

Bin Chen

List of Publications by Year in descending order

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26
papers

1,249
citations

471509

17
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1538
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular and Cellular Targeting for Photodynamic Therapy. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2006, 16, 279-306.	0.9	205
2	Tumor Vascular Permeabilization by Vascular-Targeting Photosensitization: Effects, Mechanism, and Therapeutic Implications. <i>Clinical Cancer Research</i> , 2006, 12, 917-923.	7.0	159
3	Aminolevulinic Acid-Based Tumor Detection and Therapy: Molecular Mechanisms and Strategies for Enhancement. <i>International Journal of Molecular Sciences</i> , 2015, 16, 25865-25880.	4.1	131
4	Combining vascular and cellular targeting regimens enhances the efficacy of photodynamic therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 61, 1216-1226.	0.8	112
5	Blood Flow Dynamics after Photodynamic Therapy with Verteporfin in the RIF-1 Tumor. <i>Radiation Research</i> , 2003, 160, 452-459.	1.5	79
6	Pretreatment photosensitizer dosimetry reduces variation in tumor response. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 64, 1211-1220.	0.8	75
7	ABCG2 transporter inhibitor restores the sensitivity of triple negative breast cancer cells to aminolevulinic acid-mediated photodynamic therapy. <i>Scientific Reports</i> , 2015, 5, 13298.	3.3	65
8	Antivascular Tumor Eradication by Hypericin-mediated Photodynamic Therapy. <i>Photochemistry and Photobiology</i> , 2002, 76, 509.	2.5	56
9	Disparity between prostate tumor interior versus peripheral vasculature in response to verteporfin-mediated vascular-targeting therapy. <i>International Journal of Cancer</i> , 2008, 123, 695-701.	5.1	49
10	Effect of tumor host microenvironment on photodynamic therapy in a rat prostate tumor model. <i>Clinical Cancer Research</i> , 2005, 11, 720-7.	7.0	48
11	Protoporphyrin IX Level Correlates with Number of Mitochondria, But Increase in Production Correlates with Tumor Cell Size. <i>Photochemistry and Photobiology</i> , 2006, 82, 1334.	2.5	41
12	Intravital Microscopic Analysis of Vascular Perfusion and Macromolecule Extravasation after Photodynamic Vascular Targeting Therapy. <i>Pharmaceutical Research</i> , 2008, 25, 1873-1880.	3.5	36
13	Effects of Silencing Heme Biosynthesis Enzymes on 5-Aminolevulinic Acid-mediated Protoporphyrin IX Fluorescence and Photodynamic Therapy. <i>Photochemistry and Photobiology</i> , 2015, 91, 923-930.	2.5	35
14	Targeting Phosphatidylinositol 3-Kinase Signaling Pathway for Therapeutic Enhancement of Vascular-Targeted Photodynamic Therapy. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 2422-2431.	4.1	30
15	Her2 oncogene transformation enhances 5-aminolevulinic acid-mediated protoporphyrin IX production and photodynamic therapy response. <i>Oncotarget</i> , 2016, 7, 57798-57810.	1.8	19
16	Ferrochelatase Deficiency Abrogated the Enhancement of Aminolevulinic Acid-mediated Protoporphyrin IX by Iron Chelator Deferoxamine. <i>Photochemistry and Photobiology</i> , 2019, 95, 1052-1059.	2.5	18
17	Therapeutic enhancement of vascular-targeted photodynamic therapy by inhibiting proteasomal function. <i>Cancer Letters</i> , 2013, 339, 128-134.	7.2	17
18	Comparison between endothelial and tumor cells in the response to verteporfin-photodynamic therapy and a PI3K pathway inhibitor. <i>Photodiagnosis and Photodynamic Therapy</i> , 2015, 12, 19-26.	2.6	16

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19	Combination of Phosphatidylinositol 3-Kinases Pathway Inhibitor and Photodynamic Therapy in Endothelial and Tumor Cells. <i>Photochemistry and Photobiology</i> , 2012, 88, 1265-1272.	2.5	15
20	Evaluation of aminolevulinic acid-mediated protoporphyrin IX fluorescence and enhancement by ABCG2 inhibitors in renal cell carcinoma cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 211, 112017.	3.8	12
21	Inhibition of ABCG2 transporter by lapatinib enhances 5-aminolevulinic acid-mediated protoporphyrin IX fluorescence and photodynamic therapy response in human glioma cell lines. <i>Biochemical Pharmacology</i> , 2022, 200, 115031.	4.4	12
22	Small molecule kinase inhibitors enhance aminolevulinic acid-mediated protoporphyrin IX fluorescence and PDT response in triple negative breast cancer cell lines. <i>Journal of Biomedical Optics</i> , 2021, 26, .	2.6	8
23	Therapeutic Enhancement of Verteporfin-mediated Photodynamic Therapy by mTOR Inhibitors. <i>Photochemistry and Photobiology</i> , 2020, 96, 358-364.	2.5	6
24	Analysis of Effective Molecular Diffusion Rates for Verteporfin in Subcutaneous Versus Orthotopic Dunning Prostate Tumors [†] . <i>Photochemistry and Photobiology</i> , 2004, 79, 323-331.	2.5	3
25	Potential of Photodynamic Therapy with Hypericin by Mitomycin C in the Radiation-induced Fibrosarcoma-1 Mouse Tumor Model [†] . <i>Photochemistry and Photobiology</i> , 2007, 78, 278-282.	2.5	1
26	Methods to Measure the Inhibition of ABCG2 Transporter and Ferrochelatase Activity to Enhance Aminolevulinic Acid-Protoporphyrin IX Fluorescence-Guided Tumor Detection and Resection. <i>Methods in Molecular Biology</i> , 2022, 2394, 823-835.	0.9	1