Odrun Arna Gederaas

List of Publications by Year
in descending order

41 papers	925 citations	471509 17 h-index	454955 30 g-index
42 all docs	42 docs citations	42 times ranked	1144 citing authors

#	Article	IF	Citations
1	5-Aminolevulinic Acid, but not 5-Aminolevulinic Acid Esters, is Transported into Adenocarcinoma Cells by System BETA Transporters. Photochemistry and Photobiology, 2000, 71, 640.	2.5	152
2	Gold Tris(carboxyphenyl)corroles as Multifunctional Materials: Room Temperature Near-IR Phosphorescence and Applications to Photodynamic Therapy and Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2016, 8, 18935-18942.	8.0	86
3	Closely related colon cancer cell lines display different sensitivity to polyunsaturated fatty acids, accumulate different lipid classes and downregulate sterol regulatory element-binding proteinâ€ƒ1. FEBS Journal, 2006, 273, 2749-2765.	4.7	62
4	5-Aminolaevulinic Acid Methyl Ester Transport on Amino Acid Carriers in a Human Colon Adenocarcinoma Cell LineÂ¶. Photochemistry and Photobiology, 2001, 73, 164.	2.5	58
5	Can dogs smell lung cancer? First study using exhaled breath and urine screening in unselected patients with suspected lung cancer. Acta OncolÃ³gica, 2014, 53, 307-315.	1.8	52
6	Synthesis and biological evaluation of a Platinum(II)-c(RGDyK) conjugate for integrin-targeted photodynamic therapy. European Journal of Medicinal Chemistry, 2017, 141, 221-231.	5.5	38
7	Ruthenium porphyrin-induced photodamage in bladder cancer cells. Photodiagnosis and Photodynamic Therapy, 2016, 14, 9-17.	2.6	35
8	â€œTwo hits - one stoneâ€¦ increased efficacy of cisplatin-based therapies by targeting PCNAâ€™s role in both DNA repair and cellular signaling. Oncotarget, 2018, 9, 32448-32465.	1.8	35
9	Increased Anticancer Efficacy of Intravesical Mitomycin C Therapy when Combined with a PCNA Targeting Peptide. Translational Oncology, 2014, 7, 812-823.	3.7	34
10	Monitoring of hexyl 5-aminolevulinate-induced photodynamic therapy in rat bladder cancer by optical spectroscopy. Journal of Biomedical Optics, 2008, 13, 044031.	2.6	33
11	Photochemical Internalization of Peptide Antigens Provides a Novel Strategy to Realize Therapeutic Cancer Vaccination. Frontiers in Immunology, 2018, 9, 650.	4.8	31
12	Homology Modeling of Human Î³-Butyric Acid Transporters and the Binding of Pro-Drugs 5-Aminolevulinic Acid and Methyl Aminolevulinic Acid Used in Photodynamic Therapy. PLoS ONE, 2013, 8, e65200.	2.5	29
13	Red versus blue light illumination in hexyl 5-aminolevulinate photodynamic therapy: the influence of light color and irradiance on the treatment outcomein vitro. Journal of Biomedical Optics, 2014, 19, 088002.	2.6	28
14	Photodynamically induced effects in colon carcinoma cells (WiDr) by endogenous photosensitizers generated by incubation with 5-aminolaevulinic acid. Journal of Photochemistry and Photobiology B: Biology, 1999, 49, 162-170.	3.8	23
15	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. Cancer Letters, 2000, 150, 205-213.	7.2	23
16	Amphiphilic Rhenium-Oxo Corroles as a New Class of Sensitizers for Photodynamic Therapy. ACS Omega, 2020, 5, 10596-10601.	3.5	21
17	5-Aminolevulinic acid induced lipid peroxidation after light exposure on human colon carcinoma cells and effects of Î±-tocopherol treatment. Cancer Letters, 2000, 159, 23-32.	7.2	18
18	Photodynamic therapy with hexyl aminolevulinate induces carbonylation, posttranslational modifications and changed expression of proteins in cell survival and cell death pathways. Photochemical and Photobiological Sciences, 2011, 10, 1137.	2.9	18

#	Article	IF	Citations
19	Cell specific effects of polyunsaturated fatty acids on 5-aminolevulinic acid based photosensitization. Photochemical and Photobiological Sciences, 2005, 4, 383-389.	2.9	15
20	Enhanced Efficacy of Bleomycin in Bladder Cancer Cells by Photochemical Internalization. BioMed Research International, 2014, 2014, 1-10.	1.9	14
21	Comparison between 8â€methoxypsoralen and 5â€aminolevulinic acid in killing T cells of photopheresis patients ex vivo. Lasers in Surgery and Medicine, 2018, 50, 469-475.	2.1	14
22	The effect of brief illumination on intracellular free calcium concentration in cells with 5-aminolevulinic acid-induced protoporphyrin IX synthesis. Scandinavian Journal of Clinical and Laboratory Investigation, 1996, 56, 583-589.	1.2	11
23	Photochemical internalization in bladder cancerâ€“development of an orthotopic in vivo model. Photochemical and Photobiological Sciences, 2017, 16, 1664-1676.	2.9	11
24	Methadone enhances the effectiveness of 5â€aminolevulinic acidâ€based photodynamic therapy for squamous cell carcinoma and glioblastoma in vitro. Journal of Biophotonics, 2019, 12, e201800468.	2.3	11
25	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
26	Tissue responses to hexyl 5-aminolevulinate-induced photodynamic treatment in syngeneic orthotopic rat bladder cancer model: possible pathways of action. Journal of Biomedical Optics, 2011, 16, 028001.	2.6	9
27	Photo induced hexylaminolevulinate destruction of rat bladder cells AY-27. Photochemical and Photobiological Sciences, 2011, 10, 1072-1079.	2.9	8
28	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
29	Photodynamic treatment with hexyl-aminolevulinate mediates reversible thiol oxidation in core oxidative stress signaling proteins. Molecular BioSystems, 2016, 12, 796-805.	2.9	8
30	Structural, Photophysical, and Photobiological Studies on BODIPYâ€Anthracene Dyads. ChemPhotoChem, 2021, 5, 131-141.	3.0	8
31	Amphiphilic Protoporphyrin IX Derivatives as New Photosensitizing Agents for the Improvement of Photodynamic Therapy. Biomedicines, 2022, 10, 423.	3.2	5
32	Effects of bilirubin and phototherapy on osmotic fragility and haematoporphyrin-induced photohaemolysis of normal erythrocytes and spherocytes. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 1443-1447.	1.5	4
33	In vitro study on methemoglobin formation in erythrocytes following hexyl-aminolevulinate induced photodynamic therapy. , 2007, , .		4
34	Influence of Polymer Charge on the Localization and Dark- and Photo-Induced Toxicity of a Potential Type I Photosensitizer in Cancer Cell Models. Molecules, 2020, 25, 1127.	3.8	4
35	MOP-dependent enhancement of methadone on the effectiveness of ALA-PDT for A172 cells by upregulating phosphorylated JNK and BCL2. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101657.	2.6	2
36	5-Aminolaevulinic Acid Methyl Ester Transport on Amino Acid Carriers in a Human Colon Adenocarcinoma Cell LineÂ¶. Photochemistry and Photobiology, 2007, 73, 164-169.	2.5	1

#	Article	IF	Citations
37	In vitro and in vivo effects of HAL on porphyrin production in rat bladder cancer cells (AY27). Journal of Porphyrins and Phthalocyanines, 2019, 23, 813-820.	0.8	1
38	Optical spectroscopy by 5-aminolevulinic acid hexylester induced photodynamic treatment in rat bladder cancer. , 2006, , .		0
39	Increased toxicity of amylin (Islet Amyloid Polypeptide) in beta cells induced by photochemical internalization. Photodiagnosis and Photodynamic Therapy, 2018, 23, 218-220.	2.6	0
40	In vitro and in vivo effects of HAL on porphyrin production in rat bladder cancer cells (AY27). , 2021, , 302-309.		0
41	Synthesis and in vitro evaluation of a novel thienopyrimidine with phototoxicity towards rat glioma F98 cells. Journal of Photochemistry and Photobiology, 2022, 10, 100114.	2.5	0