitric oxide complexes in the interaction between primary and secondary tumor of L5178Y lymphoma. <i>Nitric Oxide - Biology and Chemistry</i> , 2004, 11, 279-289.	2.7	5
43	Quantitative tumor oxymetric images from 4D electron paramagnetic resonance imaging (EPRI): Methodology and comparison with blood oxygen level-dependent (BOLD) MRI. <i>Magnetic Resonance in Medicine</i> , 2003, 49, 682-691.	3.0	187
44	Oral administration is as effective as intraperitoneal administration of amifostine in decreasing nitroxide EPR signal decay in vivo. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2003, 1637, 151-155.	3.8	14
45	X-band and S-band EPR detection of nitric oxide in murine endotoxaemia using spin trapping by ferro-di(N-(dithiocarboxy)sarcosine).. <i>Acta Biochimica Polonica</i> , 2003, 50, 799-806.	0.5	6
46	Intracisternal Sodium Nitroprusside Fails to Prevent Vasospasm in Nonhuman Primates. <i>Neurosurgery</i> , 2002, 51, 761-770.	1.1	17
47	Intracisternal sodium nitroprusside fails to prevent vasospasm in nonhuman primates. <i>Neurosurgery</i> , 2002, 51, 761-8; discussion 768-70.	1.1	9
48	5-Carboxy-5-methyl-1-pyrroline N-oxide: a spin trap for the hydroxyl radical. <i>Perkin Transactions II RSC</i> , 2001, , 875-880.	1.1	14
49	Angiomorphology of the pigmented bomirski melanoma growing in hamster eye. <i>Annals of Anatomy</i> , 2001, 183, 559-565.	1.9	12
50	Tetrahydrobiopterin Scavenges Superoxide in Dopaminergic Neurons. <i>Journal of Biological Chemistry</i> , 2001, 276, 34402-34407.	3.4	86
51	The effects of peritumoral therapeutic vaccination with IL-2-secreting cells on growth of MC38 colon tumours in mice, local NO production and sentinel lymph node cells activation. <i>Advances in Experimental Medicine and Biology</i> , 2001, 495, 385-388.	1.6	2
52	Experimental ruthenium plaque therapy of amelanotic and melanotic melanomas in the hamster eye. <i>Melanoma Research</i> , 2000, 10, 26-35.	1.2	13
53	Effect of methanol intoxication on free-radical induced protein oxidation. , 2000, 20, 239-243.		28
54	EPR Signals Detectable in Human Tumors. , 1998, , 353-370.		0