

Xi Zheng

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

105
papers

2,232
citations

24
h-index

43
g-index

108
ext. papers

2,729
ext. citations

4.3
avg, IF

4.74
L-index

#	Paper	IF	Citations
105	Inhibitory effect of roburic acid in combination with docetaxel on human prostate cancer cells.. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022 , 37, 542-553	5.6	1
104	Synthesis and bioactivities evaluation of oleanolic acid oxime ester derivatives as -glucosidase and -amylase inhibitors.. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022 , 37, 451-461	5.6	2
103	Synergistic inhibitory effect of Ehumulene and sclareol on human pancreatic cancer cells. <i>Journal of Functional Foods</i> , 2022 , 89, 104958	5.1	
102	Triterpenoid ursolic acid drives metabolic rewiring and epigenetic reprogramming in treatment/prevention of human prostate cancer. <i>Molecular Carcinogenesis</i> , 2022 , 61, 111-121	5	5
101	Protective effect of Amomum Roxb. essential oils in lipopolysaccharide-induced acute lung injury mice and its metabolomics.. <i>Journal of Ethnopharmacology</i> , 2022 , 115119	5	0
100	Gastroprotective effects of extract of Jasminum grandiflorum L. flower in HCl/EtOH-induced gastric mucosal ulceration mice. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 144, 112268	7.5	1
99	Super-rapid formation of a novel super-supramolecular hydrogel with excellent antimicrobial activity. <i>Composites Communications</i> , 2021 , 28, 100955	6.7	0
98	ETocopherol Enhances Docetaxel-Induced Growth Inhibition and Apoptosis in Ovarian Cancer SKOV3 Cells. <i>Natural Product Communications</i> , 2021 , 16, 1934578X2110022	0.9	0
97	Synthesis and biological evaluation of pentacyclic triterpenoid derivatives as potential novel antibacterial agents. <i>Bioorganic Chemistry</i> , 2021 , 109, 104692	5.1	13
96	Nobiletin Inhibits Cell Growth, Migration and Invasion, and Enhances the Anti-Cancer Effect of Gemcitabine on Pancreatic Cancer Cells. <i>Natural Product Communications</i> , 2021 , 16, 1934578X2110040	0.9	
95	Chemical Composition, Antimicrobial and Insecticidal Activities of Essential Oils of Discarded Perfume Lemon and Leaves ((L.) Burm. F.) as Possible Sources of Functional Botanical Agents. <i>Frontiers in Chemistry</i> , 2021 , 9, 679116	5	1
94	Synthesis and structure-activity relationships of 5-phenyloxazole-2-carboxylic acid derivatives as novel inhibitors of tubulin polymerization. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 40, 127968	2.9	1
93	Oleanolic acid indole derivatives as novel Eglucosidase inhibitors: Synthesis, biological evaluation, and mechanistic analysis. <i>Bioorganic Chemistry</i> , 2021 , 107, 104580	5.1	6
92	Antibacterial, anti-inflammatory, analgesic, and hemostatic activities of (L.) merr. <i>Food Science and Nutrition</i> , 2021 , 9, 2191-2202	3.2	0
91	Effects of atorvastatin in combination with celecoxib and tipifarnib on proliferation and apoptosis in pancreatic cancer sphere-forming cells. <i>European Journal of Pharmacology</i> , 2021 , 893, 173840	5.3	5
90	Two new pyrone derivatives from the mangrove-derived endophytic fungus sydowii #2B. <i>Natural Product Research</i> , 2021 , 1-7	2.3	0
89	A novel 18Eglycyrrhetic acid derivative supramolecular self-assembly hydrogel with antibacterial activity. <i>Journal of Materials Science</i> , 2021 , 56, 17254-17267	4.3	2

88	Design, Synthesis, and Activity Study of Cinnamic Acid Derivatives as Potent Antineuroinflammatory Agents. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 419-429	5.7	2
87	The Mangrove-Derived Diterpenoid Diaporthe B Inhibits the Stemness and Increases the Efficacy of Docetaxel in Prostate Cancer PC-3 Cells. <i>Natural Product Communications</i> , 2021 , 16, 1934578X2110496	0.9	
86	Synthesis, anti-microbial and anti-inflammatory activities of 18 glycyrrhetic acid derivatives. <i>Bioorganic Chemistry</i> , 2020 , 101, 103985	5.1	10
85	Nobiletin, a citrus polymethoxyflavone, enhances the effects of bicalutamide on prostate cancer cells down regulation of NF- κ B, STAT3, and ERK activation.. <i>RSC Advances</i> , 2020 , 10, 10254-10262	3.7	6
84	(3E,5E)-3,5-Bis(pyridin-3-methylene)-tetrahydrothiopyran-4-one enhances the inhibitory effect of gemcitabine on pancreatic cancer cells. <i>Bioorganic Chemistry</i> , 2020 , 101, 104022	5.1	2
83	Design, synthesis and α -glucosidase inhibition study of novel embelin derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020 , 35, 565-573	5.6	10
82	Synergistic anti-inflammatory effects of silibinin and thymol combination on LPS-induced RAW264.7 cells by inhibition of NF- κ B and MAPK activation. <i>Phytomedicine</i> , 2020 , 78, 153309	6.5	10
81	Synthesis and biological evaluation of coumarin derivatives as α -glucosidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020 , 189, 112013	6.8	28
80	Combination of diethyldithiocarbamate with 12-O-tetradecanoyl phorbol-13-acetate inhibits the growth of human myeloid leukemia HL-60 cells and in xenograft model. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020 , 84, 2069-2076	2.1	1
79	Celecoxib combined with salirasib strongly inhibits pancreatic cancer cells in 2D and 3D cultures. <i>International Journal of Medical Sciences</i> , 2020 , 17, 1795-1802	3.7	1
78	Synergistic Anticancer Effect of Gemcitabine Combined With Impressic Acid or Acankoreanogein in Panc-1 Cells by Inhibiting NF- κ B and Stat 3 Activation. <i>Natural Product Communications</i> , 2020 , 15, 1934578X2097423	0.9	2
77	Atorvastatin and Caffeine in Combination Regulates Apoptosis, Migration, Invasion and Tumorspheres of Prostate Cancer Cells. <i>Pathology and Oncology Research</i> , 2020 , 26, 209-216	2.6	10
76	Jasmine (<i>Jasminum grandiflorum</i>) Flower Extracts Ameliorate Tetradecanoylphorbol Acetate Induced Ear Edema in Mice. <i>Natural Product Communications</i> , 2020 , 15, 1934578X2091749	0.9	1
75	Molecular Interactions for the Curcumin-Polymer Complex with Enhanced Anti-Inflammatory Effects. <i>Pharmaceutics</i> , 2019 , 11,	6.4	21
74	Suppressive effect of glycyrrhizic acid against lipopolysaccharide-induced neuroinflammation and cognitive impairment in C57 mice via toll-like receptor 4 signaling pathway. <i>Food and Nutrition Research</i> , 2019 , 63,	3.1	15
73	Eriocitrin in combination with resveratrol ameliorates LPS-induced inflammation in RAW264.7 cells and relieves TPA-induced mouse ear edema. <i>Journal of Functional Foods</i> , 2019 , 56, 321-332	5.1	12
72	Downregulating NF- κ B signaling pathway with triterpenoids for attenuating inflammation: in vitro and in vivo studies. <i>Food and Function</i> , 2019 , 10, 5080-5090	6.1	12
71	Synergistic effect of tolfenamic acid and glycyrrhizic acid on TPA-induced skin inflammation in mice. <i>MedChemComm</i> , 2019 , 10, 1819-1827	5	2

70	High molecular weight hyaluronic acid regulates P. gingivalis-induced inflammation and migration in human gingival fibroblasts via MAPK and NF- κ B signaling pathway. <i>Archives of Oral Biology</i> , 2019 , 98, 75-80	2.8	23
69	Phenethyl isothiocyanate in combination with dibenzoylmethane inhibits the androgen-independent growth of prostate cancer cells. <i>Food and Function</i> , 2018 , 9, 2398-2408	6.1	9
68	Synergistic effects and mechanisms of impressic acid or acankoreanogein in combination with docetaxel on prostate cancer.. <i>RSC Advances</i> , 2018 , 8, 2768-2776	3.7	7
67	Distribution and diversity of twelve Curcuma species in China. <i>Natural Product Research</i> , 2018 , 32, 327-330	3.3	9
66	Use of UHPLC-TripleQ with synthetic standards to profile anti-inflammatory hydroxycinnamic acid amides in root barks and leaves of Lycium barbarum. <i>Journal of Food and Drug Analysis</i> , 2018 , 26, 572-582	5.7	21
65	Radiosynthesis and biological evaluation of F-labeled 4-anilinoquinazoline derivative (F-FEA-Erlotinib) as a potential EGFR PET agent. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 1143-1148	2.9	14
64	The Chemical Compositions of Angelica pubescens Oil and Its Prevention of UV-B Radiation-Induced Cutaneous Photoaging. <i>Chemistry and Biodiversity</i> , 2018 , 15, e1800235	2.5	11
63	Glycyrrhizic acid from licorice down-regulates inflammatory responses blocking MAPK and PI3K/Akt-dependent NF- κ B signalling pathways in TPA-induced skin inflammation. <i>MedChemComm</i> , 2018 , 9, 1502-1510	5	14
62	Use of curcumin in diagnosis, prevention, and treatment of Alzheimer's disease. <i>Neural Regeneration Research</i> , 2018 , 13, 742-752	4.5	94
61	Data on chemical composition of alkaloids of and antioxidant activity from thirteen habitats in China. <i>Data in Brief</i> , 2018 , 21, 1591-1597	1.2	3
60	Purification and characterization of a novel cell-penetrating carrier similar to cholera toxin chimeric protein. <i>Protein Expression and Purification</i> , 2017 , 129, 128-134	2	5
59	Study of Cholesterol Repletion Effect on Nanomechanical Properties of Human Umbilical Vein Endothelial Cell Via Rapid Broadband Atomic Force Microscopy. <i>Journal of Biomechanical Engineering</i> , 2017 , 139,	2.1	6
58	A new antibacterial chromone derivative from mangrove-derived fungus Penicillium aculeatum (No. 9EB). <i>Natural Product Research</i> , 2017 , 31, 2593-2598	2.3	21
57	Variation in Essential Oil and Bioactive Compounds of Curcuma kwangsiensis Collected from Natural Habitats. <i>Chemistry and Biodiversity</i> , 2017 , 14, e1700020	2.5	13
56	Antioxidative Activities of Essential Oils and Ethanol Extractions from Ornamental Zingiberaceae Species. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017 , 20, 215-222	1.7	4
55	Brefeldin A enhances docetaxel-induced growth inhibition and apoptosis in prostate cancer cells in monolayer and 3D cultures. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 2286-2291	2.9	11
54	High-speed broadband monitoring of cell viscoelasticity in real time shows myosin-dependent oscillations. <i>Biomechanics and Modeling in Mechanobiology</i> , 2017 , 16, 1857-1868	3.8	3
53	Contrastive analysis of chemical composition of essential oil from twelve Curcuma species distributed in China. <i>Industrial Crops and Products</i> , 2017 , 108, 17-25	5.9	29

52	Identification and Quantification of Potential Anti-inflammatory Hydroxycinnamic Acid Amides from Wolfberry. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 364-372	5.7	44
51	The Effects and Mechanism of YK-4-279 in Combination with Docetaxel on Prostate Cancer. <i>International Journal of Medical Sciences</i> , 2017 , 14, 356-366	3.7	14
50	Variation on Composition and Bioactivity of Essential Oils of Four Common Curcuma Herbs. <i>Chemistry and Biodiversity</i> , 2017 , 14, e1700280	2.5	12
49	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. <i>Journal of Nutritional Biochemistry</i> , 2017 , 40, 155-163	6.3	31
48	Mechanistic Study of Inhibitory Effects of Metformin and Atorvastatin in Combination on Prostate Cancer Cells in Vitro and in Vivo. <i>Biological and Pharmaceutical Bulletin</i> , 2017 , 40, 1247-1254	2.3	24
47	Natural Products as Adjunctive Treatment for Pancreatic Cancer: Recent Trends and Advancements. <i>BioMed Research International</i> , 2017 , 2017, 8412508	3	43
46	Peperine Enhancement on Neuroinflammatory Effects of Curcumin and its Mediation via Modulating Toll like Receptor-4 Pathway. <i>Current Research in Neuroscience</i> , 2017 , 8, 1-9	0	
45	Three-dimensional prostate tumor model based on a hyaluronic acid-alginate hydrogel for evaluation of anti-cancer drug efficacy. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017 , 28, 1603-1616	3.5	18
44	Terpenoid composition and the anticancer activity of Acanthopanax trifoliatus. <i>Archives of Pharmacal Research</i> , 2016 , 39, 51-8	6.1	13
43	Anti-inflammatory activity effect of 2-substituted-1,4,5,6-tetrahydrocyclopenta[b]pyrrole on TPA-induced skin inflammation in mice. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 5334-5339	2.9	21
42	Biosynthesis, Antibacterial Activity and Anticancer Effects Against Prostate Cancer (PC-3) Cells of Silver Nanoparticles Using Dimocarpus Longan Lour. Peel Extract. <i>Nanoscale Research Letters</i> , 2016 , 11, 300	5	78
41	Epigenetics Reactivation of Nrf2 in Prostate TRAMP C1 Cells by Curcumin Analogue FN1. <i>Chemical Research in Toxicology</i> , 2016 , 29, 694-703	4	34
40	Proteasome Inhibition Contributed to the Cytotoxicity of Arenobufagin after Its Binding with Na, K-ATPase in Human Cervical Carcinoma HeLa Cells. <i>PLoS ONE</i> , 2016 , 11, e0159034	3.7	14
39	Mechanistic Study of Inhibitory Effects of Atorvastatin and Docetaxel in Combination on Prostate Cancer. <i>Cancer Genomics and Proteomics</i> , 2016 , 13, 151-60	3.3	11
38	Effects of green-synthesized silver nanoparticles on lung cancer cells in vitro and grown as xenograft tumors in vivo. <i>International Journal of Nanomedicine</i> , 2016 , 11, 1879-87	7.3	90
37	Synergistic inhibitory effects of naproxen in combination with magnolol on TPA-induced skin inflammation in mice. <i>RSC Advances</i> , 2016 , 6, 38092-38099	3.7	7
36	Chemoprevention effects of a sulindac-based compound on TPA-induced skin inflammation in mice. <i>MedChemComm</i> , 2015 , 6, 1605-1611	5	3
35	Antioxidant and anti-inflammatory properties of Chinese ilicifolius vegetable (Acanthopanax trifoliatus (L) Merr) and its reference compounds. <i>Food Science and Biotechnology</i> , 2015 , 24, 1131-1138	3	11

34	Potent inhibitory effect of terpenoids from <i>Acanthopanax trifoliatum</i> on growth of PC-3 prostate cancer cells in vitro and in vivo is associated with suppression of NF- κ B and STAT3 signalling. <i>Journal of Functional Foods</i> , 2015 , 15, 274-283	5.1	12
33	Synthesis and biological evaluation of curcumin derivatives containing NSAIDs for their anti-inflammatory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 3044-51	2.9	22
32	Gold- and Silver-Catalyzed Glycosylation with Pyranone Glycosyl Donors: An Efficient and Diastereoselective Synthesis of β Anomers. <i>Synlett</i> , 2015 , 26, 1683-1686	2.2	9
31	Inspired by magnolol: design of NSAID-based compounds with excellent anti-inflammatory effects. <i>MedChemComm</i> , 2015 , 6, 2129-2139	5	4
30	Metformin combined with aspirin significantly inhibit pancreatic cancer cell growth in vitro and in vivo by suppressing anti-apoptotic proteins Mcl-1 and Bcl-2. <i>Oncotarget</i> , 2015 , 6, 21208-24	3.3	70
29	Curcumin, inflammation, and chronic diseases: how are they linked?. <i>Molecules</i> , 2015 , 20, 9183-213	4.8	264
28	Combination of 12-O-tetradecanoylphorbol-13-acetate with diethylthiocarbamate markedly inhibits pancreatic cancer cell growth in 3D culture and in immunodeficient mice. <i>International Journal of Molecular Medicine</i> , 2015 , 35, 1617-24	4.4	5
27	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. <i>PLoS ONE</i> , 2015 , 10, e0126107	3.7	27
26	Combination of Fisetin and Curcumin Inhibits Growth and Induces Apoptosis in Human Prostate Cancer Cells. <i>PLoS ONE</i> , 2015 , 10, e0144293	3.7	32
25	Potent inhibitory effect of Tocopherol on prostate cancer cells cultured in vitro and grown as xenograft tumors in vivo. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 10752-8	5.7	21
24	A triple combination of atorvastatin, celecoxib and tipifarnib strongly inhibits pancreatic cancer cells and xenograft pancreatic tumors. <i>International Journal of Oncology</i> , 2014 , 44, 2139-45	4.4	27
23	Curcumin analogues with high activity for inhibiting human prostate cancer cell growth and androgen receptor activation. <i>Molecular Medicine Reports</i> , 2014 , 10, 1315-22	2.9	28
22	Inhibition of IL-6 expression in LNCaP prostate cancer cells by a combination of atorvastatin and celecoxib. <i>Oncology Reports</i> , 2014 , 31, 835-41	3.5	13
21	Biological evaluation and 3D-QSAR studies of curcumin analogues as aldehyde dehydrogenase 1 inhibitors. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 8795-807	6.3	5
20	Combination of Lipitor and Celebrex inhibits prostate cancer VCaP cells in vitro and in vivo. <i>Anticancer Research</i> , 2014 , 34, 3357-63	2.3	9
19	Anticancer activity of <i>Acanthopanax trifoliatum</i> (L) Merr extracts is associated with inhibition of NF- κ B activity and decreased Erk1/2 and Akt phosphorylation. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 9341-6	1.7	11
18	Synthesis and evaluation of curcumin-related compounds containing benzyl piperidone for their effects on human cancer cells. <i>Chemical and Pharmaceutical Bulletin</i> , 2013 , 61, 1149-55	1.9	14
17	Green synthesis of silver nanoparticles by <i>Chrysanthemum morifolium</i> Ramat. extract and their application in clinical ultrasound gel. <i>International Journal of Nanomedicine</i> , 2013 , 8, 1809-15	7.3	104

16	Synthesis and evaluation of curcumin-related compounds for anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2012 , 53, 235-45	6.8	68
15	Inhibition of progression of androgen-dependent prostate LNCaP tumors to androgen independence in SCID mice by oral caffeine and voluntary exercise. <i>Nutrition and Cancer</i> , 2012 , 64, 1029-37	2.8	16
14	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. <i>International Journal of Oncology</i> , 2012 , 41, 2269-75	4.4	5
13	Effects of cyclohexanone analogues of curcumin on growth, apoptosis and NF-B activity in PC-3 human prostate cancer cells. <i>Oncology Letters</i> , 2012 , 4, 279-284	2.6	23
12	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. <i>Experimental and Therapeutic Medicine</i> , 2011 , 2, 221-228	2.1	20
11	Inhibitory Effect of a Tocopherol-Rich Mixture of Tocopherols on the Formation and Growth of LNCaP Prostate Tumors in Immunodeficient Mice. <i>Cancers</i> , 2011 , 3, 3762-72	6.6	20
10	Atorvastatin and celecoxib in combination inhibits the progression of androgen-dependent LNCaP xenograft prostate tumors to androgen independence. <i>Cancer Prevention Research</i> , 2010 , 3, 114-24	3.2	58
9	Inhibitory effect of voluntary running wheel exercise on the growth of human pancreatic Panc-1 and prostate PC-3 xenograft tumors in immunodeficient mice. <i>Oncology Reports</i> , 2008 , 19, 1583-8	3.5	28
8	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. <i>International Journal of Oncology</i> , 2008 , 32, 257-64	1	11
7	Atorvastatin and celecoxib inhibit prostate PC-3 tumors in immunodeficient mice. <i>Clinical Cancer Research</i> , 2007 , 13, 5480-7	12.9	61
6	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. <i>Clinical Cancer Research</i> , 2006 , 12, 3444-51	12.9	25
5	Combined inhibitory effects of curcumin and phenethyl isothiocyanate on the growth of human PC-3 prostate xenografts in immunodeficient mice. <i>Cancer Research</i> , 2006 , 66, 613-21	10.1	169
4	Inhibitory effects of 12-O-tetradecanoylphorbol-13-acetate alone or in combination with all-trans retinoic acid on the growth of cultured human pancreas cancer cells and pancreas tumor xenografts in immunodeficient mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 315, 170-87	4.7	12
3	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. <i>Cancer Research</i> , 2004 , 64, 1811-20	10.1	37
2	Gene expression of TPA induced differentiation in HL-60 cells by DNA microarray analysis. <i>Nucleic Acids Research</i> , 2002 , 30, 4489-99	20.1	42
1	A sensitive bioassay for measuring blood levels of 12-O-tetradecanoylphorbol-13-acetate (TPA) in patients: preliminary pharmacokinetic studies. <i>Oncology Research</i> , 2002 , 13, 169-74	4.8	9