

# Barbara Krammer

## List of Publications by Year in descending order

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54  
papers

2,590  
citations

236925

25  
h-index

189892

50  
g-index

59  
all docs

59  
docs citations

59  
times ranked

3646  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of ALA-mediated photodynamic therapy on secretion of interleukins 6, 8 and 10 by colon cancer cells in vitro. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 22, 137-139.	2.6	12
2	Secretion of the angiogenic factor VEGF after photodynamic therapy with ALA under hypoxia-like conditions in colon cancer cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 16-18.	2.6	19
3	Reduction of cancer cell viability by synergistic combination of photodynamic treatment with the inhibition of the Id protein family. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 178, 521-529.	3.8	6
4	Targeting of a Helix-Loop-Helix Transcriptional Regulator by a Short Helical Peptide. <i>ChemMedChem</i> , 2017, 12, 1497-1503.	3.2	6
5	Fluorescence-based CdTe nanosensor for sensitive detection of cytochrome C. <i>Biosensors and Bioelectronics</i> , 2017, 98, 415-420.	10.1	38
6	Boosting Tumor-Specific Immunity Using PDT. <i>Cancers</i> , 2016, 8, 91.	3.7	74
7	A new biocompatible nanocomposite as a promising constituent of sunscreens. <i>Materials Science and Engineering C</i> , 2016, 63, 46-51.	7.3	18
8	Photodynamic treatment with hexyl-aminolevulinatate mediates reversible thiol oxidation in core oxidative stress signaling proteins. <i>Molecular BioSystems</i> , 2016, 12, 796-805.	2.9	8
9	Cytotoxicity of Magnetic Nanoparticles on Normal and Malignant Human Skin Cells. <i>Nano LIFE</i> , 2014, 04, 1440002.	0.9	10
10	Molecular Biological Mechanisms in Photodynamic Therapy. , 2014, , 59-66.		0
11	Applicability of new degradable hypericin-polymer-conjugates as photosensitizers: principal mode of action demonstrated by in vitro models. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1607-1620.	2.9	24
12	The interrelation between a pro-inflammatory milieu and fluorescence diagnosis or photodynamic therapy of human skin cell lines. <i>Photodiagnosis and Photodynamic Therapy</i> , 2014, 11, 91-103.	2.6	10
13	Back to the roots: photodynamic inactivation of bacteria based on water-soluble curcumin bound to polyvinylpyrrolidone as a photosensitizer. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1795-1802.	2.9	55
14	Photosensitizer Adhered to Cell Culture Microplates Induces Phototoxicity in Carcinoma Cells. <i>BioMed Research International</i> , 2013, 2013, 1-11.	1.9	5
15	In Vitro Analysis of Photosensitizer Accumulation for Assessment of Applicability of Fluorescence Diagnosis of Squamous Cell Carcinoma of Epidermolysis Bullosa Patients. <i>BioMed Research International</i> , 2013, 2013, 1-14.	1.9	7
16	Molecular Response to Hypericin-Induced Photodamage. <i>Current Medicinal Chemistry</i> , 2012, 19, 793-798.	2.4	57
17	Epidermolysis bullosa " a group of skin diseases with different causes but commonalities in gene expression. <i>Experimental Dermatology</i> , 2012, 21, 526-530.	2.9	16
18	Low dose hypericin-PDT induces complete tumor regression in BALB/c mice bearing CT26 colon carcinoma. <i>Photodiagnosis and Photodynamic Therapy</i> , 2011, 8, 291-296.	2.6	57

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19	TGF $\beta$ <sup>2</sup> -signaling in Squamous Cell Carcinoma Occurring in Recessive Dystrophic Epidermolysis Bullosa. Analytical Cellular Pathology, 2011, 34, 339-353.	1.4	31
20	Fluorescence detection and depletion of T47D breast cancer cells from human mononuclear cell-enriched blood preparations by photodynamic treatment: Basic in vitro experiments towards the removal of circulating tumor cells. Lasers in Surgery and Medicine, 2011, 43, 548-556.	2.1	9
21	Lipophilic rather than hydrophilic photosensitizers show strong adherence to standard cell culture microplates under cell-free conditions. Journal of Photochemistry and Photobiology B: Biology, 2011, 103, 222-229.	3.8	6
22	TGF $\beta$ <sup>2</sup> -signaling in squamous cell carcinoma occurring in recessive dystrophic epidermolysis bullosa. Analytical Cellular Pathology, 2011, 34, 339-53.	1.4	18
23	Comparative in vitro study on the characteristics of different photosensitizers employed in PDT. Journal of Photochemistry and Photobiology B: Biology, 2010, 100, 173-180.	3.8	120
24	Antibacterial effect of some benzopyrone derivatives. European Journal of Medicinal Chemistry, 2010, 45, 372-378.	5.5	45
25	Antibacterial photodynamic therapy using water-soluble formulations of hypericin or mTHPC is effective in inactivation of Staphylococcus aureus. Photochemical and Photobiological Sciences, 2010, 9, 365-369.	2.9	73
26	MOLECULAR MECHANISMS AND APOPTOSIS IN PDT. , 2010, , .		0
27	Time-resolved gene expression profiling of human squamous cell carcinoma cells during the apoptosis process induced by photodynamic treatment with hypericin. International Journal of Oncology, 2009, 35, 921-39.	3.3	20
28	Photophysics and photochemistry of photodynamic therapy: fundamental aspects. Lasers in Medical Science, 2009, 24, 259-268.	2.1	685
29	Rapid and sensitive microplate assay for screening the effect of silver and gold nanoparticles on bacteria. Nanomedicine, 2009, 4, 637-643.	3.3	60
30	ALA and its clinical impact, from bench to bedside. Photochemical and Photobiological Sciences, 2008, 7, 283-289.	2.9	213
31	Comparative characterization of the efficiency and cellular pharmacokinetics of Foscan <sup>®</sup> - and Foslip <sup>®</sup> -based photodynamic treatment in human biliary tract cancer cell lines. Photochemical and Photobiological Sciences, 2007, 6, 619-627.	2.9	85
32	Glucose is Required to Maintain High ATP-levels for the Energy-utilizing Steps During PDT-induced Apoptosis. Photochemistry and Photobiology, 2007, 76, 695-703.	2.5	2
33	Characterization of a simple and homogeneous irradiation device based on light-emitting diodes: A possible low-cost supplement to conventional light sources for photodynamic treatment. Medical Laser Application: International Journal for Laser Treatment and Research, 2006, 21, 277-283.	0.3	40
34	Antiproliferative Properties of Padma Lax and Its Components Ginger and Elecampane. Research in Complementary Medicine, 2006, 13, 18-22.	2.2	11
35	Cellular Mechanisms and Prospective Applications of Hypericin in Photodynamic Therapy. Current Medicinal Chemistry, 2006, 13, 2189-2204.	2.4	106
36	Characterization of Apoptosis Induced by Photodynamic Treatment with Hypericin in A431 Human Epidermoid Carcinoma Cells. Journal of Environmental Pathology, Toxicology and Oncology, 2006, 25, 173-188.	1.2	45

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37	Apoptosis Following Photodynamic Tumor Therapy: Induction, Mechanisms and Detection. <i>Current Pharmaceutical Design</i> , 2005, 11, 1151-1165.	1.9	112
38	Differential effects of glucose deprivation on the cellular sensitivity towards photodynamic treatment-based production of reactive oxygen species and apoptosis-induction. <i>FEBS Letters</i> , 2005, 579, 185-190.	2.8	44
39	Photodynamic Treatment with Fractionated Light Decreases Production of Reactive Oxygen Species and Cytotoxicity In <i>in vitro</i> via Regeneration of Glutathione. <i>Photochemistry and Photobiology</i> , 2005, 81, 609-613.	2.5	3
40	Photodynamic Treatment with Fractionated Light Decreases Production of Reactive Oxygen Species and Cytotoxicity In <i>in vitro</i> via Regeneration of Glutathione. <i>Photochemistry and Photobiology</i> , 2005, 81, 609.	2.5	27
41	The Modes of Cell Death Induced by PDT: An Overview. <i>Medical Laser Application: International Journal for Laser Treatment and Research</i> , 2003, 18, 7-19.	0.3	88
42	Fast and reliable determination of intracellular ATP from cells cultured in 96-well microplates. <i>Journal of Proteomics</i> , 2003, 57, 247-251.	2.4	21
43	Characterization of the cell death modes and the associated changes in cellular energy supply in response to ALPcS4-PDT. <i>Photochemical and Photobiological Sciences</i> , 2002, 1, 172-177.	2.9	79
44	Glucose is Required to Maintain High ATP-levels for the Energy-utilizing Steps During PDT-induced Apoptosis. <i>Photochemistry and Photobiology</i> , 2002, 76, 695.	2.5	27
45	Plasma Membrane Properties Involved in the Photodynamic Efficacy of Merocyanine 540 and Tetrasulfonated Aluminum Phthalocyanine. <i>Photochemistry and Photobiology</i> , 2000, 71, 341-346.	2.5	12
46	Activation of macrophage tumoricidal activity by photodynamic treatment in vitro-indirect activation of macrophages by photodynamically killed tumor cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1999, 50, 99-107.	3.8	5
47	bcl-2 and c-erbB-2 proteins are involved in the regulation of VEGF and of thymidine phosphorylase angiogenic activity in non-small-cell lung cancer. <i>Clinical and Experimental Metastasis</i> , 1999, 17, 545-554.	3.3	48
48	Expression kinetics of the (proto)oncogenes c-myc and bcl-2 following photodynamic treatment of normal and transformed human fibroblasts with 5-aminolaevulinic acid-stimulated endogenous protoporphyrin IX. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1998, 45, 131-135.	3.8	11
49	Effect of Photodynamic Pretreatment on the Susceptibility of Murine Tumor Cells To Macrophage Antitumor Mechanisms. <i>Photochemistry and Photobiology</i> , 1997, 66, 384-388.	2.5	8
50	Role of Calcium in Photodynamically Induced Cell Damage of Human Fibroblasts. <i>Photochemistry and Photobiology</i> , 1996, 64, 211-215.	2.5	51
51	Does 5-aminolaevulinic acid induce genotoxic effects?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1996, 33, 39-44.	3.8	41
52	Cyto- and genotoxic potential of the photosensitizer Photosan 3 in the absence of light. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1994, 22, 241-246.	3.8	7
53	Gene expression profiling of the human carcinoma cell line A-431 after 5-aminolevulinic acid-based photodynamic treatment. <i>International Journal of Oncology</i> , 0, , .	3.3	3
54	Gene expression pattern following photodynamic treatment of the carcinoma cell line A-431 analysed by cDNA arrays. <i>International Journal of Oncology</i> , 0, , .	3.3	8