

# Kristian Berg

## List of Publications by Year in descending order

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190  
papers

13,504  
citations

38660

50  
h-index

22764

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.	157.7	3,902
2	5-Aminolevulinic acid-based photodynamic therapy. <i>Cancer</i> , 1997, 79, 2282-2308.	2.0	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.	1.3	909
4	5-Aminolevulinic Acid-Based Photodynamic Therapy: Principles and Experimental Research. <i>Photochemistry and Photobiology</i> , 1997, 65, 235-251.	1.3	567
5	PHOTOCHEMOTHERAPY OF CANCER: EXPERIMENTAL RESEARCH. <i>Photochemistry and Photobiology</i> , 1992, 55, 931-948.	1.3	388
6	Photochemical internalization provides time- and space-controlled endolysosomal escape of therapeutic molecules. <i>Journal of Controlled Release</i> , 2010, 148, 2-12.	4.8	248
7	Photochemical internalisation in drug and gene delivery. <i>Advanced Drug Delivery Reviews</i> , 2004, 56, 95-115.	6.6	206
8	Assessing autophagy in the context of photodynamic therapy. <i>Autophagy</i> , 2010, 6, 7-18.	4.3	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.	2.3	163
10	Lysosomes and Microtubules as Targets for Photochemotherapy of Cancer. <i>Photochemistry and Photobiology</i> , 1997, 65, 403-409.	1.3	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.	1.3	152
12	Lysosomes as photochemical targets. <i>International Journal of Cancer</i> , 1994, 59, 814-822.	2.3	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.	2.3	126
14	Site-Specific Drug Delivery by Photochemical Internalization Enhances the Antitumor Effect of Bleomycin. <i>Clinical Cancer Research</i> , 2005, 11, 8476-8485.	3.2	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.	1.3	124
16	Photochemical Internalization: A New Tool for Drug Delivery. <i>Current Pharmaceutical Biotechnology</i> , 2007, 8, 362-372.	0.9	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.	1.6	105

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19	Photochemical Transfection: A New Technology for Light-Induced, Site-Directed Gene Delivery. <i>Human Gene Therapy</i> , 2000, 11, 869-880.	1.4	104
20	Sulfonated aluminium phthalocyanines as sensitizers for photochemotherapy. Effects of small light doses on localization, dye fluorescence and photosensitivity in V79 cells. <i>International Journal of Cancer</i> , 1994, 58, 865-870.	2.3	98
21	INTRACELLULAR LOCALIZATION OF SULFONATED meso-TETRAPHENYLPORPHINES IN A HUMAN CARCINOMA CELL LINE*. <i>Photochemistry and Photobiology</i> , 1990, 52, 481-487.	1.3	96
22	Photochemical internalization (PCI) in cancer therapy: From bench towards bedside medicine. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009, 96, 83-92.	1.7	96
23	Reversal of doxorubicin resistance in breast cancer cells by photochemical internalization. <i>International Journal of Cancer</i> , 2006, 119, 2692-2698.	2.3	95
24	Targeted Delivery and Enhanced Cytotoxicity of Cetuximab-Saporin by Photochemical Internalization in EGFR-Positive Cancer Cells. <i>Molecular Pharmaceutics</i> , 2007, 4, 241-251.	2.3	95
25	EVALUATION OF SULFONATED ALUMINUM PHTHALOCYANINES FOR USE IN PHOTOCHEMOTHERAPY. A STUDY ON THE RELATIVE EFFICIENCIES OF PHOTOINACTIVATION. <i>Photochemistry and Photobiology</i> , 1989, 49, 587-594.	1.3	92
26	Cellular uptake of DNA-chitosan nanoparticles: The role of clathrin- and caveolae-mediated pathways. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 1043-1051.	3.6	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. <i>Lancet Oncology</i> , The, 2016, 17, 1217-1229.	5.1	82
28	Simultaneous defeat of MCF7 and MDA-MB-231 resistances by a hypericin PDT-tamoxifen hybrid therapy. <i>Npj Breast Cancer</i> , 2019, 5, 13.	2.3	78
29	Light-induced adenovirus gene transfer, an efficient and specific gene delivery technology for cancer gene therapy. <i>Cancer Gene Therapy</i> , 2002, 9, 365-371.	2.2	77
30	Evaluation of Different Photosensitizers for Use in Photochemical Gene Transfection. <i>Photochemistry and Photobiology</i> , 2001, 73, 388.	1.3	76
31	Photochemical internalisation increases the cytotoxic effect of the immunotoxin MOC31-gelonin. <i>International Journal of Cancer</i> , 2000, 87, 853-859.	2.3	74
32	Photochemically stimulated drug delivery increases the cytotoxicity and specificity of EGF-saporin. <i>Journal of Controlled Release</i> , 2006, 111, 165-173.	4.8	73
33	CELLULAR UPTAKE AND RELATIVE EFFICIENCY IN CELL INACTIVATION BY PHOTO ACTIVATED SULFONATED meso-TETRAPHENYLPORPHINES. <i>Photochemistry and Photobiology</i> , 1990, 52, 775-781.	1.3	72
34	Role of endosomes in gene transfection mediated by photochemical internalisation (PCI). <i>Journal of Gene Medicine</i> , 2000, 2, 477-488.	1.4	72
35	Photochemical Internalisation: A Novel Drug Delivery System. <i>Tumor Biology</i> , 2002, 23, 103-112.	0.8	71
36	Liposome-bound Zn(II)-phthalocyanine. Mechanisms for cellular uptake and photosensitization. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1998, 45, 150-159.	1.7	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. <i>Methods in Molecular Biology</i> , 2010, 635, 133-145.	0.4	69
39	Eradication of p53-Mutated Head and Neck Squamous Cell Carcinoma Xenografts Using Nonviral p53 Gene Therapy and Photochemical Internalization. <i>Molecular Therapy</i> , 2006, 13, 1156-1162.	3.7	67
40	Photosensitizing properties of chlorins in solution and in membrane-mimicking systems. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 778-787.	1.6	67
41	The diverse roles of glutathione-associated cell resistance against hypericin photodynamic therapy. <i>Redox Biology</i> , 2017, 12, 191-197.	3.9	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. <i>Journal of Controlled Release</i> , 2015, 206, 37-48.	4.8	61
43	Photochemical Internalization for Intracellular Drug Delivery. From Basic Mechanisms to Clinical Research. <i>Journal of Clinical Medicine</i> , 2020, 9, 528.	1.0	60
44	Photochemically Enhanced Gene Delivery of EGF Receptor-targeted DNA Polyplexes. <i>Journal of Drug Targeting</i> , 2004, 12, 205-213.	2.1	59
45	5-Aminolaevulinic Acid Methyl Ester Transport on Amino Acid Carriers in a Human Colon Adenocarcinoma Cell Line. <i>Photochemistry and Photobiology</i> , 2001, 73, 164.	1.3	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€œTrojanâ€“Horseâ€“Nanoconjugate into Breastâ€“Cancer Cell Lines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4885-4889.	7.2	57
48	Photochemical Internalization of Bleomycin is Superior to Photodynamic Therapy Due to the Therapeutic Effect in the Tumor Periphery. <i>Photochemistry and Photobiology</i> , 2009, 85, 740-749.	1.3	56
49	Photochemical Internalization of Therapeutic Macromolecular Agents: A Novel Strategy to Kill Multidrug-Resistant Cancer Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 604-612.	1.3	55
50	Photochemical internalization of a peptide nucleic acid targeting the catalytic subunit of human telomerase. <i>Cancer Research</i> , 2003, 63, 3490-4.	0.4	55
51	Enhanced gene transfer and cell death following p53 gene transfer using photochemical internalisation of glucosylated PEI-DNA complexes. <i>Journal of Gene Medicine</i> , 2004, 6, 884-894.	1.4	53
52	ACTION SPECTRA OF PHTHALOCYANINES WITH RESPECT TO PHOTSENSITIZATION OF CELLS. <i>Photochemistry and Photobiology</i> , 1992, 56, 171-175.	1.3	51
53	Photochemical internalization of tumor-targeted protein toxins. <i>Lasers in Surgery and Medicine</i> , 2011, 43, 721-733.	1.1	51
54	Multi-Modality Therapeutics with Potent Anti-Tumor Effects: Photochemical Internalization Enhances Delivery of the Fusion Toxin scFvMEL/rGel. <i>PLoS ONE</i> , 2009, 4, e6691.	1.1	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.	4.8	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.	4.8	44
57	Combined Treatment of Ionizing Radiation and Photosensitization by 5-Aminolevulinic Acid-Induced Protoporphyrin IX. <i>Radiation Research</i> , 1995, 142, 340.	0.7	43
58	The Temperature Dependence of Protoporphyrin IX Production in Cells and Tissues. <i>Photochemistry and Photobiology</i> , 1999, 70, 669-673.	1.3	42
59	The influence of Pluronic® 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.	1.6	42
60	Tetraphenylporphyrin Tethered Chitosan Based Carriers for Photochemical Transfection. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 807-819.	2.9	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.	2.0	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.	2.3	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.	4.8	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.	2.1	39
65	The influence of Pluronic nanovehicles on dark cytotoxicity, photocytotoxicity and localization of four model photosensitizers in cancer cells. <i>Photochemical and Photobiological Sciences</i> , 2013, 13, 8-22.	1.6	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.	1.3	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.	1.0	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.	1.4	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.	1.1	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.	1.3	34
72	Photodynamic Therapy Targets the mTOR Signaling Network in Vitro and in Vivo. <i>Molecular Pharmaceutics</i> , 2009, 6, 255-264.	2.3	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.	1.6	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.	2.2	32
75	Head & neck optical diagnostics: vision of the future of surgery. <i>Head &amp; 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.	1.6	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.	1.1	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.	1.9	29
79	Photochemical internalization (PCI) of HER2-targeted toxins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1849-1858.	1.1	29
80	Photochemical activation of drugs for the treatment of therapy-resistant cancers. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1465-1475.	1.6	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.	1.1	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.	0.4	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.	4.8	26
86	Photochemically enhanced gene delivery with cationic lipid formulations. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 407-411.	1.6	25
87	PCI-enhanced adenoviral transduction employs the known uptake mechanism of adenoviral particles. <i>Cancer Gene Therapy</i> , 2005, 12, 439-448.	2.2	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.	1.7	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.	3.2	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.	2.0	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.	1.3	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.	1.6	23
94	5-Aminolevulinic acid-based photodynamic therapy. , 1997, 79, 2282.		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.	1.7	22
96	Cytotoxic and Photocytotoxic Effects of Cercosporin on Human Tumor Cell Lines. <i>Photochemistry and Photobiology</i> , 2019, 95, 387-396.	1.3	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.	1.3	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.	4.8	21
100	Photochemical internalization-mediated nonviral gene transfection: polyamine core-shell nanoparticles as gene carrier. <i>Journal of Biomedical Optics</i> , 2014, 19, 105009.	1.4	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.	4.8	20
102	Endosome Targeting <i>meso</i> -Tetraphenylchlorin"Chitosan Nanoconjugates for Photochemical Internalization. <i>Biomacromolecules</i> , 2017, 18, 1108-1126.	2.6	20
103	Photochemical activation of MH3-B1/rGel: a HER2-targeted treatment approach for ovarian cancer. <i>Oncotarget</i> , 2015, 6, 12436-12451.	0.8	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.	4.8	19
105	Drug-Loaded Lipid-Coated Hybrid Organic-Inorganic "Stealth" Nanoparticles for Cancer Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 1027.	2.0	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.	1.9	18
107	5-Aminolevulinic acid induced lipid peroxidation after light exposure on human colon carcinoma cells and effects of $\alpha$ -tocopherol treatment. <i>Cancer Letters</i> , 2000, 159, 23-32.	3.2	18
108	Photochemical enhancement of gene delivery to glioblastoma cells is dependent on the vector applied. <i>Anticancer Research</i> , 2005, 25, 291-7.	0.5	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.	1.3	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.	1.1	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.	1.4	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.	1.4	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.	4.8	17
114	Design, Characterization, and Evaluation of scFvCD133/rGelonin: A CD133-Targeting Recombinant Immunotoxin for Use in Combination with Photochemical Internalization. <i>Journal of Clinical Medicine</i> , 2020, 9, 68.	1.0	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.	1.6	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.	1.3	16
117	Photochemical internalization (PCI)–a novel technology for release of macromolecules from endocytic vesicles. <i>Ophthalmologia</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.	1.6	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.	1.3	15
120	Photochemical internalization enhanced macrophage delivered chemotherapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 156-162.	1.3	15
121	Photochemical Enhancement of DNA Delivery by EGF Receptor Targeted Polyplexes. , 2008, 434, 171-181.		15
122	Predictive biomarkers for <sc>5ALA-PDT</sc> can lead to personalized treatments and overcome tumor-specific resistances. <i>Cancer Reports</i> , 2022, 5, e1278.	0.6	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.	6.5	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.	0.4	13
125	Vascular endothelial cells as targets for photochemical internalization (<sc>PCI</sc>). <i>Photochemistry and Photobiology</i> , 2013, 89, 1185-1192.	1.3	13
126	Photochemically-Induced Release of Lysosomal Sequestered Sunitinib: Obstacles for Therapeutic Efficacy. <i>Cancers</i> , 2020, 12, 417.	1.7	13



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127	Metaphase-specific* phosphorylations weaken the association between chromosomal proteins HMG 14 and 17, and DNA. <i>FEBS Letters</i> , 1991, 289, 113-116.	1.3	12
128	Synergistic chemotherapy by combined moderate hyperthermia and photochemical internalization. <i>Biomedical Optics Express</i> , 2016, 7, 1240.	1.5	12
129	Drug delivery technologies and immunological aspects of photodynamic therapy. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 647-648.	1.6	11
130	Photochemical internalization in bladder cancer—development of an orthotopic in vivo model. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1664-1676.	1.6	11
131	Enhancing the effects of chemotherapy by combined macrophage-mediated photothermal therapy (PTT) and photochemical internalization (PCI). <i>Lasers in Medical Science</i> , 2018, 33, 1747-1755.	1.0	11
132	In-Vivo Optical Monitoring of the Efficacy of Epidermal Growth Factor Receptor Targeted Photodynamic Therapy: The Effect of Fluence Rate. <i>Cancers</i> , 2020, 12, 190.	1.7	11
133	A novel method for the study of autophagy: destruction of hepatocytic lysosomes, but not autophagosomes, by the photosensitizing porphyrin tetra(4-sulfonatophenyl)porphine. <i>Biochemical Journal</i> , 1997, 321, 217-225.	1.7	10
134	Early Induction of Binucleated Cells by Ultraviolet A (UVA) Radiation: A Possible Role of Microfilaments. <i>Photochemistry and Photobiology</i> , 1999, 70, 199-205.	1.3	10
135	Photochemically mediated delivery of AdhCMV-TRAIL augments the TRAIL-induced apoptosis in colorectal cancer cell lines. <i>Cancer Biology and Therapy</i> , 2006, 5, 1511-1520.	1.5	10
136	Studies of the photosensitizer disulfonated meso-tetraphenyl chlorin in an orthotopic rat bladder tumor model. <i>Photodiagnosis and Photodynamic Therapy</i> , 2015, 12, 58-66.	1.3	10
137	Deciphering the Nongenomic, Mitochondrial Toxicity of Tamoxifens As Determined by Cell Metabolism and Redox Activity. <i>ACS Chemical Biology</i> , 2016, 11, 251-262.	1.6	10
138	RETENTION AND PHOTOTOXICITY OF TETRA(4-SULFONATOPHENYL)PORPHINE IN CULTIVATED HUMAN CELLS. THE EFFECT OF FRACTIONATION OF LIGHT. <i>Photochemistry and Photobiology</i> , 1992, 56, 177-183.	1.3	9
139	The photosensitizer disulfonated aluminum phthalocyanine reduces uptake and alters trafficking of fluid phase endocytosed drugs in vascular endothelial cells—Impact on efficacy of photochemical internalization. <i>Biochemical Pharmacology</i> , 2013, 86, 748-758.	2.0	9
140	Photochemical internalization of bleomycin and temozolomide — in vitro studies on the glioma cell line F98. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1357-1366.	1.6	8
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