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List of Publications by Year in descending order

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34
papers

1,050
citations

394421

19
h-index

414414

32
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all docs

35
docs citations

35
times ranked

1733
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Serum CEA, CA19-9, CA72-4, CA125 and Ferritin as Diagnostic Markers and Factors of Clinical Parameters for Colorectal Cancer. <i>Scientific Reports</i> , 2018, 8, 2732.	3.3	184
2	Separation and identification of DMPO adducts of oxygen-centered radicals formed from organic hydroperoxides by HPLC-ESR, ESI-MS and MS/MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2003, 14, 862-871.	2.8	108
3	Anti-cancer activities of ω -6 polyunsaturated fatty acids. <i>Biomedical Journal</i> , 2014, 37, 112-9.	3.1	87
4	Autistic Children Exhibit Decreased Levels of Essential Fatty Acids in Red Blood Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 10061-10076.	4.1	81
5	Delta-5-desaturase activity and arachidonic acid synthesis are increased in human breast cancer tissue. <i>Cancer Science</i> , 2013, 104, 760-764.	3.9	53
6	Probing the Aggregation Mechanism of Gold Nanoparticles Triggered by a Globular Protein. <i>Journal of Physical Chemistry C</i> , 2017, 121, 1377-1386.	3.1	43
7	Inhibition of cancer migration and invasion by knocking down delta-5-desaturase in COX-2 overexpressed cancer cells. <i>Redox Biology</i> , 2017, 11, 653-662.	9.0	39
8	Knockdown delta-5-desaturase in breast cancer cells that overexpress COX-2 results in inhibition of growth, migration and invasion via a dihomo- $\hat{3}$ -linolenic acid peroxidation dependent mechanism. <i>BMC Cancer</i> , 2018, 18, 330.	2.6	34
9	Celastrol suppresses nitric oxide synthases and the angiogenesis pathway in colorectal cancer. <i>Free Radical Research</i> , 2019, 53, 324-334.	3.3	33
10	Free radical derivatives formed from cyclooxygenase-catalyzed dihomo- $\hat{3}$ -linolenic acid peroxidation can attenuate colon cancer cell growth and enhance 5-fluorouracil's cytotoxicity. <i>Redox Biology</i> , 2014, 2, 610-618.	9.0	30
11	Vitamin D Enhances the Efficacy of Irinotecan through miR-627-Mediated Inhibition of Intratumoral Drug Metabolism. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2086-2095.	4.1	29
12	Specific delivery of delta-5-desaturase siRNA via RNA nanoparticles supplemented with dihomo- $\hat{3}$ -linolenic acid for colon cancer suppression. <i>Redox Biology</i> , 2019, 21, 101085.	9.0	28
13	Characterization of novel radicals from COX-catalyzed arachidonic acid peroxidation. <i>Free Radical Biology and Medicine</i> , 2009, 47, 568-576.	2.9	27
14	The first characterization of free radicals formed from cellular COX-catalyzed peroxidation. <i>Free Radical Biology and Medicine</i> , 2013, 57, 49-60.	2.9	27
15	Nitric oxide synthase inhibitors 1400W and L-NIO inhibit angiogenesis pathway of colorectal cancer. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 83, 33-39.	2.7	27
16	Knockdown of delta-5-desaturase promotes the anti-cancer activity of dihomo- $\hat{3}$ -linolenic acid and enhances the efficacy of chemotherapy in colon cancer cells expressing COX-2. <i>Free Radical Biology and Medicine</i> , 2016, 96, 67-77.	2.9	26
17	An Advanced Electron Spin Resonance (ESR) Spin-Trapping and LC/(ESR)/MS Technique for the Study of Lipid Peroxidation. <i>International Journal of Molecular Sciences</i> , 2012, 13, 14648-14666.	4.1	22
18	Characterization of free radicals formed from COX-catalyzed DGLA peroxidation. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1163-1170.	2.9	20

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19	A novel multi-hyphenated analytical method to simultaneously determine xanthine oxidase inhibitors and superoxide anion scavengers in natural products. <i>Analytica Chimica Acta</i> , 2017, 984, 124-133.	5.4	20
20	Knockdown delta-5-desaturase promotes the formation of a novel free radical byproduct from COX-catalyzed ω -6 peroxidation to induce apoptosis and sensitize pancreatic cancer cells to chemotherapy drugs. <i>Free Radical Biology and Medicine</i> , 2016, 97, 342-350.	2.9	18
21	LC/ESR/MS study of spin trapped carbon-centred radicals formed from <i>in vitro</i> lipoxygenase-catalysed peroxidation of α -linolenic acid. <i>Free Radical Research</i> , 2008, 42, 442-455.	3.3	17
22	EpCAM-Targeted 3WJ RNA Nanoparticle Harboring Delta-5-Desaturase siRNA Inhibited Lung Tumor Formation via DGLA Peroxidation. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 222-235.	5.1	17
23	A combination study of spin-trapping, LC/ESR and LC/MS on carbon-centred radicals formed from lipoxygenase-catalysed peroxidation of eicosapentaenoic acid. <i>Free Radical Research</i> , 2009, 43, 13-27.	3.3	16
24	Dihomo- α -linolenic acid inhibits growth of xenograft tumors in mice bearing human pancreatic cancer cells (BxPC-3) transfected with delta-5-desaturase shRNA. <i>Redox Biology</i> , 2019, 20, 236-246.	9.0	12
25	Growth inhibitory and anti-metastatic activity of epithelial cell adhesion molecule targeted three-way junctional delta-5-desaturase siRNA nanoparticle for breast cancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 30, 102298.	3.3	9
26	LC/ESR/MS study of pH-dependent radical generation from 15-LOX-catalyzed DPA peroxidation. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1461-1470.	2.9	8
27	Dihomo- α -linolenic acid inhibits xenograft tumor growth in mice bearing shRNA-transfected HCA-7 cells targeting delta-5-desaturase. <i>BMC Cancer</i> , 2018, 18, 1268.	2.6	8
28	Free radical-dependent inhibition of prostaglandin endoperoxide H Synthase-2 by nitro-arachidonic acid. <i>Free Radical Biology and Medicine</i> , 2019, 144, 176-182.	2.9	7
29	Delta-5-desaturase: A novel therapeutic target for cancer management. <i>Translational Oncology</i> , 2021, 14, 101207.	3.7	6
30	Iminodibenzyl redirected cyclooxygenase-2 catalyzed dihomom- α -linolenic acid peroxidation pattern in lung cancer. <i>Free Radical Biology and Medicine</i> , 2021, 172, 167-180.	2.9	4
31	Combination of Spin-Trapping, LC/ESR and LC/MS Technique in Characterization of PUFA-Derived Free Radicals in Lipid Peroxidation. <i>Sheng Wu Wu Li Hsueh Bao</i> , 2012, 28, 355.	0.1	4
32	Iminodibenzyl induced redirected COX-2 activity inhibits breast cancer progression. <i>Npj Breast Cancer</i> , 2021, 7, 122.	5.2	2
33	A single-layer peptide nanofiber for enhancing the cytotoxicity of trastuzumab (anti-HER). <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	1
34	Techniques for Detecting Reactive Oxygen Species in Pulmonary Vasculature Redox Signaling. <i>Advances in Experimental Medicine and Biology</i> , 2017, 967, 361-372.	1.6	0