Chin-Tin Chen

List of Publications by Year
in descending order

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66	2,182	172457	233421
papers	citations	29 h-index	45 g-index

66	66	66	2796
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oleic Acid-Based Self Micro-Emulsifying Delivery System for Enhancing Antifungal Activities of Clotrimazole. Pharmaceutics, 2022, 14, 478.	4.5	8
2	Fabrication of Doxorubicin-Loaded Lipid-Based Nanocarriers by Microfluidic Rapid Mixing. Biomedicines, 2022, 10, 1259.	3.2	5
3	DNA Hypermethylation Involves in the Down-Regulation of Chloride Intracellular Channel 4 (CLIC4) Induced by Photodynamic Therapy. Biomedicines, 2021, 9, 927.	3.2	1
4	The antifungal activities and biological consequences of BMVC-12C-P, a carbazole derivative against Candida species. Medical Mycology, 2020, 58, 521-529.	0.7	5
5	A Novel Treatment Modality for Malignant Peripheral Nerve Sheath Tumor Using a Dual-Effect Liposome to Combine Photodynamic Therapy and Chemotherapy. Pharmaceutics, 2020, 12, 317.	4.5	12
6	Co-Encapsulation of Chlorin e6 and Chemotherapeutic Drugs in a PEGylated Liposome Enhance the Efficacy of Tumor Treatment: Pharmacokinetics and Therapeutic Efficacy. Pharmaceutics, 2019, 11, 617.	4.5	16
7	A G-Quadruplex Structure in the Promoter Region of CLIC4 Functions as a Regulatory Element for Gene Expression. International Journal of Molecular Sciences, 2018, 19, 2678.	4.1	11
8	Photodynamic Inactivation Potentiates the Susceptibility of Antifungal Agents against the Planktonic and Biofilm Cells of Candida albicans. International Journal of Molecular Sciences, 2018, 19, 434.	4.1	17
9	Chitosan Inhibits the Rehabilitation of Damaged Microbes Induced by Photodynamic Inactivation. International Journal of Molecular Sciences, 2018, 19, 2598.	4.1	16
10	Distinct cytoprotective roles of pyruvate and ATP by glucose metabolism on epithelial necroptosis and crypt proliferation in ischaemic gut. Journal of Physiology, 2017, 595, 505-521.	2.9	33
11	Expression of the human telomerase reverse transcriptase gene is modulated by quadruplex formation in its first exon due to DNA methylation. Journal of Biological Chemistry, 2017, 292, 20859-20870.	3.4	28
12	Doxycycline potentiates antitumor effect of 5-aminolevulinic acid-mediated photodynamic therapy in malignant peripheral nerve sheath tumor cells. PLoS ONE, 2017, 12, e0178493.	2.5	18
13	Assessment of Photodynamic Inactivation against Periodontal Bacteria Mediated by a Chitosan Hydrogel in a 3D Gingival Model. International Journal of Molecular Sciences, 2016, 17, 1821.	4.1	26
14	Optimization and Evaluation of a Chitosan/Hydroxypropyl Methylcellulose Hydrogel Containing Toluidine Blue O for Antimicrobial Photodynamic Inactivation. International Journal of Molecular Sciences, 2015, 16, 20859-20872.	4.1	38
15	Increased Histone Deacetylase Activity Involved in the Suppressed Invasion of Cancer Cells Survived from ALA-Mediated Photodynamic Treatment. International Journal of Molecular Sciences, 2015, 16, 23994-24010.	4.1	11
16	Histone acetyltransferase p300 is induced by p38MAPK after photodynamic therapy: the therapeutic response is increased by the p300HAT inhibitor anacardic acid. Free Radical Biology and Medicine, 2015, 86, 118-132.	2.9	19
17	Dualâ€effect liposomes encapsulated with doxorubicin and chlorin e6 augment the therapeutic effect of tumor treatment. Lasers in Surgery and Medicine, 2015, 47, 77-87.	2.1	31
18	Direct evidence of mitochondrial G-quadruplex DNA by using fluorescent anti-cancer agents. Nucleic Acids Research, 2015, 43, gkv1061.	14.5	88

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19	Soluble AXL: A Possible Circulating Biomarker for Neurofibromatosis Type 1 Related Tumor Burden. PLoS ONE, 2014, 9, e115916.	2.5	25
20	Absorption and fluorescence spectral properties of hematoporphyrin in liposomes, micelles, and nanoparticles. Dyes and Pigments, 2013, 96, 763-769.	3.7	16
21	Chloride intracellular channel 4 involves in the reduced invasiveness of cancer cells treated by photodynamic therapy. Lasers in Surgery and Medicine, 2013, 45, 38-47.	2.1	22
22	Photodynamic inactivation of chlorin e6â€loaded CTABâ€liposomes against Candida albicans. Lasers in Surgery and Medicine, 2013, 45, 175-185.	2.1	44
23	The Use of Chitosan to Enhance Photodynamic Inactivation against Candida albicans and Its Drug-Resistant Clinical Isolates. International Journal of Molecular Sciences, 2013, 14, 7445-7456.	4.1	46
24	Liposome-Encapsulated Photosensitizers Against Bacteria. Recent Patents on Anti-infective Drug Discovery, 2013, 8, 100-107.	0.8	18
25	Chitosan Nanoparticles for Antimicrobial Photodynamic Inactivation: Characterization and In Vitro Investigation^{â€}. Photochemistry and Photobiology, 2012, 88, 570-576.	2.5	69
26	Chitosan Augments Photodynamic Inactivation of Gram-Positive and Gram-Negative Bacteria. Antimicrobial Agents and Chemotherapy, 2011, 55, 1883-1890.	3.2	73
27	Cellular Photodynamic Toxicity of Hematoporphyrin in Various Nanocarrier Systems. Current Nanoscience, 2011, 7, 850-855.	1.2	0
28	Spray-Dried Microparticles Containing Polymeric Micelles Encapsulating Hematoporphyrin. AAPS Journal, 2010, 12, 138-146.	4.4	30
29	5-ALA mediated photodynamic therapy induces autophagic cell death via AMP-activated protein kinase. Molecular Cancer, 2010, 9, 91.	19.2	63
30	Improved diagnosis of oral premalignant lesions in submucous fibrosis patients with 5-aminolevulinic acid induced PpIX fluorescence. Journal of Biomedical Optics, 2009, 14, 044026.	2.6	12
31	Improved photodynamic inactivation of gramâ€positive bacteria using hematoporphyrin encapsulated in liposomes and micelles. Lasers in Surgery and Medicine, 2009, 41, 316-322.	2.1	84
32	ALAâ€PDT results in phenotypic changes and decreased cellular invasion in surviving cancer cells. Lasers in Surgery and Medicine, 2009, 41, 305-315.	2.1	61
33	A Dual Selective Antitumor Agent and Fluorescence Probe: the Binary BMVCâ€“Porphyrin Photosensitizer. ChemMedChem, 2008, 3, 725-728.	3.2	11
34	G-Quadruplex Stabilizer 3,6-Bis(1-Methyl-4-Vinylpyridinium)Carbazole Diiodide Induces Accelerated Senescence and Inhibits Tumorigenic Properties in Cancer Cells. Molecular Cancer Research, 2008, 6, 955-964.	3.4	51
35	Photodynamic therapy suppresses the migration and invasion of head and neck cancer cells in vitro. Oral Oncology, 2007, 43, 358-365.	1.5	43
36	Photodynamic therapy with topical 5-aminolevulinic acid as a post-operative adjuvant therapy for an incompletely resected primary nasopharyngeal papillary adenocarcinoma: A case report. Lasers in Surgery and Medicine, 2006, 38, 435-438.	2.1	30

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37	Successful treatment of an extensive verrucous carcinoma with topical 5-aminolevulinic acid-mediated photodynamic therapy. Journal of Oral Pathology and Medicine, 2005, 34, 253-256.	2.7	49
38	Reorganization of cytoskeleton induced by 5-aminolevulinic acid-mediated photodynamic therapy and its correlation with mitochondrial dysfunction. Lasers in Surgery and Medicine, 2005, 36, 398-408.	2.1	46
39	Skin denervation, neuropathology, and neuropathic pain in a laser-induced focal neuropathy. Neurobiology of Disease, 2005, 18, 40-53.	4.4	40
40	Use of Merocyanine 540 for Photodynamic Inactivation of Staphylococcus aureus Planktonic and Biofilm Cells. Applied and Environmental Microbiology, 2004, 70, 6453-6458.	3.1	38
41	Successful treatment of oral verrucous hyperplasia with topical 5-aminolevulinic acid-mediated photodynamic therapy. Oral Oncology, 2004, 40, 630-637.	1.5	67
42	A Novel Carbazole Derivative, BMVC: a Potential Antitumor Agent and Fluorescence Marker of Cancer Cells. Chemistry and Biodiversity, 2004, 1, 1377-1384.	2.1	74
43	Effect of 5-aminolevulinic acid-mediated photodynamic therapy on MCF-7 and MCF-7/ADR cells. Lasers in Surgery and Medicine, 2004, 34, 62-72.	2.1	62
44	Photodynamic Therapy of oral dysplasia with topical 5-aminolevulinic acid and light-emitting diode array. Lasers in Surgery and Medicine, 2004, 34, 18-24.	2.1	72
45	Î´-Aminolaevulinic acid mediated photodynamic antimicrobial chemotherapy on Pseudomonas aeruginosa planktonic and biofilm cultures. Journal of Photochemistry and Photobiology B: Biology, 2004, 75, 21-25.	3.8	67
46	Detection of Quadruplex DNA Structures in Human Telomeres by a Fluorescent Carbazole Derivative. Analytical Chemistry, 2004, 76, 4490-4494.	6.5	160
47	PLS-ANN based classification model for oral submucous fibrosis and oral carcinogenesis. Lasers in Surgery and Medicine, 2003, 32, 318-326.	2.1	46
48	In vivo autofluorescence spectroscopy of oral premalignant and malignant lesions: Distortion of fluorescence intensity by submucous fibrosis. Lasers in Surgery and Medicine, 2003, 33, 40-47.	2.1	25
49	Autofluorescence spectroscopy for inâ€ƒvivo diagnosis of DMBA-induced hamster buccal pouch pre-cancers and cancers. Journal of Oral Pathology and Medicine, 2003, 32, 18-24.	2.7	15
50	Auto-fluorescence spectra of oral submucous fibrosis. Journal of Oral Pathology and Medicine, 2003, 32, 337-343.	2.7	18
51	Protein kinase C mediates induced secretion of vascular endothelial growth factor by human glioma cells. Biochemical and Biophysical Research Communications, 2003, 309, 952-960.	2.1	15
52	Pentoxifylline modulates intracellular signalling of TGF-Â in cultured human peritoneal mesothelial cells: implications for prevention of encapsulating peritoneal sclerosis. Nephrology Dialysis Transplantation, 2003, 18, 670-676.	0.7	44
53	Autofluoresence spectroscopy for in-vivo diagnosis of human oral carcinogenesis. , 2002, 4916, 227.		0
54	<title>Identification of oral carcinogenesis using autofluorescence spectroscopy: an in-vivo study</title>. , 2001, , .		0

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55	Dipyridamole inhibits TGF-Î²â€“induced collagen gene expression in human peritoneal mesothelial cells. Kidney International, 2001, 60, 1249-1257.	5.2	49
56	Dipyridamole inhibits PDGF-stimulated human peritoneal mesothelial cell proliferation. Kidney International, 2001, 60, 872-881.	5.2	24
57	A Probability-based Multivariate Statistical Algorithm for Autofluorescence Spectroscopic Identification of Oral Carcinogenesis. Photochemistry and Photobiology, 1999, 69, 471-477.	2.5	43
58	Diagnosis of oral cancer by light-induced autofluorescence spectroscopy using double excitation wavelengths. Oral Oncology, 1999, 35, 144-150.	1.5	50
59	Comparative study on the ALA photodynamic effects of human glioma and meningioma cells. , 1999, 24, 296-305.		43
60	Partial Least-Squares Discriminant Analysis on Autofluorescence Spectra of Oral Carcinogenesis. Applied Spectroscopy, 1998, 52, 1190-1196.	2.2	25
61	Autofluorescence in normal and malignant human oral tissues and in DMBAâ€induced hamster buccal pouch carcinogenesis. Journal of Oral Pathology and Medicine, 1998, 27, 470-474.	2.7	26
62	Spectroscopic fluorescence characteristics of DMBA-induced hamster buccal pouch carcinogenesis. , 0, , .		0
63	A multivariate statistical algorithm for analyzing fluorescence spectroscopy of oral squamous cell carcinoma-an animal model approach. , 0, , .		0
64	Detection of oral cancer by ALA fluorescent image. , 0, , .		2
65	A fluorescence imaging system for oral cancer and precancer detection. , 0, , .		1
66	Topical 5-aminolevulinic acid photodynamic therapy for the treatment of warts: comparison of red and green light-emitting diode array. , 0, , .		0