

Kristian Berg

List of Publications by Year in descending order

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190
papers

13,504
citations

38742
50
h-index

22832
112
g-index

196
all docs

196
docs citations

196
times ranked

11457
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodynamic therapy of cancer: An update. <i>Ca-A Cancer Journal for Clinicians</i> , 2011, 61, 250-281.	329.8	3,902
2	5-Aminolevulinic acid-based photodynamic therapy. <i>Cancer</i> , 1997, 79, 2282-2308.	4.1	1,000
3	THE PHOTODEGRADATION OF PORPHYRINS IN CELLS CAN BE USED TO ESTIMATE THE LIFETIME OF SINGLET OXYGEN. <i>Photochemistry and Photobiology</i> , 1991, 53, 549-553.	2.5	909
4	5-Aminolevulinic Acid-Based Photodynamic Therapy: Principles and Experimental Research. <i>Photochemistry and Photobiology</i> , 1997, 65, 235-251.	2.5	567
5	PHOTOCHEMOTHERAPY OF CANCER: EXPERIMENTAL RESEARCH. <i>Photochemistry and Photobiology</i> , 1992, 55, 931-948.	2.5	388
6	Photochemical internalization provides time- and space-controlled endolysosomal escape of therapeutic molecules. <i>Journal of Controlled Release</i> , 2010, 148, 2-12.	9.9	248
7	Photochemical internalisation in drug and gene delivery. <i>Advanced Drug Delivery Reviews</i> , 2004, 56, 95-115.	13.7	206
8	Assessing autophagy in the context of photodynamic therapy. <i>Autophagy</i> , 2010, 6, 7-18.	9.1	203
9	Evaluation of a new photosensitizer, meso-tetra-hydroxyphenyl-chlorin, for use in photodynamic therapy: A comparison of its photobiological properties with those of two other photosensitizers. <i>International Journal of Cancer</i> , 1994, 57, 883-888.	5.1	163
10	Lysosomes and Microtubules as Targets for Photochemotherapy of Cancer. <i>Photochemistry and Photobiology</i> , 1997, 65, 403-409.	2.5	161
11	5-Aminolevulinic Acid, but not 5-Aminolevulinic Acid Esters, is Transported into Adenocarcinoma Cells by System BETA Transporters. <i>Photochemistry and Photobiology</i> , 2000, 71, 640.	2.5	152
12	Lysosomes as photochemical targets. <i>International Journal of Cancer</i> , 1994, 59, 814-822.	5.1	146
13	In vivo documentation of photochemical internalization, a novel approach to site specific cancer therapy. <i>International Journal of Cancer</i> , 2001, 92, 761-766.	5.1	126
14	Site-Specific Drug Delivery by Photochemical Internalization Enhances the Antitumor Effect of Bleomycin. <i>Clinical Cancer Research</i> , 2005, 11, 8476-8485.	7.0	126
15	LIGHT INDUCED RELOCALIZATION OF SULFONATED meso-TETRAPHENYLPORPHINES IN NHIK 3025 CELLS AND EFFECTS OF DOSE FRACTIONATION. <i>Photochemistry and Photobiology</i> , 1991, 53, 203-210.	2.5	124
16	Photochemical Internalization: A New Tool for Drug Delivery. <i>Current Pharmaceutical Biotechnology</i> , 2007, 8, 362-372.	1.6	116
17	Photobleaching of protoporphyrin IX in cells incubated with 5-aminolevulinic acid. , 1997, 70, 90-97.		106
18	Disulfonated tetraphenyl chlorin (TPCS2a), a novel photosensitizer developed for clinical utilization of photochemical internalization. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1637-1651.	2.9	105

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19	Photochemical Transfection: A New Technology for Light-Induced, Site-Directed Gene Delivery. Human Gene Therapy, 2000, 11, 869-880.	2.7	104
20	Sulfonated aluminium phthalocyanines as sensitizers for photochemotherapy. Effects of small light doses on localization, dye fluorescence and photosensitivity in V79 cells. International Journal of Cancer, 1994, 58, 865-870.	5.1	98
21	INTRACELLULAR LOCALIZATION OF SULFONATED meso-TETRAPHENYLPORPHINES IN A HUMAN CARCINOMA CELL LINE*. Photochemistry and Photobiology, 1990, 52, 481-487.	2.5	96
22	Photochemical internalization (PCI) in cancer therapy: From bench towards bedside medicine. Journal of Photochemistry and Photobiology B: Biology, 2009, 96, 83-92.	3.8	96
23	Reversal of doxorubicin resistance in breast cancer cells by photochemical internalization. International Journal of Cancer, 2006, 119, 2692-2698.	5.1	95
24	Targeted Delivery and Enhanced Cytotoxicity of Cetuximab-Saporin by Photochemical Internalization in EGFR-Positive Cancer Cells. Molecular Pharmaceutics, 2007, 4, 241-251.	4.6	95
25	EVALUATION OF SULFONATED ALUMINUM PHTHALOCYANINES FOR USE IN PHOTOCHEMOTHERAPY. A STUDY ON THE RELATIVE EFFICIENCIES OF PHOTOINACTIVATION. Photochemistry and Photobiology, 1989, 49, 587-594.	2.5	92
26	Cellular uptake of DNA-chitosan nanoparticles: The role of clathrin- and caveolae-mediated pathways. International Journal of Biological Macromolecules, 2012, 51, 1043-1051.	7.5	83
27	Disulfonated tetraphenyl chlorin (TPCS2a)-induced photochemical internalisation of bleomycin in patients with solid malignancies: a phase 1, dose-escalation, first-in-man trial. Lancet Oncology, The, 2016, 17, 1217-1229.	10.7	82
28	Simultaneous defeat of MCF7 and MDA-MB-231 resistances by a hypericin PDT-tamoxifen hybrid therapy. Npj Breast Cancer, 2019, 5, 13.	5.2	78
29	Light-induced adenovirus gene transfer, an efficient and specific gene delivery technology for cancer gene therapy. Cancer Gene Therapy, 2002, 9, 365-371.	4.6	77
30	Evaluation of Different Photosensitizers for Use in Photochemical Gene Transfection. Photochemistry and Photobiology, 2001, 73, 388.	2.5	76
31	Photochemical internalisation increases the cytotoxic effect of the immunotoxin MOC31-gelonin. International Journal of Cancer, 2000, 87, 853-859.	5.1	74
32	Photochemically stimulated drug delivery increases the cytotoxicity and specificity of EGF-saporin. Journal of Controlled Release, 2006, 111, 165-173.	9.9	73
33	CELLULAR UPTAKE AND RELATIVE EFFICIENCY IN CELL INACTIVATION BY PHOTO ACTIVATED SULFONATED meso-TETRAPHENYLPORPHINES. Photochemistry and Photobiology, 1990, 52, 775-781.	2.5	72
34	Role of endosomes in gene transfection mediated by photochemical internalisation (PCI). Journal of Gene Medicine, 2000, 2, 477-488.	2.8	72
35	Photochemical Internalisation: A Novel Drug Delivery System. Tumor Biology, 2002, 23, 103-112.	1.8	71
36	Liposome-bound Zn(II)-phthalocyanine. Mechanisms for cellular uptake and photosensitization. Journal of Photochemistry and Photobiology B: Biology, 1998, 45, 150-159.	3.8	70

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37	Apoptosis induction by different pathways with methylene blue derivative and light from mitochondrial sites in V79 cells. , 1998, 75, 941-948.		69
38	Photochemical Internalization (PCI): A Technology for Drug Delivery. Methods in Molecular Biology, 2010, 635, 133-145.	0.9	69
39	Eradication of p53-Mutated Head and Neck Squamous Cell Carcinoma Xenografts Using Nonviral p53 Gene Therapy and Photochemical Internalization. Molecular Therapy, 2006, 13, 1156-1162.	8.2	67
40	Photosensitizing properties of chlorins in solution and in membrane-mimicking systems. Photochemical and Photobiological Sciences, 2009, 8, 778-787.	2.9	67
41	The diverse roles of glutathione-associated cell resistance against hypericin photodynamic therapy. Redox Biology, 2017, 12, 191-197.	9.0	66
42	Light-controlled endosomal escape of the novel CD133-targeting immunotoxin AC133â€“saporin by photochemical internalization â€” A minimally invasive cancer stem cell-targeting strategy. Journal of Controlled Release, 2015, 206, 37-48.	9.9	61
43	Photochemical Internalization for Intracellular Drug Delivery. From Basic Mechanisms to Clinical Research. Journal of Clinical Medicine, 2020, 9, 528.	2.4	60
44	Photochemically Enhanced Gene Delivery of EGF Receptor-targeted DNA Polyplexes. Journal of Drug Targeting, 2004, 12, 205-213.	4.4	59
45	5-Aminolaevulinic Acid Methyl Ester Transport on Amino Acid Carriers in a Human Colon Adenocarcinoma Cell Line. Photochemistry and Photobiology, 2001, 73, 164.	2.5	58
46	Protoporphyrin IX accumulation in cells treated with 5-aminolevulinic acid: Dependence on cell density, cell size and cell cycle. , 1998, 75, 134-139.		57
47	Photochemical Internalization of Tamoxifens Transported by a â€”Trojanâ€”Horseâ€”Nanoconjugate into Breastâ€”Cancer Cell Lines. Angewandte Chemie - International Edition, 2015, 54, 4885-4889.	13.8	57
48	Photochemical Internalization of Bleomycin is Superior to Photodynamic Therapy Due to the Therapeutic Effect in the Tumor Periphery. Photochemistry and Photobiology, 2009, 85, 740-749.	2.5	56
49	Photochemical Internalization of Therapeutic Macromolecular Agents: A Novel Strategy to Kill Multidrug-Resistant Cancer Cells. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 604-612.	2.5	55
50	Photochemical internalization of a peptide nucleic acid targeting the catalytic subunit of human telomerase. Cancer Research, 2003, 63, 3490-4.	0.9	55
51	Enhanced gene transfer and cell death following p53 gene transfer using photochemical internalisation of glucosylated PEI-DNA complexes. Journal of Gene Medicine, 2004, 6, 884-894.	2.8	53
52	ACTION SPECTRA OF PHTHALOCYANINES WITH RESPECT TO PHOTSENSITIZATION OF CELLS. Photochemistry and Photobiology, 1992, 56, 171-175.	2.5	51
53	Photochemical internalization of tumor-targeted protein toxins. Lasers in Surgery and Medicine, 2011, 43, 721-733.	2.1	51
54	Multi-Modality Therapeutics with Potent Anti-Tumor Effects: Photochemical Internalization Enhances Delivery of the Fusion Toxin scFvMEL/rGel. PLoS ONE, 2009, 4, e6691.	2.5	49

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55	Strongly amphiphilic photosensitizers are not substrates of the cancer stem cell marker ABCG2 and provides specific and efficient light-triggered drug delivery of an EGFR-targeted cytotoxic drug. <i>Journal of Controlled Release</i> , 2012, 159, 197-203.	9.9	48
56	Photochemical internalization (PCI) of immunotoxins targeting CD133 is specific and highly potent at femtomolar levels in cells with cancer stem cell properties. <i>Journal of Controlled Release</i> , 2013, 168, 317-326.	9.9	44
57	Combined Treatment of Ionizing Radiation and Photosensitization by 5-Aminolevulinic Acid-Induced Protoporphyrin IX. <i>Radiation Research</i> , 1995, 142, 340.	1.5	43
58	The Temperature Dependence of Protoporphyrin IX Production in Cells and Tissues. <i>Photochemistry and Photobiology</i> , 1999, 70, 669-673.	2.5	42
59	The influence of Pluronics® on dark cytotoxicity, photocytotoxicity, localization and uptake of curcumin in cancer cells: studies of curcumin and curcuminoids XLIX. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 559-575.	2.9	42
60	Tetraphenylporphyrin Tethered Chitosan Based Carriers for Photochemical Transfection. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 807-819.	6.4	42
61	Development of resistance to photodynamic therapy (PDT) in human breast cancer cells is photosensitizer-dependent: Possible mechanisms and approaches for overcoming PDT-resistance. <i>Biochemical Pharmacology</i> , 2017, 144, 63-77.	4.4	42
62	Light-Triggered, Efficient Cytosolic Release of IM7-Saporin Targeting the Putative Cancer Stem Cell Marker CD44 by Photochemical Internalization. <i>Molecular Pharmaceutics</i> , 2014, 11, 2764-2776.	4.6	41
63	DNA polyplexes based on degradable oligoethylenimine-derivatives: Combination with EGF receptor targeting and endosomal release functions. <i>Journal of Controlled Release</i> , 2006, 116, 115-122.	9.9	40
64	Enhanced cytotoxicity of saporin by polyamidoamine dendrimer conjugation and photochemical internalization. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 87A, 147-155.	4.0	39
65	The influence of Pluronics nanovehicles on dark cytotoxicity, photocytotoxicity and localization of four model photosensitizers in cancer cells. <i>Photochemical and Photobiological Sciences</i> , 2013, 13, 8-22.	2.9	37
66	Photodynamic therapy mediated immune therapy of brain tumors. <i>Neuroimmunology and Neuroinflammation</i> , 2018, 5, 27.	1.4	37
67	MITOTIC INHIBITION BY PHENYLPORPHINES AND TETRASULFONATED ALUMINIUM PHTHALOCYANINE IN COMBINATION WITH LIGHT. <i>Photochemistry and Photobiology</i> , 1992, 56, 333-339.	2.5	36
68	Photodynamic Effects of Photofrin II on Cell Division in Human NHIK 3025 Cells. <i>International Journal of Radiation Biology</i> , 1988, 53, 797-811.	1.8	35
69	Photochemically enhanced transduction of polymer-complexed adenovirus targeted to the epidermal growth factor receptor. <i>Journal of Gene Medicine</i> , 2006, 8, 286-297.	2.8	35
70	Photochemical internalization of CD133-targeting immunotoxins efficiently depletes sarcoma cells with stem-like properties and reduces tumorigenicity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4235-4243.	2.4	35
71	5-Aminolevulinic Acid-based Photochemical Internalization of the Immunotoxin MOC31-gelonin Generates Synergistic Cytotoxic Effects In Vitro. <i>Photochemistry and Photobiology</i> , 2001, 74, 303.	2.5	34
72	Photodynamic Therapy Targets the mTOR Signaling Network in Vitro and in Vivo. <i>Molecular Pharmaceutics</i> , 2009, 6, 255-264.	4.6	33

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73	Photochemical internalisation, a minimally invasive strategy for light-controlled endosomal escape of cancer stem cell-targeting therapeutics. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1433-1450.	2.9	33
74	Photochemically enhanced gene transfection increases the cytotoxicity of the herpes simplex virus thymidine kinase gene combined with ganciclovir. <i>Cancer Gene Therapy</i> , 2004, 11, 514-523.	4.6	32
75	Head & neck optical diagnostics: vision of the future of surgery. <i>Head & Neck Oncology</i> , 2009, 1, 25.	2.3	32
76	Photochemical internalization as an adjunct to marginal surgery in a human sarcoma model. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 758-762.	2.9	32
77	Sustained EKR inhibition by EGFR targeting therapies is a predictive factor for synergistic cytotoxicity with PDT as neoadjuvant therapy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2659-2670.	2.4	30
78	Photodynamic therapy with an endocytically located photosensitizer cause a rapid activation of the mitogen-activated protein kinases extracellular signal-regulated kinase, p38, and c-Jun NH2 terminal kinase with opposing effects on cell survival. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 1740-1750.	4.1	29
79	Photochemical internalization (PCI) of HER2-targeted toxins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1849-1858.	2.4	29
80	Photochemical activation of drugs for the treatment of therapy-resistant cancers. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1465-1475.	2.9	29
81	Photochemical transfection: a technology for efficient light-directed gene delivery. <i>Somatic Cell and Molecular Genetics</i> , 2002, 27, 97-113.	0.7	28
82	Photochemical Internalization: A New Tool for Gene and Oligonucleotide Delivery. <i>Topics in Current Chemistry</i> , 2010, 296, 251-281.	4.0	28
83	Photochemical treatment with the lysosomally localized dye tetra(4-sulfonatophenyl)prophine results in lysosomal release of the dye but not of 125 I-N-acetyl-d-glucosaminidase activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1993, 1158, 300-306.	2.4	27
84	Photochemical internalization (PCI): A novel technology for activation of endocytosed therapeutic agents. <i>Medical Laser Application: International Journal for Laser Treatment and Research</i> , 2006, 21, 239-250.	0.3	26
85	Photochemical internalization augments tumor vascular cytotoxicity and specificity of VEGF121/rGel fusion toxin. <i>Journal of Controlled Release</i> , 2014, 180, 1-9.	9.9	26
86	Photochemically enhanced gene delivery with cationic lipid formulations. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 407-411.	2.9	25
87	PCI-enhanced adenoviral transduction employs the known uptake mechanism of adenoviral particles. <i>Cancer Gene Therapy</i> , 2005, 12, 439-448.	4.6	24
88	Effects of the inhibitors of energy metabolism, lonidamine and levamisole, on 5-aminolevulinic-acid-induced photochemotherapy. , 1996, 67, 791-799.		23
89	Photodynamically induced effects in colon carcinoma cells (WiDr) by endogenous photosensitizers generated by incubation with 5-aminolaevulinic acid. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1999, 49, 162-170.	3.8	23
90	A comparative study of normal and reverse phase high pressure liquid chromatography for analysis of porphyrins accumulated after 5-aminolaevulinic acid treatment of colon adenocarcinoma cells. <i>Cancer Letters</i> , 2000, 150, 205-213.	7.2	23

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91	Y1068 phosphorylation is the most sensitive target of disulfonated tetraphenylporphyrin-based photodynamic therapy on epidermal growth factor receptor. <i>Biochemical Pharmacology</i> , 2007, 74, 226-235.	4.4	23
92	Circumvention of resistance to photodynamic therapy in doxorubicin-resistant sarcoma by photochemical internalization of gelonin. <i>Free Radical Biology and Medicine</i> , 2013, 65, 1300-1309.	2.9	23
93	Photophysical and photobiological properties of a sulfonated chlorin photosensitizer TPCS2a for photochemical internalisation (PCI). <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 519-526.	2.9	23
94	5- <i>Aminolevulinic acid</i> -based photodynamic therapy. <i>Cancer</i> , 1997, 79, 2282-2308.	4.1	23
95	Synergistic effects of photoactivated tetra(4-sulfonatophenyl)porphine and nocodazole on microtubule assembly, accumulation of cells in mitosis and cell survival. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1992, 13, 59-70.	3.8	22
96	Cytotoxic and Photocytotoxic Effects of Cercosporin on Human Tumor Cell Lines. <i>Photochemistry and Photobiology</i> , 2019, 95, 387-396.	2.5	22
97	Characterization of singlet oxygen-induced guanine residue damage after photochemical treatment of free nucleosides and DNA. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1994, 1217, 1-8.	2.4	21
98	ALA-induced porphyrin formation and fluorescence in synovitis tissue. <i>Photodiagnosis and Photodynamic Therapy</i> , 2005, 2, 299-307.	2.6	21
99	Intracellular re-localisation by photochemical internalisation enhances the cytotoxic effect of gelonin – Quantitative studies in normal rat liver. <i>Journal of Controlled Release</i> , 2010, 142, 347-353.	9.9	21
100	Photochemical internalization-mediated nonviral gene transfection: polyamine core-shell nanoparticles as gene carrier. <i>Journal of Biomedical Optics</i> , 2014, 19, 105009.	2.6	21
101	Photochemical activation of the recombinant HER2-targeted fusion toxin MH3-B1/rGel; Impact of HER2 expression on treatment outcome. <i>Journal of Controlled Release</i> , 2014, 182, 58-66.	9.9	20
102	Endosome Targeting <i>meso</i> -Tetraphenylchlorin- <i>Chitosan</i> Nanoconjugates for Photochemical Internalization. <i>Biomacromolecules</i> , 2017, 18, 1108-1126.	5.4	20
103	Photochemical activation of MH3-B1/rGel: a HER2-targeted treatment approach for ovarian cancer. <i>Oncotarget</i> , 2015, 6, 12436-12451.	1.8	20
104	Light-enhanced VEGF121/rGel: A tumor targeted modality with vascular and immune-mediated efficacy. <i>Journal of Controlled Release</i> , 2018, 288, 161-172.	9.9	19
105	Drug-Loaded Lipid-Coated Hybrid Organic-Inorganic <i>Stealth</i> -Nanoparticles for Cancer Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 1027.	4.1	19
106	The unpolymerized form of tubulin is the target for microtubule inhibition by photoactivated tetra(4-sulfonatophenyl)porphine. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1992, 1135, 147-153.	4.1	18
107	5-Aminolevulinic acid induced lipid peroxidation after light exposure on human colon carcinoma cells and effects of α -tocopherol treatment. <i>Cancer Letters</i> , 2000, 159, 23-32.	7.2	18
108	Photochemical enhancement of gene delivery to glioblastoma cells is dependent on the vector applied. <i>Anticancer Research</i> , 2005, 25, 291-7.	1.1	18

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109	Effects of ultraviolet radiation on intercellular communication in V79 Chinese hamster fibroblasts. <i>Carcinogenesis</i> , 1994, 15, 233-239.	2.8	17
110	The role of the cell cycle on the efficiency of photochemical gene transfection. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002, 1570, 210-218.	2.4	17
111	Photochemical treatment with endosomally localized photosensitizers enhances the number of adenoviruses in the nucleus. <i>Journal of Gene Medicine</i> , 2006, 8, 707-718.	2.8	17
112	Increased sensitivity of glioma cells to 5-fluorocytosine following photo-chemical internalization enhanced nonviral transfection of the cytosine deaminase suicide gene. <i>Journal of Neuro-Oncology</i> , 2014, 118, 29-37.	2.9	17
113	Photochemical delivery of bleomycin induces T-cell activation of importance for curative effect and systemic anti-tumor immunity. <i>Journal of Controlled Release</i> , 2017, 268, 120-127.	9.9	17
114	Design, Characterization, and Evaluation of scFvCD133/rGelolin: A CD133-Targeting Recombinant Immunotoxin for Use in Combination with Photochemical Internalization. <i>Journal of Clinical Medicine</i> , 2020, 9, 68.	2.4	17
115	Photodynamic targeting of EGFR does not predict the treatment outcome in combination with the EGFR tyrosine kinase inhibitor Tyrphostin AG1478. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 1032-1040.	2.9	16
116	Targeted Photodynamic Therapy of Human Head and Neck Squamous Cell Carcinoma with Anti-epidermal Growth Factor Receptor Antibody Cetuximab and Photosensitizer IR700DX in the Mouse Skin-fold Window Chamber Model. <i>Photochemistry and Photobiology</i> , 2020, 96, 708-717.	2.5	16
117	Photochemical internalization (PCI)–a novel technology for release of macromolecules from endocytic vesicles. <i>Oftalmologia</i> , 2003, 56, 67-71.	0.8	16
118	Cell specific effects of polyunsaturated fatty acids on 5-aminolevulinic acid based photosensitization. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 383-389.	2.9	15
119	Transcriptome changes in a colon adenocarcinoma cell line in response to photochemical treatment as used in photochemical internalisation (PCI). <i>FEBS Letters</i> , 2006, 580, 5739-5746.	2.8	15
120	Photochemical internalization enhanced macrophage delivered chemotherapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 156-162.	2.6	15
121	Photochemical Enhancement of DNA Delivery by EGF Receptor Targeted Polyplexes. , 2008, 434, 171-181.		15
122	Predictive biomarkers for <sc>5â€ALAâ€PDT</sc> can lead to personalized treatments and overcome tumorâ€specific resistances. <i>Cancer Reports</i> , 2022, 5, e1278.	1.4	14
123	Intracellular metabolism of a 2'-O-methyl-stabilized ribozyme after uptake by DOTAP transfection or asfree ribozyme. A study by capillary electrophoresis. <i>Nucleic Acids Research</i> , 1998, 26, 4241-4248.	14.5	13
124	Photochemical Internalization of Bleomycin Before External-Beam Radiotherapy Improves Locoregional Control in a Human Sarcoma Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 878-885.	0.8	13
125	Vascular endothelial cells as targets for photochemical internalization (<sc>PCI</sc>). <i>Photochemistry and Photobiology</i> , 2013, 89, 1185-1192.	2.5	13
126	Photochemically-Induced Release of Lysosomal Sequestered Sunitinib: Obstacles for Therapeutic Efficacy. <i>Cancers</i> , 2020, 12, 417.	3.7	13

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127	Metaphase-specific* phosphorylations weaken the association between chromosomal proteins HMG 14 and 17, and DNA. FEBS Letters, 1991, 289, 113-116.	2.8	12
128	Synergistic chemotherapy by combined moderate hyperthermia and photochemical internalization. Biomedical Optics Express, 2016, 7, 1240.	2.9	12
129	Drug delivery technologies and immunological aspects of photodynamic therapy. Photochemical and Photobiological Sciences, 2011, 10, 647-648.	2.9	11
130	Photochemical internalization in bladder cancerâ€“development of an orthotopic in vivo model. Photochemical and Photobiological Sciences, 2017, 16, 1664-1676.	2.9	11
131	Enhancing the effects of chemotherapy by combined macrophage-mediated photothermal therapy (PTT) and photochemical internalization (PCI). Lasers in Medical Science, 2018, 33, 1747-1755.	2.1	11
132	In-Vivo Optical Monitoring of the Efficacy of Epidermal Growth Factor Receptor Targeted Photodynamic Therapy: The Effect of Fluence Rate. Cancers, 2020, 12, 190.	3.7	11
133	A novel method for the study of autophagy: destruction of hepatocytic lysosomes, but not autophagosomes, by the photosensitizing porphyrin tetra(4-sulphonatophenyl)porphine. Biochemical Journal, 1997, 321, 217-225.	3.7	10
134	Early Induction of Binucleated Cells by Ultraviolet A (UVA) Radiation: A Possible Role of Microfilaments. Photochemistry and Photobiology, 1999, 70, 199-205.	2.5	10
135	Photochemically mediated delivery of AdhCMV-TRAIL augments the TRAIL-induced apoptosis in colorectal cancer cell lines. Cancer Biology and Therapy, 2006, 5, 1511-1520.	3.4	10
136	Studies of the photosensitizer disulfonated meso-tetraphenyl chlorin in an orthotopic rat bladder tumor model. Photodiagnosis and Photodynamic Therapy, 2015, 12, 58-66.	2.6	10
137	Deciphering the Nongenomic, Mitochondrial Toxicity of Tamoxifens As Determined by Cell Metabolism and Redox Activity. ACS Chemical Biology, 2016, 11, 251-262.	3.4	10
138	RETENTION AND PHOTOTOXICITY OF TETRA(4-SULFONATOPHENYL)PORPHINE IN CULTIVATED HUMAN CELLS. THE EFFECT OF FRACTIONATION OF LIGHT. Photochemistry and Photobiology, 1992, 56, 177-183.	2.5	9
139	The photosensitizer disulfonated aluminum phthalocyanine reduces uptake and alters trafficking of fluid phase endocytosed drugs in vascular endothelial cellsâ€“Impact on efficacy of photochemical internalization. Biochemical Pharmacology, 2013, 86, 748-758.	4.4	9
140	Photochemical internalization of bleomycin and temozolomide â€“ in vitro studies on the glioma cell line F98. Photochemical and Photobiological Sciences, 2015, 14, 1357-1366.	2.9	8
141	Impact of genotypic and phenotypic differences in sarcoma models on the outcome of photochemical internalization (PCI) of bleomycin. Photodiagnosis and Photodynamic Therapy, 2017, 20, 35-47.	2.6	8
142	The effects of low irradiance long duration photochemical internalization on glioma spheroids. Photodiagnosis and Photodynamic Therapy, 2019, 26, 442-447.	2.6	8
143	RAB5A expression is a predictive biomarker for trastuzumab emtansine in breast cancer. Nature Communications, 2021, 12, 6427.	12.8	8
144	The influence of the cysteine protease inhibitor L-trans-epoxysuccinyl-leucyl amido(4-guanidino)butane (E64) on photobiological effects of tetra(4-sulfonatophenyl)porphine. Cancer Letters, 1995, 88, 227-236.	7.2	7

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145	Chapter 8 Basic principles of 5-aminolevulinic acid-based photodynamic therapy. Comprehensive Series in Photosciences, 2001, , 115-162.	0.3	7
146	Light-directed gene delivery by photochemical internalisation. Expert Opinion on Biological Therapy, 2004, 4, 1403-1412.	3.1	7
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