

# Anette Weyergang

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,758  
citations

279701

23  
h-index

315616

38  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1859  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Porphyrin-related photosensitizers for cancer imaging and therapeutic applications. <i>Journal of Microscopy</i> , 2005, 218, 133-147.	0.8	240
3	Photochemical Internalization: A New Tool for Drug Delivery. <i>Current Pharmaceutical Biotechnology</i> , 2007, 8, 362-372.	0.9	116
4	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
5	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
6	Photochemically stimulated drug delivery increases the cytotoxicity and specificity of EGFR-saporin. <i>Journal of Controlled Release</i> , 2006, 111, 165-173.	4.8	73
7	Photochemical Internalization (PCI): A Technology for Drug Delivery. <i>Methods in Molecular Biology</i> , 2010, 635, 133-145.	0.4	69
8	Photochemical Internalization for Intracellular Drug Delivery. From Basic Mechanisms to Clinical Research. <i>Journal of Clinical Medicine</i> , 2020, 9, 528.	1.0	60
9	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
10	Photochemical internalization of tumor-targeted protein toxins. <i>Lasers in Surgery and Medicine</i> , 2011, 43, 721-733.	1.1	51
11	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
12	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
13	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
14	Design of an EGFR-targeting toxin for photochemical delivery: in vitro and in vivo selectivity and efficacy. <i>Oncogene</i> , 2015, 34, 5582-5592.	2.6	34
15	Photodynamic Therapy Targets the mTOR Signaling Network in Vitro and in Vivo. <i>Molecular Pharmaceutics</i> , 2009, 6, 255-264.	2.3	33
16	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
17	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
18	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

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19	Photochemical internalization (PCI) of HER2-targeted toxins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1849-1858.	1.1	29
20	Photochemical activation of drugs for the treatment of therapy-resistant cancers. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1465-1475.	1.6	29
21	Photochemical Internalization: A New Tool for Gene and Oligonucleotide Delivery. <i>Topics in Current Chemistry</i> , 2010, 296, 251-281.	4.0	28
22	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
23	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
24	Enhanced targeting of triple-negative breast carcinoma and malignant melanoma by photochemical internalization of CSPG4-targeting immunotoxins. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 539-551.	1.6	25
25	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
26	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
27	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
28	Photochemical activation of MH3-B1/rGel: a HER2-targeted treatment approach for ovarian cancer. <i>Oncotarget</i> , 2015, 6, 12436-12451.	0.8	20
29	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
30	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
31	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
32	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
33	Vascular endothelial cells as targets for photochemical internalization (<sc>PCI</sc>). <i>Photochemistry and Photobiology</i> , 2013, 89, 1185-1192.	1.3	13
34	Photochemically-Induced Release of Lysosomal Sequestered Sunitinib: Obstacles for Therapeutic Efficacy. <i>Cancers</i> , 2020, 12, 417.	1.7	13
35	RAB5A expression is a predictive biomarker for trastuzumab emtansine in breast cancer. <i>Nature Communications</i> , 2021, 12, 6427.	5.8	8
36	Photochemical Internalization (PCI): A New Modality for Light Activation of Endocytosed Therapeutics. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2006, 25, 521-536.	0.6	7

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37	Production of Recombinant Gelonin Using an Automated Liquid Chromatography System. <i>Toxins</i> , 2020, 12, 519.	1.5	2
38	Inhibiting autophagy increases the efficacy of low-dose photodynamic therapy. <i>Biochemical Pharmacology</i> , 2021, 194, 114837.	2.0	1
39	Photochemical Internalization: A Novel Technology for Targeted Macromolecule Therapy. , 2014, , 119-127.		0
40	Abstract 3633: Photochemical internalization (PCI) of the vascular targeting immunotoxin VEGF121/rGel, a novel method for selective targeting of tumor vasculature. , 2011, , .		0
41	Abstract 3635: Improved efficacy of HER2 targeted-immunotoxins using photochemical internalization (PCI). , 2011, , .		0
42	Abstract 5611: Photochemical internalization of VEGF121/rGel: a strategy for optimizing tumor-vasculature targeting.. , 2013, , .		0