Shun-ichiro Ogura

List of Publications by Year
in descending order

53	1,885	331538 21	254106 43
papers	citations	h-index	g-index

54	54	54	2586
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Current states and future views in photodynamic therapy. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2011, 12, 46-67.	5.6	457
2	Novel development of 5-aminolevurinic acid (ALA) in cancer diagnoses and therapy. International Immunopharmacology, 2011, 11, 358-365.	1.7	207
3	Preparation of a water-soluble fluorinated zinc phthalocyanine and its effect for photodynamic therapy. Journal of Photochemistry and Photobiology B: Biology, 2000, 59, 20-25.	1.7	109
4	Pivotal roles of peptide transporter PEPT1 and ATP-binding cassette (ABC) transporter ABCG2 in 5-aminolevulinic acid (ALA)-based photocytotoxicity of gastric cancer cells in vitro. Photodiagnosis and Photodynamic Therapy, 2012, 9, 204-214.	1.3	96
5	Expression levels of PEPT1 and ABCG2 play key roles in 5-aminolevulinic acid (ALA)-induced tumor-specific protoporphyrin IX (PpIX) accumulation in bladder cancer. Photodiagnosis and Photodynamic Therapy, 2013, 10, 288-295.	1.3	82
6	Development of phthalocyanines for photodynamic therapy. Journal of Porphyrins and Phthalocyanines, 2006, 10, 1116-1124.	0.4	77
7	The effect of 5-aminolevulinic acid on cytochrome c oxidase activity in mouse liver. BMC Research Notes, 2011, 4, 66.	0.6	67
8	Nrf2-dependent induction of human ABC transporter ABCG2 and heme oxygenase-1 in HepG2 cells by photoactivation of porphyrins: biochemical implications for cancer cell response to photodynamic therapy. Journal of Experimental Therapeutics and Oncology, 2008, 7, 153-67.	0.5	48
9	Cellular uptake and photocytotoxicity of glycoconjugated chlorins in HeLa cells. Journal of Photochemistry and Photobiology B: Biology, 2005, 78, 7-15.	1.7	46
10	Dormant cancer cells accumulate high protoporphyrin IX levels and are sensitive to 5-aminolevulinic acid-based photodynamic therapy. Scientific Reports, 2016, 6, 36478.	1.6	46
11	Photodynamic Efficiency of Protoporphyrin IX: Comparison of Endogenous Protoporphyrin IX Induced by 5â€Aminolevulinic Acid and Exogenous Porphyrin IX. Photochemistry and Photobiology, 1997, 66, 842-846.	1.3	41
12	Cytoreductive Surgery Under Aminolevulinic Acid-Mediated Photodynamic Diagnosis Plus Hyperthermic Intraperitoneal Chemotherapy in Patients with Peritoneal Carcinomatosis from Ovarian Cancer and Primary Peritoneal Carcinoma: Results of a Phase I Trial. Annals of Surgical Oncology, 2014, 21, 4256-4262.	0.7	37
13	Enhancement of 5-aminolevulinic acid-based fluorescence detection of side population-defined glioma stem cells by iron chelation. Scientific Reports, 2017, 7, 42070.	1.6	37
14	Effects of plasma membrane ABCB6 on 5-aminolevulinic acid (ALA)-induced porphyrin accumulation in vitro: Tumor cell response to hypoxia. Photodiagnosis and Photodynamic Therapy, 2015, 12, 45-51.	1.3	34
15	5-Aminolevulinic acid-induced protoporphyrin IX with multi-dose ionizing irradiation enhances host antitumor response and strongly inhibits tumor growth in experimental glioma in vivo. Molecular Medicine Reports, 2015, 11, 1813-1819.	1.1	32
16	Localization of poly-l-lysineâ€"photosensitizer conjugate in nucleus. Journal of Controlled Release, 2005, 103, 1-6.	4.8	28
17	The Effect of Iron Ion on the Specificity of Photodynamic Therapy with 5-Aminolevulinic Acid. PLoS ONE, 2015, 10, e0122351.	1.1	28
18	Porphyrins as urinary biomarkers for bladder cancer after 5-aminolevulinic acid (ALA) administration: The potential of photodynamic screening for tumors. Photodiagnosis and Photodynamic Therapy, 2013, 10, 484-489.	1.3	26

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19	The heme precursor 5-aminolevulinic acid disrupts the Warburg effect in tumor cells and induces caspase-dependent apoptosis. Oncology Reports, 2014, 31, 1282-1286.	1.2	24
20	Photodynamic therapy using upconversion nanoparticles prepared by laser ablation in liquid. Applied Surface Science, 2015, 348, 54-59.	3.1	24
21	5-Aminolevulinic acid regulates the immune response in LPS-stimulated RAW 264.7 macrophages. BMC Immunology, 2018, 19, 41.	0.9	24
22	The Effect of 5-Aminolevulinic Acid on Cytochrome P450-Mediated Prodrug Activation. PLoS ONE, 2015, 10, e0131793.	1.1	20
23	Access to a novel near-infrared photodynamic therapy through the combined use of 5-aminolevulinic acid and lanthanide nanoparticles. Photodiagnosis and Photodynamic Therapy, 2013, 10, 607-614.	1.3	18
24	Current status of photodynamic technology for urothelial cancer. Cancer Science, 2022, 113, 392-398.	1.7	18
25	Porphyrins in urine after administration of 5-aminolevulinic acid as a potential tumor marker. Photodiagnosis and Photodynamic Therapy, 2011, 8, 328-331.	1.3	17
26	Photodynamic detection and management of intraperitoneal spreading of primary peritoneal papillary serous carcinoma in a man: report of a case. Surgery Today, 2014, 44, 373-377.	0.7	16
27	Oxygen Availability for Porphyrin Biosynthesis Enzymes Determines the Production of Protoporphyrin IX (PpIX) during Hypoxia. PLoS ONE, 2015, 10, e0146026.	1.1	15
28	Mitomycin C-induced cell cycle arrest enhances 5-aminolevulinic acid-based photodynamic therapy for bladder cancer. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101893.	1.3	15
29	Plasma protoporphyrin IX following administration of 5-aminolevulinic acid as a potential tumor marker. Molecular and Clinical Oncology, 2015, 3, 797-801.	0.4	14
30	The Effect of Coatings on the Affinity of Lanthanide Nanoparticles to MKN45 and HeLa Cancer Cells and Improvement in Photodynamic Therapy Efficiency. International Journal of Molecular Sciences, 2015, 16, 22415-22424.	1.8	14
31	Enhanced lipid metabolism induces the sensitivity of dormant cancer cells to 5-aminolevulinic acid-based photodynamic therapy. Scientific Reports, 2021, 11, 7290.	1.6	13
32	Proneurotensin/neuromedin N secreted from small cell lung carcinoma cell lines as a potential tumor marker. Proteomics - Clinical Applications, 2008, 2, 1620-1627.	0.8	12
33	Photodynamic Detection of Peritoneal Metastases Using 5-Aminolevulinic Acid (ALA). Cancers, 2017, 9, 23.	1.7	12
34	Novel strategy to increase specificity of ALA-Induced PpIX accumulation through inhibition of transporters involved in ALA uptake. Photodiagnosis and Photodynamic Therapy, 2019, 27, 327-335.	1.3	12
35	Photoirradiation after aminolevulinic acid treatment suppresses cancer cell proliferation through the HO-1/p21 pathway. Photodiagnosis and Photodynamic Therapy, 2019, 28, 10-17.	1.3	12
36	Improvement of Tumor Localization of Photosensitizers for Photodynamic Therapy and Its Application for Tumor Diagnosis. Current Topics in Medicinal Chemistry, 2012, 12, 176-184.	1.0	11

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37	Sugar-attached upconversion lanthanide nanoparticles: A novel tool for high-throughput lectin assay. Bioorganic and Medicinal Chemistry, 2013, 21, 2832-2842.	1.4	9
38	Coating lanthanide nanoparticles with carbohydrate ligands elicits affinity for HeLa and RAW264.7 cells, enhancing their photodamaging effect. Bioorganic and Medicinal Chemistry, 2017, 25, 743-749.	1.4	9
39	Key transporters leading to specific protoporphyrin IX accumulation in cancer cell following administration of aminolevulinic acid in photodynamic therapy/diagnosis. International Journal of Clinical Oncology, 2021, 26, 26-33.	1.0	9
40	Improvement of aminolevulinic acid (ALA)-mediated photodynamic diagnosis using n-propyl gallate. Photodiagnosis and Photodynamic Therapy, 2013, 10, 28-32.	1.3	8
41	The effects of the heme precursor 5â€aminolevulinic acid (ALA) on REVâ€ERBÎ± activation. FEBS Open Bio, 2014, 4, 347-352.	1.0	8
42	5-aminolevulinic acid enhances cell death under thermal stress in certain cancer cell lines. Bioscience, Biotechnology and Biochemistry, 2015, 79, 422-431.	0.6	7
43	Efficiency of aminolevulinic acid (ALA)-photodynamic therapy based on ALA uptake transporters in a cell density-dependent malignancy model. Journal of Photochemistry and Photobiology B: Biology, 2021, 218, 112191.	1.7	7
44	Association of 5-aminolevulinic acid with intraoperative hypotension in malignant glioma surgery. Photodiagnosis and Photodynamic Therapy, 2022, 37, 102657.	1.3	6
45	Singlet Oxygen Generation and Photocytotoxicity against Tumor Cell by Two-Photon Absorption. Molecular Crystals and Liquid Crystals, 2007, 471, 61-67.	0.4	5
46	Improving contrast enhancement in magnetic resonance imaging using 5-aminolevulinic acid-induced protoporphyrin IX for high-grade gliomas. Oncology Letters, 2017, 13, 1269-1275.	0.8	5
47	Predictors of therapeutic efficacy of 5-aminolevulinic acid-based photodynamic therapy in human prostate cancer. Photodiagnosis and Photodynamic Therapy, 2021, 35, 102452.	1.3	5
48	Cellular localization and photodynamic effect of chlorin e6-monoclonal antibody conjugate. Journal of Porphyrins and Phthalocyanines, 2005, 09, 138-141.	0.4	4
49	Synthesis and crystal structures of phenylalanine ester-introduced palladium(II) and platinum(II) complexes and their cytotoxicities. Research on Chemical Intermediates, 2019, 45, 3-12.	1.3	4
50	Sunitinib with photoirradiation-mediated reactive oxygen species generation induces apoptosis of renal cell carcinoma cells. Photodiagnosis and Photodynamic Therapy, 2021, 35, 102427.	1.3	4
51	Development of a novel Schiff base derivative for enhancing the anticancer potential of 5-aminolevulinic acid-based photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2017, 20, 182-188.	1.3	2
52	Cellular Uptake and Photocytotoxicity of Glycoconjugated Porphyrins in Hela Cells.^{Â¶}. Photochemistry and Photobiology, 2004, 80, 301-308.	1.3	1
53	Cancer Therapy and Diagnosis Using Photosensitizers. Journal of the Japan Society of Colour Material, 2015, 88, 416-418.	0.0	0