Xi Zheng

List of Publications by Year in descending order

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108	3,221	28	51
papers	citations	h-index	g-index
108	108	108	5105
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Curcumin, Inflammation, and Chronic Diseases: How Are They Linked?. Molecules, 2015, 20, 9183-9213.	1.7	391
2	Combined Inhibitory Effects of Curcumin and Phenethyl Isothiocyanate on the Growth of Human PC-3 Prostate Xenografts in Immunodeficient Mice. Cancer Research, 2006, 66, 613-621.	0.4	198
3	Use of curcumin in diagnosis, prevention, and treatment of Alzheimer's disease. Neural Regeneration Research, 2018, 13, 742.	1.6	158
4	Effects of green-synthesized silver nanoparticles on lung cancer cells in vitro and grown as xenograft tumors in vivo. International Journal of Nanomedicine, 2016, 11, 1879.	3.3	131
5	Green synthesis of silver nanoparticles by Chrysanthemum morifolium Ramat. extract and their application in clinical ultrasound gel. International Journal of Nanomedicine, 2013, 8, 1809.	3.3	126
6	Biosynthesis, Antibacterial Activity and Anticancer Effects Against Prostate Cancer (PC-3) Cells of Silver Nanoparticles Using Dimocarpus Longan Lour. Peel Extract. Nanoscale Research Letters, 2016, 11, 300.	3.1	102
7	Metformin combined with aspirin significantly inhibit pancreatic cancer cell growth $\langle i \rangle$ in vitro $\langle i \rangle$ and $\langle i \rangle$ in vivo $\langle i \rangle$ by suppressing anti-apoptotic proteins Mcl-1 and Bcl-2. Oncotarget, 2015, 6, 21208-21224.	0.8	87
8	Synthesis and evaluation of curcumin-related compounds for anticancer activity. European Journal of Medicinal Chemistry, 2012, 53, 235-245.	2.6	84
9	Atorvastatin and Celecoxib Inhibit Prostate PC-3 Tumors in Immunodeficient Mice. Clinical Cancer Research, 2007, 13, 5480-5487.	3.2	70
10	Synthesis and biological evaluation of coumarin derivatives as $\hat{l}\pm$ -glucosidase inhibitors. European Journal of Medicinal Chemistry, 2020, 189, 112013.	2.6	69
11	Atorvastatin and Celecoxib in Combination Inhibits the Progression of Androgen-Dependent LNCaP Xenograft Prostate Tumors to Androgen Independence. Cancer Prevention Research, 2010, 3, 114-124.	0.7	68
12	Natural Products as Adjunctive Treatment for Pancreatic Cancer: Recent Trends and Advancements. BioMed Research International, 2017, 2017, 1-13.	0.9	62
13	Identification and Quantification of Potential Anti-inflammatory Hydroxycinnamic Acid Amides from Wolfberry. Journal of Agricultural and Food Chemistry, 2017, 65, 364-372.	2.4	59
14	Gene expression of TPA induced differentiation in HL-60 cells by DNA microarray analysis. Nucleic Acids Research, 2002, 30, 4489-4499.	6.5	49
15	Epigenetics Reactivation of Nrf2 in Prostate TRAMP C1 Cells by Curcumin Analogue FN1. Chemical Research in Toxicology, 2016, 29, 694-703.	1.7	43
16	An Atomic Force Microscope Study Revealed Two Mechanisms in the Effect of Anticancer Drugs on Rate-Dependent Young's Modulus of Human Prostate Cancer Cells. PLoS ONE, 2015, 10, e0126107.	1.1	42
17	Inhibitory Effect of 12-O-Tetradecanoylphorbol-13-acetate Alone or in Combination with All-trans-Retinoic Acid on the Growth of LNCaP Prostate Tumors in Immunodeficient Mice. Cancer Research, 2004, 64, 1811-1820.	0.4	40
18	Contrastive analysis of chemical composition of essential oil from twelve Curcuma species distributed in China. Industrial Crops and Products, 2017, 108, 17-25.	2.5	40

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19	A naturally occurring mixture of tocotrienols inhibits the growth of human prostate tumor, associated with epigenetic modifications of cyclin-dependent kinase inhibitors p21 and p27. Journal of Nutritional Biochemistry, 2017, 40, 155-163.	1.9	40
20	Combination of \hat{I}_{\pm} -Tomatine and Curcumin Inhibits Growth and Induces Apoptosis in Human Prostate Cancer Cells. PLoS ONE, 2015, 10, e0144293.	1.1	40
21	Molecular Interactions for the Curcumin-Polymer Complex with Enhanced Anti-Inflammatory Effects. Pharmaceutics, 2019, 11, 442.	2.0	39
22	Curcumin analogues with high activity for inhibiting human prostate cancer cell growth and androgen receptor activation. Molecular Medicine Reports, 2014, 10, 1315-1322.	1.1	36
23	Synthesis, anti-microbial and anti-inflammatory activities of $18\hat{l}^2$ -glycyrrhetinic acid derivatives. Bioorganic Chemistry, 2020, 101, 103985.	2.0	36
24	Synthesis and biological evaluation of curcumin derivatives containing NSAIDs for their anti-inflammatory activity. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3044-3051.	1.0	35
25	High molecular weight hyaluronic acid regulates P. gingivalis–induced inflammation and migration in human gingival fibroblasts via MAPK and NF-κB signaling pathway. Archives of Oral Biology, 2019, 98, 75-80.	0.8	35
26	The Chemical Compositions of <i>Angelica pubescens</i> Oil and Its Prevention of <scp>UV</scp> â€B Radiationâ€Induced Cutaneous Photoaging. Chemistry and Biodiversity, 2018, 15, e1800235.	1.0	32
27	Synergistic anti-inflammatory effects of silibinin and thymol combination on LPS-induced RAW264.7 cells by inhibition of NF-ÎB and MAPK activation. Phytomedicine, 2020, 78, 153309.	2.3	32
28	A triple combination of atorvastatin, celecoxib and tipifarnib strongly inhibits pancreatic cancer cells and xenograft pancreatic tumors. International Journal of Oncology, 2014, 44, 2139-2145.	1.4	30
29	Inhibitory effect of voluntary running wheel exercise on the growth of human pancreatic Panc-1 and prostate PC-3 xenograft tumors in immunodeficient mice. Oncology Reports, 2008, 19, 1583-8.	1.2	30
30	Anti-inflammatory activity effect of 2-substituted-1,4,5,6-tetrahydrocyclopenta[b]pyrrole on TPA-induced skin inflammation in mice. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5334-5339.	1.0	29
31	Effects of cyclohexanone analogues of curcumin on growth, apoptosis and NF-κB activity in PC-3 human prostate cancer cells. Oncology Letters, 2012, 4, 279-284.	0.8	28
32	Use of UHPLC-TripleQ with synthetic standards to profile anti-inflammatory hydroxycinnamic acid amides in root barks and leaves of Lycium barbarum. Journal of Food and Drug Analysis, 2018, 26, 572-582.	0.9	28
33	A new antibacterial chromone derivative from mangrove-derived fungus Penicillium aculeatum (No.) Tj ETQq1	1 0.78431 1.031	4 rgBT /Overlo
34	Mechanistic Study of Inhibitory Effects of Metformin and Atorvastatin in Combination on Prostate Cancer Cells & lt;i>in Vitro and & lt;i>in Vivo. Biological and Pharmaceutical Bulletin, 2017, 40, 1247-1254.	0.6	27
35	Effects of 12-O-Tetradecanoylphorbol-13-acetate (TPA) in Combination with Paclitaxel (Taxol) on Prostate Cancer LNCaP Cells Cultured In vitro or Grown as Xenograft Tumors in Immunodeficient Mice. Clinical Cancer Research, 2006, 12, 3444-3451.	3.2	26
36	Potent Inhibitory Effect of $\hat{\Gamma}$ -Tocopherol on Prostate Cancer Cells Cultured in Vitro and Grown As Xenograft Tumors in Vivo. Journal of Agricultural and Food Chemistry, 2014, 62, 10752-10758.	2.4	26

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37	Three-dimensional prostate tumor model based on a hyaluronic acid-alginate hydrogel for evaluation of anti-cancer drug efficacy. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 1603-1616.	1.9	25
38	Inhibitory effect of dietary atorvastatin and celecoxib together with voluntary running wheel exercise on the progression of androgen-dependent LNCaP prostate tumors to androgen independence. Experimental and Therapeutic Medicine, 2011, 2, 221-228.	0.8	24
39	Glycyrrhizic acid from licorice down-regulates inflammatory responses <i>via</i> blocking MAPK and PI3K/Akt-dependent NF-κB signalling pathways in TPA-induced skin inflammation. MedChemComm, 2018, 9, 1502-1510.	3. 5	24
40	Design, synthesis and α-glucosidase inhibition study of novel embelin derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 565-573.	2.5	24
41	Synthesis and biological evaluation of pentacyclic triterpenoid derivatives as potential novel antibacterial agents. Bioorganic Chemistry, 2021, 109, 104692.	2.0	24
42	Eriocitrin in combination with resveratrol ameliorates LPS-induced inflammation in RAW264.7 cells and relieves TPA-induced mouse ear edema. Journal of Functional Foods, 2019, 56, 321-332.	1.6	23
43	Inhibitory Effect of a \hat{I}^3 -Tocopherol-Rich Mixture of Tocopherols on the Formation and Growth of LNCaP Prostate Tumors in Immunodeficient Mice. Cancers, 2011, 3, 3762-3772.	1.7	22
44	Radiosynthesis and biological evaluation of 18F-labeled 4-anilinoquinazoline derivative (18F-FEA-Erlotinib) as a potential EGFR PET agent. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1143-1148.	1.0	22
45	Synthesis and Evaluation of Curcumin-Related Compounds Containing Benzyl Piperidone for Their Effects on Human Cancer Cells. Chemical and Pharmaceutical Bulletin, 2013, 61, 1149-1155.	0.6	21
46	Variation in Essential Oil and Bioactive Compounds of <i>Curcuma kwangsiensis</i> Collected from Natural Habitats. Chemistry and Biodiversity, 2017, 14, e1700020.	1.0	21
47	Atorvastatin and Caffeine in Combination Regulates Apoptosis, Migration, Invasion and Tumorspheres of Prostate Cancer Cells. Pathology and Oncology Research, 2020, 26, 209-216.	0.9	21
48	Inhibition of Progression of Androgen-Dependent Prostate LNCaP Tumors to Androgen Independence in SCID Mice by Oral Caffeine and Voluntary Exercise. Nutrition and Cancer, 2012, 64, 1029-1037.	0.9	20
49	Suppressive effect of glycyrrhizic acid against lipopolysaccharide-induced neuroinflammation and cognitive impairment in C57 mice via toll-like receptor 4 signaling pathway. Food and Nutrition Research, 2019, 63, .	1.2	20
50	Terpenoid composition and the anticancer activity of Acanthopanax trifoliatus. Archives of Pharmacal Research, 2016, 39, 51-58.	2.7	19
51	Variation on Composition and Bioactivity of Essential Oils of Four Common <i>Curcuma</i> Herbs. Chemistry and Biodiversity, 2017, 14, e1700280.	1.0	19
52	The Effects and Mechanism of YK-4-279 in Combination with Docetaxel on Prostate Cancer. International Journal of Medical Sciences, 2017, 14, 356-366.	1.1	19
53	Downregulating NF- \hat{l}° B signaling pathway with triterpenoids for attenuating inflammation: <i>iii vitro</i> and <i>iin vivo</i> studies. Food and Function, 2019, 10, 5080-5090.	2.1	19
54	Proteasome Inhibition Contributed to the Cytotoxicity of Arenobufagin after Its Binding with Na, K-ATPase in Human Cervical Carcinoma HeLa Cells. PLoS ONE, 2016, 11, e0159034.	1.1	19

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55	Triterpenoid ursolic acid drives metabolic rewiring and epigenetic reprogramming in treatment/prevention of human prostate cancer. Molecular Carcinogenesis, 2022, 61, 111-121.	1.3	19
56	Synthesis and bioactivities evaluation of oleanolic acid oxime ester derivatives as $\langle i \rangle \hat{l} \pm \langle i \rangle$ -glucosidase and $\langle i \rangle \hat{l} \pm \langle i \rangle$ -amylase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 451-461.	2.5	19
57	Oleanolic acid indole derivatives as novel \hat{l} ±-glucosidase inhibitors: Synthesis, biological evaluation, and mechanistic analysis. Bioorganic Chemistry, 2021, 107, 104580.	2.0	18
58	Potent inhibitory effect of terpenoids from Acanthopanax trifoliatus on growth of PC-3 prostate cancer cells in vitro and in vivo is associated with suppression of NF-κB and STAT3 signalling. Journal of Functional Foods, 2015, 15, 274-283.	1.6	17
59	Gastroprotective effects of extract of Jasminum grandiflorum L. flower in HCl/EtOH-induced gastric mucosal ulceration mice. Biomedicine and Pharmacotherapy, 2021, 144, 112268.	2.5	17
60	Inhibition of IL-6 expression in LNCaP prostate cancer cells by a combination of atorvastatin and celecoxib. Oncology Reports, 2014, 31, 835-841.	1.2	16
61	Distribution and diversity of twelve <i>Curcuma</i> species in China. Natural Product Research, 2018, 32, 327-330.	1.0	15
62	Anticancer Activity of Acanthopanax trifoliatus (L) Merr Extracts is Associated with Inhibition of NF-κB Activity and Decreased Erk1/2 and Akt Phosphorylation. Asian Pacific Journal of Cancer Prevention, 2014, 15, 9341-9346.	0.5	15
63	Inhibitory Effects of 12-O-Tetradecanoylphorbol-13-acetate Alone or in Combination with All-transRetinoic Acid on the Growth of Cultured Human Pancreas Cancer Cells and Pancreas Tumor Xenografts in Immunodeficient Mice. Journal of Pharmacology and Experimental Therapeutics, 2005, 315. 170-187.	1.3	14
64	Antioxidant and anti-inflammatory properties of Chinese ilicifolius vegetable (Acanthopanax) Tj ETQq0 0 0 rgBT	/Overlock 1.2	10 Tf 50 382
65	Brefeldin A enhances docetaxel-induced growth inhibition and apoptosis in prostate cancer cells in monolayer and 3D cultures. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2286-2291.	1.0	14
66	Phenethyl isothiocyanate in combination with dibenzoylmethane inhibits the androgen-independent growth of prostate cancer cells. Food and Function, 2018, 9, 2398-2408.	2.1	13
67	Nobiletin, a citrus polymethoxyflavone, enhances the effects of bicalutamide on prostate cancer cells <i>via</i> down regulation of NF-κB, STAT3, and ERK activation. RSC Advances, 2020, 10, 10254-10262.	1.7	13
68	A novel $18\hat{l}^2$ -glycyrrhetinic acid derivative supramolecular self-assembly hydrogel with antibacterial activity. Journal of Materials Science, 2021, 56, 17254-17267.	1.7	12
69	Mechanistic Study of Inhibitory Effects of Atorvastatin and Docetaxel in Combination on Prostate Cancer. Cancer Genomics and Proteomics, 2016, 13, 151-60.	1.0	12
70	A sensitive bioassay for measuring blood levels of 12-O-tetradecanoylphorbol-13-acetate (TPA) in patients: preliminary pharmacokinetic studies. Oncology Research, 2002, 13, 169-74.	0.6	12
71	Effects of atorvastatin in combination with celecoxib and tipifarnib on proliferation and apoptosis in pancreatic cancer sphere-forming cells. European Journal of Pharmacology, 2021, 893, 173840.	1.7	11
72	Design, Synthesis, and Activity Study of Cinnamic Acid Derivatives as Potent Antineuroinflammatory Agents. ACS Chemical Neuroscience, 2021, 12, 419-429.	1.7	11

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73	Inhibition of NF-kappaB by (E)3-[(4-methylphenyl)-sulfonyl]-2-propenenitrile (BAY11-7082; BAY) is associated with enhanced 12-O-tetradecanoylphorbol-13-acetate-induced growth suppression and apoptosis in human prostate cancer PC-3 cells. International Journal of Oncology, 2008, 32, 257-64.	1.4	11
74	Protective effect of Amomum Roxb. essential oils in lipopolysaccharide-induced acute lung injury mice and its metabolomics. Journal of Ethnopharmacology, 2022, 290, 115119.	2.0	11
75	Gold- and Silver-Catalyzed Glycosylation with Pyranone Glycosyl Donors: An Efficient and Diastereoselective Synthesis of α-Anomers. Synlett, 2015, 26, 1683-1686.	1.0	10
76	Study of Cholesterol Repletion Effect on Nanomechanical Properties of Human Umbilical Vein Endothelial Cell Via Rapid Broadband Atomic Force Microscopy. Journal of Biomechanical Engineering, 2017, 139, .	0.6	10
77	Combination of Lipitor and Celebrex inhibits prostate cancer VCaP cells in vitro and in vivo. Anticancer Research, 2014, 34, 3357-63.	0.5	10
78	Synergistic effect of tolfenamic acid and glycyrrhizic acid on TPA-induced skin inflammation in mice. MedChemComm, 2019, 10, 1819-1827.	3.5	9
79	Synergistic effects and mechanisms of impressic acid or acankoreanogein in combination with docetaxel on prostate cancer. RSC Advances, 2018, 8, 2768-2776.	1.7	8
80	Chemical Composition, Antimicrobial and Insecticidal Activities of Essential Oils of Discarded Perfume Lemon and Leaves (Citrus Limon (L.) Burm. F.) as Possible Sources of Functional Botanical Agents. Frontiers in Chemistry, 2021, 9, 679116.	1.8	8
81	Synergistic inhibitory effects of naproxen in combination with magnolol on TPA-induced skin inflammation in mice. RSC Advances, 2016, 6, 38092-38099.	1.7	7
82	Purification and characterization of a novel cell-penetrating carrier similar to cholera toxin chimeric protein. Protein Expression and Purification, 2017, 129, 128-134.	0.6	7
83	Alteration of gut microbiota in highâ€fat dietâ€induced obese mice using carnosic acid from rosemary. Food Science and Nutrition, 2022, 10, 2325-2332.	1.5	7
84	Biological Evaluation and 3D-QSAR Studies of Curcumin Analogues as Aldehyde Dehydrogenase 1 Inhibitors. International Journal of Molecular Sciences, 2014, 15, 8795-8807.	1.8	6
85	Combination of 12-O-tetradecanoylphorbol-13-acetate with diethyldithiocarbamate markedly inhibits pancreatic cancer cell growth in 3D culture and in immunodeficient mice. International Journal of Molecular Medicine, 2015, 35, 1617-1624.	1.8	6
86	Inspired by magnolol: design of NSAID-based compounds with excellent anti-inflammatory effects. MedChemComm, 2015, 6, 2129-2139.	3.5	6
87	Antibacterial, antiâ€inflammatory, analgesic, and hemostatic activities of <i>Acanthopanax trifoliatus</i> (L.) merr. Food Science and Nutrition, 2021, 9, 2191-2202.	1.5	6
88	Effects of 12-O-tetradecanoylphorbol-13-acetate in combination with gemcitabine on Panc-1 pancreatic cancer cells cultured in vitro or Panc-1 tumors grown in immunodeficient mice. International Journal of Oncology, 2012, 41, 2269-2275.	1.4	5
89	Data on chemical composition of alkaloids of Plumula nelumbinis and antioxidant activity from thirteen habitats in China. Data in Brief, 2018, 21, 1591-1597.	0.5	5
90	Two new pyrone derivatives from the mangrove-derived endophytic fungus <i>Aspergillus</i> sydowii #2B. Natural Product Research, 2022, 36, 3872-3878.	1.0	5

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91	Super-rapid formation of a novel super-supramolecular hydrogel with excellent antimicrobial activity. Composites Communications, 2021, 28, 100955.	3.3	5
92	Essential Oils from Zingiber striolatum Diels Attenuate Inflammatory Response and Oxidative Stress through Regulation of MAPK and NF-ÎB Signaling Pathways. Antioxidants, 2021, 10, 2019.	2.2	5
93	Inhibitory effect of roburic acid in combination with docetaxel on human prostate cancer cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 542-553.	2.5	5
94	Antioxidative Activities of Essential Oils and Ethanol Extrations from OrnamentalZingiberaceaeSpecies. Journal of Essential Oil-bearing Plants: JEOP, 2017, 20, 215-222.	0.7	4
95	Combination of diethyldithiocarbamate with 12-O-tetradecanoyl phorbol-13-acetate inhibits the growth of human myeloid leukemia HL-60 cells <i>in vitro</i> and in xenograft model. Bioscience, Biotechnology and Biochemistry, 2020, 84, 2069-2076.	0.6	4
96	Chemoprevention effects of a sulindac-based compound on TPA-induced skin inflammation in mice. MedChemComm, 2015, 6, 1605-1611.	3.5	3
97	High-speed broadband monitoring of cell viscoelasticity in real time shows myosin-dependent oscillations. Biomechanics and Modeling in Mechanobiology, 2017, 16, 1857-1868.	1.4	3
98	Synergistic Anticancer Effect of Gemcitabine Combined With Impressic Acid or Acankoreanogein in Panc-1 Cells by Inhibiting NF-κB and Stat 3 Activation. Natural Product Communications, 2020, 15, 1934578X2097423.	0.2	2
99	(3E,5E)-3,5-Bis(pyridin-3-methylene)-tetrahydrothiopyran-4-one enhances the inhibitory effect of gemcitabine on pancreatic cancer cells. Bioorganic Chemistry, 2020, 101, 104022.	2.0	2
100	Jasmine (Jasminum grandiflorum) Flower Extracts Ameliorate Tetradecanoylphorbol Acetate Induced Ear Edema in Mice. Natural Product Communications, 2020, 15, 1934578X2091749.	0.2	2
101	Synthesis and structure–activity relationships of 5-phenyloxazole-2-carboxylic acid derivatives as novel inhibitors of tubulin polymerization. Bioorganic and Medicinal Chemistry Letters, 2021, 40, 127968.	1.0	2
102	Celecoxib combined with salirasib strongly inhibits pancreatic cancer cells in 2D and 3D cultures. International Journal of Medical Sciences, 2020, 17, 1795-1802.	1.1	1
103	Î'-Tocopherol Enhances Docetaxel-Induced Growth Inhibition and Apoptosis in Ovarian Cancer SKOV3 Cells. Natural Product Communications, 2021, 16, 1934578X2110022.	0.2	1
104	Synergistic stimulatory effect of 12-O-tetradecanoylphorbol-13-acetate and capsaicin on macrophage differentiation in HL-60 and HL-525 human myeloid leukemia cells. International Journal of Oncology, 2005, 26, 441-8.	1.4	1
105	The Mangrove-Derived Diterpenoid Diaporthe B Inhibits the Stemness and Increases the Efficacy of Docetaxel in Prostate Cancer PC-3 Cells. Natural Product Communications, 2021, 16, 1934578X2110496.	0.2	1
106	Nobiletin Inhibits Cell Growth, Migration and Invasion, and Enhances the Anti-Cancer Effect of Gemcitabine on Pancreatic Cancer Cells. Natural Product Communications, 2021, 16, 1934578X2110040.	0.2	0
107	Peperine Enhancement on Neuroinflammatory Effects of Curcumin and its Mediation via Modulating Toll like Receptor-4 Pathway. Current Research in Neuroscience, 2017, 8, 1-9.	0.0	0
108	Synergistic inhibitory effect of \hat{l}_{\pm} -humulene and sclareol on human pancreatic cancer cells. Journal of Functional Foods, 2022, 89, 104958.	1.6	0