Steven Y Qian

List of Publications by Year
in descending order

34	1,050	394421	414414
papers	citations	19 h-index	32 g-index

35	35	35	1733
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Iminodibenzyl redirected cyclooxygenase-2 catalyzed dihomo-Î³-linolenic acid peroxidation pattern in lung cancer. Free Radical Biology and Medicine, 2021, 172, 167-180.	2.9	4
2	Iminodibenzyl induced redirected COX-2 activity inhibits breast cancer progression. Npj Breast Cancer, 2021, 7, 122.	5.2	2
3	Delta-5-desaturase: A novel therapeutic target for cancer management. Translational Oncology, 2021, 14, 101207.	3.7	6
4	EpCAM-Targeted 3WJ RNA Nanoparticle Harboring Delta-5-Desaturase siRNA Inhibited Lung Tumor Formation via DGLA Peroxidation. Molecular Therapy - Nucleic Acids, 2020, 22, 222-235.	5.1	17
5	Growth inhibitory and anti-metastatic activity of epithelial cell adhesion molecule targeted three-way junctional delta-5-desaturase siRNA nanoparticle for breast cancer therapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 30, 102298.	3.3	9
6	Free radical-dependent inhibition of prostaglandin endoperoxide H Synthase-2 by nitro-arachidonic acid. Free Radical Biology and Medicine, 2019, 144, 176-182.	2.9	7
7	Celastrol suppresses nitric oxide synthases and the angiogenesis pathway in colorectal cancer. Free Radical Research, 2019, 53, 324-334.	3.3	33
8	Specific delivery of delta-5-desaturase siRNA via RNA nanoparticles supplemented with dihomo-Î³-linolenic acid for colon cancer suppression. Redox Biology, 2019, 21, 101085.	9.0	28
9	Nitric oxide synthase inhibitors 1400W and L-NIO inhibit angiogenesis pathway of colorectal cancer. Nitric Oxide - Biology and Chemistry, 2019, 83, 33-39.	2.7	27
10	Dihomo-Î³-linolenic acid inhibits growth of xenograft tumors in mice bearing human pancreatic cancer cells (BxPC-3) transfected with delta-5-desaturase shRNA. Redox Biology, 2019, 20, 236-246.	9.0	12
11	Evaluation of Serum CEA, CA19-9, CA72-4, CA125 and Ferritin as Diagnostic Markers and Factors of Clinical Parameters for Colorectal Cancer. Scientific Reports, 2018, 8, 2732.	3.3	184
12	Knockdown delta-5-desaturase in breast cancer cells that overexpress COX-2 results in inhibition of growth, migration and invasion via a dihomo-Î³-linolenic acid peroxidation dependent mechanism. BMC Cancer, 2018, 18, 330.	2.6	34
13	Dihomo-Î³-linolenic acid inhibits xenograft tumor growth in mice bearing shRNA-transfected HCA-7 cells targeting delta-5-desaturase. BMC Cancer, 2018, 18, 1268.	2.6	8
14	Inhibition of cancer migration and invasion by knocking down delta-5-desaturase in COX-2 overexpressed cancer cells. Redox Biology, 2017, 11, 653-662.	9.0	39
15	Probing the Aggregation Mechanism of Gold Nanoparticles Triggered by a Globular Protein. Journal of Physical Chemistry C, 2017, 121, 1377-1386.	3.1	43
16	Techniques for Detecting Reactive Oxygen Species in Pulmonary Vasculature Redox Signaling. Advances in Experimental Medicine and Biology, 2017, 967, 361-372.	1.6	0
17	A novel multi-hyphenated analytical method to simultaneously determine xanthine oxidase inhibitors and superoxide anion scavengers in natural products. Analytica Chimica Acta, 2017, 984, 124-133.	5.4	20
18	Knockdown delta-5-desaturase promotes the formation of a novel free radical byproduct from COX-catalyzed Ï‰-6 peroxidation to induce apoptosis and sensitize pancreatic cancer cells to chemotherapy drugs. Free Radical Biology and Medicine, 2016, 97, 342-350.	2.9	18

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19	Knockdown of delta-5-desaturase promotes the anti-cancer activity of dihomo-Î³-linolenic acid and enhances the efficacy of chemotherapy in colon cancer cells expressing COX-2. Free Radical Biology and Medicine, 2016, 96, 67-77.	2.9	26
20	Vitamin D Enhances the Efficacy of Irinotecan through miR-627â€“Mediated Inhibition of Intratumoral Drug Metabolism. Molecular Cancer Therapeutics, 2016, 15, 2086-2095.	4.1	29
21	Autistic Children Exhibit Decreased Levels of Essential Fatty Acids in Red Blood Cells. International Journal of Molecular Sciences, 2015, 16, 10061-10076.	4.1	81
22	Anti-cancer activities of Ï‰-6 polyunsaturated fatty acids. Biomedical Journal, 2014, 37, 112-9.	3.1	87
23	Free radical derivatives formed from cyclooxygenase-catalyzed dihomo-Î³-linolenic acid peroxidation can attenuate colon cancer cell growth and enhance 5-fluorouracilÃ—s cytotoxicity. Redox Biology, 2014, 2, 610-618.	9.0	30
24	A single-layer peptide nanofiber for enhancing the cytotoxicity of trastuzumab (anti-HER). Journal of Nanoparticle Research, 2013, 15, 1.	1.9	1
25	The first characterization of free radicals formed from cellular COX-catalyzed peroxidation. Free Radical Biology and Medicine, 2013, 57, 49-60.	2.9	27
26	Deltaâ€6â€desaturase activity and arachidonic acid synthesis are increased in human breast cancer tissue. Cancer Science, 2013, 104, 760-764.	3.9	53
27	An Advanced Electron Spin Resonance (ESR) Spin-Trapping and LC/(ESR)/MS Technique for the Study of Lipid Peroxidation. International Journal of Molecular Sciences, 2012, 13, 14648-14666.	4.1	22
28	Combination of Spin-Trapping, LC/ESR and LC/MS Technique in Characterization of PUFA-Derived Free Radicals in Lipid Peroxidation. Sheng Wu Wu Li Hsueh Bao, 2012, 28, 355.	0.1	4
29	Characterization of free radicals formed from COX-catalyzed DGLA peroxidation. Free Radical Biology and Medicine, 2011, 50, 1163-1170.	2.9	20
30	LC/ESR/MS study of pH-dependent radical generation from 15-LOX-catalyzed DPA peroxidation. Free Radical Biology and Medicine, 2011, 51, 1461-1470.	2.9	8
31	A combination study of spin-trapping, LC/ESR and LC/MS on carbon-centred radicals formed from lipoxygenase-catalysed peroxidation of eicosapentaenoic acid. Free Radical Research, 2009, 43, 13-27.	3.3	16
32	Characterization of novel radicals from COX-catalyzed arachidonic acid peroxidation. Free Radical Biology and Medicine, 2009, 47, 568-576.	2.9	27
33	LC/ESR/MS study of spin trapped carbon-centred radicals formed fromin vitrolipoxygenase-catalysed peroxidation ofÎ³-linolenic acid. Free Radical Research, 2008, 42, 442-455.	3.3	17
34	Separation and identification of DMPO adducts of oxygen-centered radicals formed from organic hydroperoxides by HPLC-ESR, ESI-MS and MS/MS. Journal of the American Society for Mass Spectrometry, 2003, 14, 862-871.	2.8	108