

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,526
citations

125106

35
h-index

162838

57
g-index

60
all docs

60
docs citations

60
times ranked

5198
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustained proliferation in cancer: Mechanisms and novel therapeutic targets. <i>Seminars in Cancer Biology</i> , 2015, 35, S25-S54.	4.3	468
2	Designing a broad-spectrum integrative approach for cancer prevention and treatment. <i>Seminars in Cancer Biology</i> , 2015, 35, S276-S304.	4.3	220
3	Saffron: A potential candidate for a novel anticancer drug against hepatocellular carcinoma. <i>Hepatology</i> , 2011, 54, 857-867.	3.6	159
4	Chemopreventive activities of (Fenugreek) against breast cancer. <i>Cell Biology International</i> , 2005, 29, 687-694.	1.4	125
5	Effects of Roselle and Ginger on cisplatin-induced reproductive toxicity in rats. <i>Asian Journal of Andrology</i> , 2006, 8, 607-612.	0.8	113
6	Oxidative stress mediates drug-induced hepatotoxicity in rats: a possible role of DNA fragmentation. <i>Toxicology</i> , 2005, 208, 367-375.	2.0	108
7	Potential compound from herbal food of Rhizoma Polygonati for treatment of COVID-19 analyzed by network pharmacology: Viral and cancer signaling mechanisms. <i>Journal of Functional Foods</i> , 2021, 77, 104149.	1.6	97
8	Saffron: The Golden Spice with Therapeutic Properties on Digestive Diseases. <i>Nutrients</i> , 2019, 11, 943.	1.7	96
9	Evasion of anti-growth signaling: A key step in tumorigenesis and potential target for treatment and prophylaxis by natural compounds. <i>Seminars in Cancer Biology</i> , 2015, 35, S55-S77.	4.3	95
10	Current status of nanomaterial-based treatment for hepatocellular carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2019, 116, 108852.	2.5	90
11	Standardized extract of ginger ameliorates liver cancer by reducing proliferation and inducing apoptosis through inhibition oxidative stress/ inflammation pathway. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 111102.	2.5	90
12	Antioxidant and anticancer activities of chamomile (<i>Matricaria recutita</i> L.). <i>BMC Research Notes</i> , 2019, 12, 3.	0.6	83
13	Safranal induces DNA double-strand breakage and ER-stress-mediated cell death in hepatocellular carcinoma cells. <i>Scientific Reports</i> , 2018, 8, 16951.	1.6	82
14	Antioxidant and anticancer activities of <i>Trigonella foenum-graecum</i> , <i>Cassia acutifolia</i> and <i>Rhazya stricta</i> . <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 240.	3.7	77
15	Inhibitory properties of camel whey protein hydrolysates toward liver cancer cells, dipeptidyl peptidase-IV, and inflammation. <i>Journal of Dairy Science</i> , 2018, 101, 8711-8720.	1.4	74
16	Aescin and diosmin each alone or in low dose- combination ameliorate liver damage induced by carbon tetrachloride in rats. <i>BMC Research Notes</i> , 2020, 13, 259.	0.6	72
17	Saffron-Based Crocin Prevents Early Lesions of Liver Cancer: In vivo, In vitro and Network Analyses. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2016, 11, 121-133.	0.8	70
18	Molecular characterization of the grape seeds extract's effect against chemically induced liver cancer: In vivo and in vitro analyses. <i>Scientific Reports</i> , 2018, 8, 1270.	1.6	68

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19	Defective Autophagosome Formation in p53-Null Colorectal Cancer Reinforces Crocin-Induced Apoptosis. <i>International Journal of Molecular Sciences</i> , 2015, 16, 1544-1561.	1.8	66
20	Development of a therapeutic model of precancerous liver using crocin-coated magnetite nanoparticles. <i>International Journal of Oncology</i> , 2017, 50, 212-222.	1.4	66
21	Hawthorn Herbal Preparation from <i>Crataegus oxyacantha</i> Attenuates In Vivo Carbon Tetrachloride-Induced Hepatic Fibrosis via Modulating Oxidative Stress and Inflammation. <i>Antioxidants</i> , 2020, 9, 1173.	2.2	65
22	Saffron and Its Major Ingredientsâ€™ Effect on Colon Cancer Cells with Mismatch Repair Deficiency and Microsatellite Instability. <i>Molecules</i> , 2021, 26, 3855.	1.7	64
23	Anti-Hepatocellular Carcinoma Biomolecules: Molecular Targets Insights. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10774.	1.8	64
24	Overview of major classes of plant-derived anticancer drugs. <i>International Journal of Biomedical Science</i> , 2009, 5, 1-11.	0.5	61
25	Herbal extracts counteract cisplatin-mediated cell death in rat testis. <i>Asian Journal of Andrology</i> , 2008, 10, 291-297.	0.8	60
26	Texture analysis of liver fibrosis microscopic images: a study on the effect of biomarkers. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011, 43, 193-203.	0.9	57
27	The anticancer effect of saffron in two p53 isogenic colorectal cancer cell lines. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 69.	3.7	55
28	Dandelion prevents liver fibrosis, inflammatory response, and oxidative stress in rats. <i>Journal of Basic and Applied Zoology</i> , 2020, 81, .	0.4	50
29	Therapeutic targeting of replicative immortality. <i>Seminars in Cancer Biology</i> , 2015, 35, S104-S128.	4.3	49
30	Network pharmacology and experimental investigation of <i>Rhizoma polygonati</i> extract targeted kinase with herbzyme activity for potent drug delivery. <i>Drug Delivery</i> , 2021, 28, 2187-2197.	2.5	49
31	Camel whey protein hydrolysates induced G2/M cellcycle arrest in human colorectal carcinoma. <i>Scientific Reports</i> , 2021, 11, 7062.	1.6	47
32	<i>Zizyphus spina-christi</i> protects against carbon tetrachloride-induced liver fibrosis in rats. <i>Food and Chemical Toxicology</i> , 2009, 47, 2111-2119.	1.8	43
33	Halotolerant Marine Rhizosphere-Competent Actinobacteria Promote <i>Salicornia bigelovii</i> Growth and Seed Production Using Seawater Irrigation. <i>Frontiers in Microbiology</i> , 2020, 11, 552.	1.5	43
34	New Platinum and Ruthenium Complexes - the Latest Class of Potential Chemotherapeutic Drugs - a Review of Recent Developments in the Field. <i>Mini-Reviews in Medicinal Chemistry</i> , 2009, 9, 1489-1503.	1.1	42
35	A Standardized Extract of <i>Ginkgo biloba</i> Neutralizes Cisplatin-Mediated Reproductive Toxicity in Rats. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-11.	3.0	41
36	The Anti-Cancer Charm of Flavonoids: A Cup-of-Tea Will Do!. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2007, 2, 109-117.	0.8	33

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37	Ketoconazole-induced testicular damage in rats reduced by Gentiana extract. <i>Experimental and Toxicologic Pathology</i> , 2008, 59, 377-384.	2.1	33
38	Generation of particle assemblies mimicking enzymatic activity by processing of herbal food: the case of rhizoma polygonati and other natural ingredients in traditional Chinese medicine. <i>Nanoscale Advances</i> , 2021, 3, 2222-2235.	2.2	33
39	Safranal Inhibits Angiogenesis via Targeting HIF-1 α /VEGF Machinery: In Vitro and Ex Vivo Insights. <i>Frontiers in Oncology</i> , 2021, 11, 789172.	1.3	31
40	Molecular Mechanisms behind Safranal's Toxicity to HepG2 Cells from Dual Omics. <i>Antioxidants</i> , 2022, 11, 1125.	2.2	31
41	Synthesis and characterization of chitosan-coated magnetite nanoparticles using a modified wet method for drug delivery applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 73-82.	1.8	30
42	Detecting Protein Complexes in Protein Interaction Networks Modeled as Gene Expression Biclusters. <i>PLoS ONE</i> , 2015, 10, e0144163.	1.1	30
43	Safranal Prevents Liver Cancer Through Inhibiting Oxidative Stress and Alleviating Inflammation. <i>Frontiers in Pharmacology</i> , 2021, 12, 777500.	1.6	30
44	Low temperature synthesis of monolithic mesoporous magnetite nanoparticles. <i>Ceramics International</i> , 2012, 38, 627-634.	2.3	23
45	Neural network assessment of herbal protection against chemotherapeutic-induced reproductive toxicity. <i>Theoretical Biology and Medical Modelling</i> , 2012, 9, 1.	2.1	22
46	Bilirubin detoxification using different phytomaterials: characterization and in vitro studies. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2997-3010.	3.3	17
47	Rhizoma polygonati from Mount Tai: nutritional value and usefulness as a traditional Chinese medicine, source of herbzyme, and potential remediating agent for COVID-19 and chronic and hidden hunger. , 2021, 1, 31-38.		15
48	Nano-evolution and protein-based enzymatic evolution predicts novel types of natural product nanozymes of traditional Chinese medicine: cases of herbzymes of Taishan-Huangjing (<i>Rhizoma</i> Tj ETQq0 0 0 rgBT /Overlook 10 Tf 5		
49	Insights into glycan biosynthesis in chemically-induced hepatocellular carcinoma in rats: A glycomic analysis. <i>World Journal of Gastroenterology</i> , 2015, 21, 6167.	1.4	13
50	MRI-based texture analysis: a potential technique to assess protectors against induced-liver fibrosis in rats. <i>Radiology and Oncology</i> , 2009, 43, .	0.6	11
51	Effect of ivermectin on the integument and dorsoventral muscles of the tick <i>Argas (Persicargas) persicus</i> (Oken) (Ixodoidea: Argasidae). <i>Parasitology Research</i> , 2010, 107, 975-982.	0.6	8
52	Protective Effect of Green Algae Against 7,12-Dimethylbenzanthracene (DMBA)-Induced Breast Cancer in Rats. <i>International Journal of Cancer Research</i> , 2008, 5, 12-24.	0.2	8
53	Epidermal Growth Factor Receptor Signaling Activates orthodenticle Expression during <i>Drosophila</i> Head Development. <i>DNA and Cell Biology</i> , 2000, 19, 631-638.	0.9	7
54	Genetic Cross-Talk During Head Development in <i>Drosophila</i> . <i>Journal of Biomedicine and Biotechnology</i> , 2004, 2004, 16-23.	3.0	7

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55	Dataset of potential Rhizoma Polygonati compound-druggable targets and partial pharmacokinetics for treatment of COVID-19. <i>Data in Brief</i> , 2020, 33, 106475.	0.5	6
56	A simple methodology for RNA isolation from bacteria by integration of formamide extraction and chitosan-modified silica purification. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6469-6477.	1.9	5
57	An all-in-one nucleic acid enrichment and isothermal amplification platform for rapid detection of <i>Listeria monocytogenes</i> . <i>Food Control</i> , 2022, 139, 109096.	2.8	5
58	Fine structure of the integument of <i>Argas (Persicargas) persicus</i> (Oken) (Ixodoidea: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	3
59	Cancer and Biotechnology: A Matchup that Should Never Slowdown. , 2017, , 73-97.		2
60	Toxicity assessment of date pit activated carbon nanomaterials in hepatocytes. , 2019, , .		1