List of Publications by Year in descending order

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	57758	54911
7,758	44	84
citations	h-index	g-index
100	122	10005
132	132	12225
docs citations	times ranked	citing authors
	citations 132	7,758 44 citations h-index 132 132

#	Article	IF	CITATIONS
1	An all-in-one nucleic acid enrichment and isothermal amplification platform for rapid detection of Listeria monocytogenes. Food Control, 2022, 139, 109096.	5.5	5
2	Modelling liver cancer microenvironment using a novel 3D culture system. Scientific Reports, 2022, 12, 8003.	3.3	24
3	TLRs-JNK/ NF-κB Pathway Underlies the Protective Effect of the Sulfide Salt Against Liver Toxicity. Frontiers in Pharmacology, 2022, 13, 850066.	3.5	23
4	Molecular Mechanisms behind Safranal's Toxicity to HepG2 Cells from Dual Omics. Antioxidants, 2022, 11, 1125.	5.1	31
5	Standardized extract of ginger ameliorates liver cancer by reducing proliferation and inducing apoptosis through inhibition oxidative stress/ inflammation pathway. Biomedicine and Pharmacotherapy, 2021, 134, 111102.	5.6	90
6	Potential compound from herbal food of Rhizoma Polygonati for treatment of COVID-19 analyzed by network pharmacology: Viral and cancer signaling mechanisms. Journal of Functional Foods, 2021, 77, 104149.	3.4	97
7	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. Nanoscale Advances, 2021, 3, 2222-2235.	4.6	33
8	Camel whey protein hydrolysates induced G2/M cellcycle arrest in human colorectal carcinoma. Scientific Reports, 2021, 11, 7062.	3.3	47
9	Saffron and Its Major Ingredients' Effect on Colon Cancer Cells with Mismatch Repair Deficiency and Microsatellite Instability. Molecules, 2021, 26, 3855.	3.8	64
10	A simple methodology for RNA isolation from bacteria by integration of formamide extraction and chitosan-modified silica purification. Analytical and Bioanalytical Chemistry, 2021, 413, 6469-6477.	3.7	5
11	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) Tj ETQq1 1</i>	0.7 &. 4314	rg&B/Overlo
12	Anti-Hepatocellular Carcinoma Biomolecules: Molecular Targets Insights. International Journal of Molecular Sciences, 2021, 22, 10774.	4.1	64
13	Polyphenolic-enriched olive leaf extract attenuated doxorubicin-induced cardiotoxicity in rats via suppression of oxidative stress and inflammation. Journal of Basic and Applied Zoology, 2021, 82, .	0.9	24
14	Network pharmacology and experimental investigation of <i>Rhizoma polygonati</i> extract targeted kinase with herbzyme activity for potent drug delivery. Drug Delivery, 2021, 28, 2187-2197.	5.7	49
15	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
16	Safranal Prevents Liver Cancer Through Inhibiting Oxidative Stress and Alleviating Inflammation. Frontiers in Pharmacology, 2021, 12, 777500.	3.5	30
17	Safranal Inhibits Angiogenesis via Targeting HIF-1α/VEGF Machinery: In Vitro and Ex Vivo Insights. Frontiers in Oncology, 2021, 11, 789172.	2.8	31
18	Hawthorn Herbal Preparation from Crataegus oxyacantha Attenuates In Vivo Carbon Tetrachloride -Induced Hepatic Fibrosis via Modulating Oxidative Stress and Inflammation. Antioxidants, 2020, 9, 1173.	5.1	65

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19	Dataset of potential Rhizoma Polygonati compound-druggable targets and partial pharmacokinetics for treatment of COVID-19. Data in Brief, 2020, 33, 106475.	1.0	6
20	Dandelion prevents liver fibrosis, inflammatory response, and oxidative stress in rats. Journal of Basic and Applied Zoology, 2020, 81, .	0.9	50
21	Aescin and diosmin each alone or in low dose- combination ameliorate liver damage induced by carbon tetrachloride in rats. BMC Research Notes, 2020, 13, 259.	1.4	72
22	Halotolerant Marine Rhizosphere-Competent Actinobacteria Promote Salicornia bigelovii Growth and Seed Production Using Seawater Irrigation. Frontiers in Microbiology, 2020, 11, 552.	3.5	43
23	Abstract 2964: Saffron has enhanced anti-proliferative effect against colorectal cancer cells with deficient DNA mismatch repair. , 2020, , .		0
24	Toxicity assessment of date pit activated carbon nanomaterials in hepatocytes. , 2019, , .		1
25	Characterization of human serum albumin's interactions with safranal and crocin using multi-spectroscopic and molecular docking techniques. Biochemistry and Biophysics Reports, 2019, 20, 100670.	1.3	15
26	Current status of nanomaterial-based treatment for hepatocellular carcinoma. Biomedicine and Pharmacotherapy, 2019, 116, 108852.	5.6	90
27	Saffron: The Golden Spice with Therapeutic Properties on Digestive Diseases. Nutrients, 2019, 11, 943.	4.1	96
28	Synthesis and characterization of chitosan-coated magnetite nanoparticles using a modified wet method for drug delivery applications. International Journal of Polymeric Materials and Polymeric Biomaterials, 2019, 68, 73-82.	3.4	30
29	Antioxidant and anticancer activities of chamomile (Matricaria recutita L.). BMC Research Notes, 2019, 12, 3.	1.4	83
30	Effect of Visfatin on Metabolic Profiles of an Animal Model of Type 2 Diabetes. FASEB Journal, 2019, 33, 767.35.	0.5	0
31	Molecular characterization of the grape seeds extract's effect against chemically induced liver cancer: In vivo and in vitro analyses. Scientific Reports, 2018, 8, 1270.	3.3	68
32	Safranal induces DNA double-strand breakage and ER-stress-mediated cell death in hepatocellular carcinoma cells. Scientific Reports, 2018, 8, 16951.	3.3	82
33	Bilirubin detoxification using different phytomaterials: characterization and in vitro studies. International Journal of Nanomedicine, 2018, Volume 13, 2997-3010.	6.7	17
34	Mechanistic insights into the augmented effect of bone marrow mesenchymal stem cells and thiazolidinediones in streptozotocin-nicotinamide induced diabetic rats. Scientific Reports, 2018, 8, 9827.	3.3	29
35	Psychiatric and functional neuroimaging abnormalities in chronic hepatitis C virus patients: Is vasculitis a contributing factor?. Arab Journal of Gastroenterology, 2018, 19, 71-75.	0.9	4
36	Inhibitory properties of camel whey protein hydrolysates toward liver cancer cells, dipeptidyl peptidase-IV, and inflammation. Journal of Dairy Science, 2018, 101, 8711-8720.	3.4	74

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37	Antioxidant and anticancer activities of Trigonella foenum-graecum, Cassia acutifolia and Rhazya stricta. BMC Complementary and Alternative Medicine, 2018, 18, 240.	3.7	77
38	<i>Salvadora persica</i> (Miswak): Antioxidant and Promising Antiangiogenic Insights. American Journal of Plant Sciences, 2018, 09, 1228-1244.	0.8	54
39	Development of a therapeutic model of precancerous liver using crocin-coated magnetite nanoparticles. International Journal of Oncology, 2017, 50, 212-222.	3.3	66
40	Intracellular spectral recompositioning of light enhances algal photosynthetic efficiency. Science Advances, 2017, 3, e1603096.	10.3	42
41	Epidermal Growth Factor Pathway Signaling in Drosophila Embryogenesis: Tools for Understanding Cancer. Cancers, 2017, 9, 16.	3.7	29
42	Review of "Sky Above Clouds: Finding Our way Through Creativity, Aging, and Illness― Current Aging Science, 2017, 10, 76-76.	1.2	0
43	Cancer and Biotechnology: A Matchup that Should Never Slowdown. , 2017, , 73-97.		2
44	Melissa officinalis Protects against Doxorubicin-Induced Cardiotoxicity in Rats and Potentiates Its Anticancer Activity on MCF-7 Cells. PLoS ONE, 2016, 11, e0167049.	2.5	62
45	Saffron-Based Crocin Prevents Early Lesions of Liver Cancer: In vivo, In vitro and Network Analyses. Recent Patents on Anti-Cancer Drug Discovery, 2016, 11, 121-133.	1.6	70
46	Abstract 5249: Crocin prevents early lesions of liver cancer:system biology approach. , 2016, , .		1
47	Physicochemical characterizations of safranal-Î ² -cyclodextrin inclusion complexes prepared by supercritical carbon dioxide and conventional methods. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 83, 215-226.	1.6	6
48	Broad targeting of angiogenesis for cancer prevention and therapy. Seminars in Cancer Biology, 2015, 35, S224-S243.	9.6	375
49	Pentavalent technetium-99m-dimercaptosuccinic acid [Tc-99m (V) DMSA] brain SPECT: does it have a place in predicting survival in patients with glioblastoma multiforme?. Journal of Neuro-Oncology, 2015, 121, 303-309.	2.9	6
50	Evasion of anti-growth signaling: A key step in tumorigenesis and potential target for treatment and prophylaxis by natural compounds. Seminars in Cancer Biology, 2015, 35, S55-S77.	9.6	95
51	Defective Autophagosome Formation in p53-Null Colorectal Cancer Reinforces Crocin-Induced Apoptosis. International Journal of Molecular Sciences, 2015, 16, 1544-1561.	4.1	66
52	Broad targeting of resistance to apoptosis in cancer. Seminars in Cancer Biology, 2015, 35, S78-S103.	9.6	535
53	Genomic instability in human cancer: Molecular insights and opportunities for therapeutic attack and prevention through diet and nutrition. Seminars in Cancer Biology, 2015, 35, S5-S24.	9.6	231
54	Sustained proliferation in cancer: Mechanisms and novel therapeutic targets. Seminars in Cancer Biology, 2015, 35, S25-S54.	9.6	468

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55	Therapeutic targeting of replicative immortality. Seminars in Cancer Biology, 2015, 35, S104-S128.	9.6	49
56	A multi-targeted approach to suppress tumor-promoting inflammation. Seminars in Cancer Biology, 2015, 35, S151-S184.	9.6	95
57	Cervical lymph node metastasis in differentiated thyroid carcinoma. Nuclear Medicine Communications, 2015, 36, 120-124.	1.1	7
58	Immune evasion in cancer: Mechanistic basis and therapeutic strategies. Seminars in Cancer Biology, 2015, 35, S185-S198.	9.6	1,122
59	Tissue invasion and metastasis: Molecular, biological and clinical perspectives. Seminars in Cancer Biology, 2015, 35, S244-S275.	9.6	408
60	Dysregulated metabolism contributes to oncogenesis. Seminars in Cancer Biology, 2015, 35, S129-S150.	9.6	225
61	Designing a broad-spectrum integrative approach for cancer prevention and treatment. Seminars in Cancer Biology, 2015, 35, S276-S304.	9.6	220
62	Detecting Protein Complexes in Protein Interaction Networks Modeled as Gene Expression Biclusters. PLoS ONE, 2015, 10, e0144163.	2.5	30
63	Insights into glycan biosynthesis in chemically-induced hepatocellular carcinoma in rats: A glycomic analysis. World Journal of Gastroenterology, 2015, 21, 6167.	3.3	13
64	Influence of low grade exercise on skeletal scintigraphy using Tc-99m methylene diphosphonate. Nuclear Medicine Review, 2015, 18, 61-64.	0.5	2
65	Differentiated Thyroid Carcinoma. Clinical Nuclear Medicine, 2014, 39, 142-146.	1.3	14
66	Hypofractionated conformal radiotherapy for pediatric diffuse intrinsic pontine glioma (DIPG): A randomized controlled trial. Radiotherapy and Oncology, 2014, 111, 35-40.	0.6	80
67	Low FDG Metabolic Activity of Loco-Regional Recurrence in Thyroid Cancer Patients; Is Iodine-131 has a Potentiality?. The Open Nuclear Medicine Journal, 2014, 6, 12-16.	0.2	0
68	Outcomes for Patients with Glioblastoma Multiforme Treated with Chemoradiation Alone or Chemoradiation Followed by Adjuvant Chemotherapy. Research in Oncology, 2014, 10, 63-70.	0.2	0
69	Prognostic value of immunohistochemical stratification of invasive duct carcinoma of the breast. Chinese-German Journal of Clinical Oncology, 2013, 12, 265-272.	0.1	2
70	Prevalence of preclinical renal dysfunction in obese Egyptian patients with primary knee osteoarthritis, preliminary data. Egyptian Rheumatologist, 2013, 35, 239-244.	1.0	4
71	Tc-99m diethylenetriamine pentaacetic acid (DTPA): Is it reliable for assessment of methotrexate-induced cumulative effect on renal filtration in rheumatoid arthritis patients?. Egyptian Rheumatologist, 2013, 35, 5-8.	1.0	2
72	Tc-99Âm diethylenetriamine-pentaacetic acid (DTPA): is it reliable for assessment of methotrexate-induced cumulative effect on renal filtration in rheumatoid arthritis patients?. Rheumatology International, 2013, 33, 3059-3063.	3.0	4

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73	Stunning phenomenon after a radioactive iodine-131 diagnostic whole-body scan. Nuclear Medicine Communications, 2013, 34, 771-776.	1.1	5
74	Patients with end-stage renal disease. Nuclear Medicine Communications, 2013, 34, 314-321.	1.1	3
75	Short Term Prognostic Utility of Tc-99m DMSA Renal Imaging in Sepsis Induced Acute Renal Failure; Provisional Data. International Journal of Clinical Medicine, 2013, 04, 543-547.	0.2	Ο
76	Plant-Based Anticancer Drug Development: Advancements and Hurdles. , 2013, 02, .		0
77	Abstract A21: Autophagy: A potential target for colorectal cancer therapeutics , 2013, , .		0
78	A Standardized Extract of <i>Ginkgo biloba</i> Neutralizes Cisplatin-Mediated Reproductive Toxicity in Rats. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-11.	3.0	41
79	Cancer Chemoprevention. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-2.	3.0	1
80	Introducing <i>Cichorium Pumilum</i> as a Potential Therapeutical Agent Against Drug-Induced Benign Breast Tumor in Rats. Electromagnetic Biology and Medicine, 2012, 31, 299-309.	1.4	30
81	The anticancer effect of saffron in two p53 isogenic colorectal cancer cell lines. BMC Complementary and Alternative Medicine, 2012, 12, 69.	3.7	55
82	Neural network assessment of herbal protection against chemotherapeutic-induced reproductive toxicity. Theoretical Biology and Medical Modelling, 2012, 9, 1.	2.1	22
83	Physiological 18F-FDG uptake by the spinal cord: is it a point of consideration for cancer patients?. Journal of Neuro-Oncology, 2012, 107, 609-615.	2.9	21
84	Tc-99m diethylenetriamine pentaacetic acid (DTPA) renal function reserve estimation: is it a reliable predictive tool for assessment of preclinical renal involvement in scleroderma patients?. Clinical Rheumatology, 2012, 31, 961-966.	2.2	8
85	Low temperature synthesis of monolithic mesoporous magnetite nanoparticles. Ceramics International, 2012, 38, 627-634.	4.8	23
86	Glioma residual or recurrence versus radiation necrosis: accuracy of pentavalent technetium-99m-dimercaptosuccinic acid [Tc-99m (V) DMSA] brain SPECT compared to proton magnetic resonance spectroscopy (1H-MRS): initial results. Journal of Neuro-Oncology, 2012, 106, 579-587.	2.9	42
87	Abstract 1621: Potent anti-cancer effect of crocin against hepatocellular carcinoma: A preclinical study. , 2012, , .		0
88	Silent central nervous system involvement in Egyptian Behçet's disease patients: clinical, psychiatric, and neuroimaging evaluation. Clinical Rheumatology, 2011, 30, 1173-1180.	2.2	17
89	Sicca complex among Egyptian patients with chronic hepatitis C virus infection. Clinical Rheumatology, 2011, 30, 1299-1304.	2.2	14
90	Saffron: A potential candidate for a novel anticancer drug against hepatocellular carcinoma. Hepatology, 2011, 54, 857-867.	7.3	159

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91	Flow injection determination of sialic acid based on amperometric detection. Sensors and Actuators B: Chemical, 2011, 157, 647-653.	7.8	19
92	Texture analysis of liver fibrosis microscopic images: a study on the effect of biomarkers. Acta Biochimica Et Biophysica Sinica, 2011, 43, 193-203.	2.0	57
93	Pancreas-protective effects of chlorella in STZ-induced diabetic animal model: insights into the mechanism. Journal of Diabetes Mellitus, 2011, 01, 36-45.	0.3	47
94	Abstract 3684: Saffron protects against liver cancer in animal model: Molecular and imaging insights. , 2011, , .		0
95	Effect of ivermectin on the integument and dorsoventral muscles of the tick Argas (Persicargas) persicus (Oken) (Ixodoidea: Argasidae). Parasitology Research, 2010, 107, 975-982.	1.6	8
96	The Anti-Cancer Charm of Flavonoids: A Cup-of-Tea Will Do You Good!. , 2010, , 552-587.		1
97	New Platinum and Ruthenium Complexes - the Latest Class of Potential Chemotherapeutic Drugs - a Review of Recent Developments in the Field. Mini-Reviews in Medicinal Chemistry, 2009, 9, 1489-1503.	2.4	42
98	Zizyphus spina-christi protects against carbon tetrachloride-induced liver fibrosis in rats. Food and Chemical Toxicology, 2009, 47, 2111-2119.	3.6	43
99	MRI-based texture analysis: a potential technique to assess protectors against induced-liver fibrosis in rats. Radiology and Oncology, 2009, 43, .	1.7	11
100	Overview of major classes of plant-derived anticancer drugs. International Journal of Biomedical Science, 2009, 5, 1-11.	0.1	61
101	The protective effect of a purified extract of Withania somnifera against doxorubicin-induced cardiac toxicity in rats. Cell Biology and Toxicology, 2008, 24, 63-73.	5.3	59
102	Herbal extracts counteract cisplatin-mediated cell death in rat testis. Asian Journal of Andrology, 2008, 10, 291-297.	1.6	60
103	Ketoconazole-induced testicular damage in rats reduced by Gentiana extract. Experimental and Toxicologic Pathology, 2008, 59, 377-384.	2.1	33
104	Chemopreventive Effect of Chlorella on the Antioxidant System in 7, 12-Dimethylbenz[a]Anthracene-Induced Oxidative Stress in Liver. International Journal of Pharmacology, 2008, 4, 169-176.	0.3	11
105	Protective Effect of Green Alage Against 7,12-Dimethylbenzanthracene (DMBA)-Induced Breast Cancer in Rats. International Journal of Cancer Research, 2008, 5, 12-24.	0.2	8
106	The Anti-Cancer Charm of Flavonoids: A Cup-of-Tea Will Do!. Recent Patents on Anti-Cancer Drug Discovery, 2007, 2, 109-117.	1.6	33
107	Apium graveolens modulates sodium valproate-induced reproductive toxicity in rats. Journal of Experimental Zoology, 2007, 307A, 199-206.	1.2	36
108	In Vitro Studies on the Effect of Phototoxicity of A New Photosensitizer Extracted from Flowers and Aerial Parts of Cichorium pumilum. American Journal of Pharmacology and Toxicology, 2007, 2, 39-45.	0.7	13

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109	The Effect of Vitamin C on the Metabolic Parameters of Experimental Diabetes Mellitus. American Journal of Pharmacology and Toxicology, 2007, 2, 4-9.	0.7	7
110	Sensitization of Photohemolysis by a New Extraction from Flowers and Aerial Parts of Cichorium Pumilum Jacq: Effects of Inulin and Hydrogen Peroxide. American Journal of Pharmacology and Toxicology, 2007, 2, 75-79.	0.7	9
111	Dose-Dependent Effect of Cobra Venom on Testes in Mice. Journal of Biological Sciences, 2007, 7, 294-299.	0.3	2
112	Effects of Roselle and Ginger on cisplatin-induced reproductive toxicity in rats. Asian Journal of Andrology, 2006, 8, 607-612.	1.6	113
113	The Protective Effect of Tribulus terrestris in Diabetes. Annals of the New York Academy of Sciences, 2006, 1084, 391-401.	3.8	68
114	Effect of Vitamin C on Liver and Kidney Functions in Normal and Diabetic Rats. Annals of the New York Academy of Sciences, 2006, 1084, 371-390.	3.8	38
115	Vitamin E Decreases the Hyperglucagonemia of Diabetic Rats. Annals of the New York Academy of Sciences, 2006, 1084, 432-441.	3.8	19
116	Vitamin E Ameliorates Some Biochemical Parameters in Normal and Diabetic Rats. Annals of the New York Academy of Sciences, 2006, 1084, 411-431.	3.8	41
117	Spirulina protects against cadmium-induced hepatotoxicity in rats. American Journal of Pharmacology and Toxicology, 2006, 1, 21-25.	0.7	36
118	Oxidative stress mediates drug-induced hepatotoxicity in rats: a possible role of DNA fragmentation. Toxicology, 2005, 208, 367-375.	4.2	108
119	Chemopreventive activities of (Fenugreek) against breast cancer. Cell Biology International, 2005, 29, 687-694.	3.0	125
120	Hepatoprotective effects of Hibiscus, Rosmarinus and Salvia on azathioprine-induced toxicity in rats. Life Sciences, 2005, 77, 266-278.	4.3	140
121	Fine structure of the integument of <i>Argas (Persicargas) persicus</i> (Oken) (Ixodoidea:) Tj ETQq1 1	0,784314 0.6	l rgBT /Over
122	Genetic Cross-Talk During Head Development in Drosophila. Journal of Biomedicine and Biotechnology, 2004, 2004, 16-23.	3.0	7
123	Beneficial effect of vitamin E on the metabolic parameters of diabetic rats. Molecular and Cellular Biochemistry, 2004, 261, 35-42.	3.1	41
124	EGFR and wingless signaling pathways interact to specify the ocellar pattern in Drosophila. Acta Histochemica, 2003, 105, 285-293.	1.8	4
125	Epidermal Growth Factor Receptor Signaling ActivatesorthodenticleExpression duringDrosophilaHead Development. DNA and Cell Biology, 2000, 19, 631-638.	1.9	7
126	Identification of a Drosophila Prolyl Endopeptidase and Analysis of Its Expression. DNA and Cell Biology, 1999, 18, 605-610.	1.9	8

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127	A Method for the Synchronous Induction of Large Numbers of Telotrochs in Vorticella convallaria by Monocalcium Phosphate at Low pH. Journal of Eukaryotic Microbiology, 1999, 46, 12-16.	1.7	11
128	Hedgehog activates the EGF receptor pathway during <i>Drosophila</i> head development. Development (Cambridge), 1999, 126, 2623-2630.	2.5	51
129	Assessment of Glucocorticoids $\hat{a} \in$ 'Induced Preclinical Atherosclerosis. , 0, , .		0