Pawinee Piyachaturawat

List of Publications by Year
in descending order

99 papers	2,003 citations	236925 25 h-index	302126 39 g-index
100 all docs	100 docs citations	100 times ranked	2527 citing authors

#	Article	IF	Citations
1	Curcuma aromatica and Curcuma comosa Extracts and Isolated Constituents Provide Protection against UVB-Induced Damage and Attenuate Matrix Metalloproteinase-1 Expression in HaCaT Cells. Cosmetics, 2022, 9, 23.	3.3	2
2	Lowering of lysophosphatidylcholines in ovariectomized rats by Curcuma comosa. PLoS ONE, 2022, 17, e0268179.	2.5	0
3	Synthesis and cytotoxic activity of new 7-acetoxy-12-amino-14-deoxy andrographolide analogues. Bioorganic and Medicinal Chemistry Letters, 2021, 33, 127741.	2.2	3
4	Ex vivo expansion and functional activity preservation of adult hematopoietic stem cells by a diarylheptanoid from Curcuma comosa. Biomedicine and Pharmacotherapy, 2021, 143, 112102.	5.6	4
5	Pyranonaphthoquinone and anthraquinone derivatives from Ventilago harmandiana and their potent anti-inflammatory activity. Phytochemistry, 2020, 169, 112182.	2.9	14
6	Design, Synthesis and Evaluations of New 10â€Triazolylâ€1â€methoxygenipin Analogues for Their Cytotoxicity to Cancer Cells. ChemistrySelect, 2020, 5, 9540-9546.	1.5	8
7	Inhibition of Adipogenic Differentiation of Human Bone Marrow-Derived Mesenchymal Stem Cells by a Phytoestrogen Diarylheptanoid from Curcuma comosa. Journal of Agricultural and Food Chemistry, 2020, 68, 9993-10002.	5.2	6
8	Andrographolide modulates OPG/RANKL axis to promote osteoblastic differentiation in MC3T3-E1 cells and protects bone loss during estrogen deficiency in rats. Biomedicine and Pharmacotherapy, 2020, 131, 110763.	5.6	16
9	Cytotoxic compounds from the leaves and stems of the endemic Thai plant Mitrephora sirikitiae. Pharmaceutical Biology, 2020, 58, 490-497.	2.9	8
10	Design and synthesis of C-12 dithiocarbamate andrographolide analogues as an anticancer agent. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127263.	2.2	11
11	Cytotoxic polyoxygenated cyclohexene derivatives from the aerial parts of Uvaria cherrevensis. FÃ¬toterapÃ¬Ã¢, 2019, 137, 104182.	2.2	10
12	Sphingosineâ€1â€Phosphate Modulates the Effect of Estrogen in Human Osteoblasts. JBMR Plus, 2018, 2, 217-226.	2.7	11
13	Curcuma comosa reduces visceral adipose tissue and improves dyslipidemia in ovariectomized rats. Journal of Ethnopharmacology, 2018, 215, 167-175.	4.1	11
14	Polycyclic polyprenylated acylphloroglucinols and biphenyl derivatives from the roots of Garcinia nuntasaenii Ngerns. & Suddee. Phytochemistry, 2018, 146, 63-74.	2.9	15
15	Ophiobolins from the Mangrove Fungus Aspergillus ustus. Journal of Natural Products, 2018, 81, 2-9.	3.0	53
16	Anti-HIV and cytotoxic biphenyls, benzophenones and xanthones from stems, leaves and twigs of Garcinia speciosa. Phytochemistry, 2018, 147, 68-79.	2.9	26
17	Synthetic analogues of durantoside I from Citharexylum spinosum L. and their cytotoxic activity. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1558-1561.	2.2	3
18	A silyl andrographolide analogue suppresses Wnt/Î²-catenin signaling pathway in colon cancer. Biomedicine and Pharmacotherapy, 2018, 101, 414-421.	5.6	21

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19	Preparation of Curcuma comosa tablets using liquisolid techniques: In vitro and in vivo evaluation. International Journal of Pharmaceutics, 2018, 553, 157-168.	5.2	24
20	Dysregulated microRNA expression profiles in cholangiocarcinoma cell-derived exosomes. Life Sciences, 2018, 210, 65-75.	4.3	35
21	The anti-cancer activity of an andrographolide analogue functions through a GSK-3Î²-independent Wnt/Î²-catenin signaling pathway in colorectal cancer cells. Scientific Reports, 2018, 8, 7924.	3.3	24
22	Precursor-Directed Generation of Indolocarbazoles with Topoisomerase IIÎ± Inhibitory Activity. Marine Drugs, 2018, 16, 168.	4.6	14
23	Determination of the Marker Diarylheptanoid Phytoestrogens in <i>Curcuma comosa</i> Rhizomes and Selected Herbal Medicinal Products by HPLC-DAD. Chemical and Pharmaceutical Bulletin, 2018, 66, 65-70.	1.3	5
24	Polyketides From the Endophytic Fungus Cladosporium sp. Isolated From the Mangrove Plant Excoecaria agallocha. Frontiers in Chemistry, 2018, 6, 344.	3.6	26
25	New Ansamycins from the Deep-Sea-Derived Bacterium Ochrobactrum sp. OUCMDZ-2164. Marine Drugs, 2018, 16, 282.	4.6	12
26	Secopaxilline A, an indole-diterpenoid derivative from an aciduric Penicillium fungus, its identification and semisynthesis. Organic Chemistry Frontiers, 2018, 5, 2835-2839.	4.5	11
27	Structural modification of oridonin via DAST induced rearrangement. RSC Advances, 2018, 8, 29548-29554.	3.6	9
28	Suppression on Adipocyte Differentiation of Human Bone Marrowâ€Derived Mesenchymal Stem Cell (hBMSC) by a Phytoestrogen Diarylheptanoid. FASEB Journal, 2018, 32, 679.1.	0.5	0
29	Anticancer Activity of A Silyl Andrographolide Analogue Mediated Through Wnt/Î²â€Catenin Signaling In Colon Cancer Cells. FASEB Journal, 2018, 32, lb680.	0.5	0
30	Selective Estrogen Receptor Modulator (SERM)-like Activities of Diarylheptanoid, a Phytoestrogen from Curcuma comosa, in Breast Cancer Cells, Pre-osteoblast Cells, and Rat Uterine Tissues. Journal of Agricultural and Food Chemistry, 2017, 65, 3490-3496.	5.2	25
31	Synthesis and cytotoxic activity of 14-deoxy-12-hydroxyandrographolide analogs. Medicinal Chemistry Research, 2017, 26, 1653-1663.	2.4	7
32	Concurrent suppression of NF-ÎºB, p38 MAPK and reactive oxygen species formation underlies the effect of a novel compound isolated fromCurcuma comosaRoxb. in LPS-activated microglia. Journal of Pharmacy and Pharmacology, 2017, 69, 917-924.	2.4	9
33	One-pot three steps cascade synthesis of novel isoandrographolide analogues and their cytotoxic activity. European Journal of Medicinal Chemistry, 2017, 138, 952-963.	5.5	12
34	Synthesis of 14-deoxy-11,12-didehydroandrographolide analogues as potential cytotoxic agents for cholangiocarcinoma. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 5139-5143.	2.2	14
35	Inhibition of Topoisomerase IIÎ± and Induction of Apoptosis in Gastric Cancer Cells by 19-Triisopropyl Andrographolide. Asian Pacific Journal of Cancer Prevention, 2017, 18, 2845-2851.	1.2	7
36	A New Neolignan, and the Cytotoxic and Anti-HIV-1 Activities of Constituents from the Roots of Dasymaschalon sootepense. Natural Product Communications, 2016, 11, 1934578X1601100.	0.5	6

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37	Modulating effects of exercise training regimen on skeletal muscle properties in female polo ponies. BMC Veterinary Research, 2016, 12, 245.	1.9	11
38	Serum lipidomics analysis of ovariectomized rats under Curcuma comosa treatment. Journal of Ethnopharmacology, 2016, 192, 273-282.	4.1	14
39	Effects of andrographolide on intrahepatic cholestasis induced by alpha-naphthylisothiocyanate in rats. European Journal of Pharmacology, 2016, 789, 254-264.	3.5	18
40	5-Acetyl goniothalamin suppresses proliferation of breast cancer cells via Wnt/Î²-catenin signaling. European Journal of Pharmacology, 2016, 791, 455-464.	3.5	16
41	Cytotoxic lanostanes from fruits of Garcinia wallichii Choisy (Guttiferae). Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5773-5779.	2.2	6
42	Protective Effects of a Diarylheptanoid from Curcuma comosa Against Hydrogen Peroxide-Induced Astroglial Cell Death. Planta Medica, 2016, 82, 1456-1462.	1.3	6
43	Rhodol-based fluorescent probe for Au³⁺ detection and its application in bioimaging. RSC Advances, 2016, 6, 24752-24755.	3.6	30
44	Licorice root components in dietary supplements are selective estrogen receptor modulators with a spectrum of estrogenic and anti-estrogenic activities. Steroids, 2016, 105, 42-49.	1.8	48
45	Protective effect of diarylheptanoids fromCurcuma comosaon primary rat hepatocytes againstt-butyl hydroperoxide-induced toxicity. Pharmaceutical Biology, 2016, 54, 853-862.	2.9	6
46	Diarylheptanoids of Curcuma comosa with Inhibitory Effects on Nitric Oxide Production in Macrophage RAW 264.7 Cells. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	1
47	Proteomics profiling of cholangiocarcinoma exosomes: A potential role of oncogenic protein transferring in cancer progression. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1989-1999.	3.8	54
48	Solubility enhancement andin vitroevaluation of PEG-b-PLA micelles as nanocarrier of semi-synthetic andrographolide analogue for cholangiocarcinoma chemotherapy. Pharmaceutical Development and Technology, 2015, 21, 1-8.	2.4	22
49	Polyoxygenated cyclohexene derivatives isolated from Dasymaschalon sootepense and their biological activities. FÃ¬toterapÃ¬Ã¢, 2015, 106, 158-166.	2.2	26
50	Cytotoxic Alkaloids from Leaves and Twigs of Dasymaschalon sootepense. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	5
51	Induction of apoptosis in cholangiocarcinoma by an andrographolide analogue is mediated through topoisomerase II alpha inhibition. European Journal of Pharmacology, 2014, 723, 148-155.	3.5	29
52	Downregulation of LAT1 expression suppresses cholangiocarcinoma cell invasion and migration. Cellular Signalling, 2014, 26, 1668-1679.	3.6	41
53	Inhibition of topoisomerase II Î± activity and induction of apoptosis in mammalian cells by semi-synthetic andrographolide analogues. Investigational New Drugs, 2013, 31, 320-332.	2.6	25
54	Interactions of sesquiterpenes zederone and germacrone with the human cytochrome P450 system. Toxicology in Vitro, 2013, 27, 2005-2012.	2.4	13

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55	12-Amino-andrographolide analogues: synthesis and cytotoxic activity. Archives of Pharmacal Research, 2013, 36, 1454-1464.	6.3	19
56	A diarylheptanoid phytoestrogen from Curcuma comosa, 1,7-diphenyl-4,6-heptadien-3-ol, accelerates human osteoblast proliferation and differentiation. Phytomedicine, 2013, 20, 676-682.	5.3	26
57	The Natural Estrogenic Compound Diarylheptanoid (D3):In VitroMechanisms of Action andin VivoUterine Responses via Estrogen ReceptorÎ±. Environmental Health Perspectives, 2013, 121, 433-439.	6.0	13
58	Nitric oxide signalling is involved in diarylheptanoidâ€induced increases in femoral arterial blood flow in ovariectomized rats. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 240-249.	1.9	1
59	Bone Sparing Effect of a Novel Phytoestrogen Diarylheptanoid from Curcuma comosa Roxb. in Ovariectomized Rats. PLoS ONE, 2013, 8, e78739.	2.5	37
60	A Phytoestrogen Diarylheptanoid Mediates Estrogen Receptor/Akt/Glycogen Synthase Kinase 3Î² Protein-dependent Activation of the Wnt/Î²-Catenin Signaling Pathway. Journal of Biological Chemistry, 2012, 287, 36168-36178.	3.4	66
61	Long-Term Effect of Phytoestrogens from Curcuma comosa Roxb. on Vascular Relaxation in Ovariectomized Rats. Journal of Agricultural and Food Chemistry, 2012, 60, 758-764.	5.2	16
62	Improvements of insulin resistance in ovariectomized rats by a novel phytoestrogen from Curcuma comosa Roxb. BMC Complementary and Alternative Medicine, 2012, 12, 28.	3.7	22
63	New substituted C-19-andrographolide analogues with potent cytotoxic activities. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 49-52.	2.2	59
64	Effects of Curcuma comosa on the expression of atherosclerosis-related cytokine genes in rabbits fed a high-cholesterol diet. Journal of Ethnopharmacology, 2011, 134, 608-613.	4.1	12
65	Diarylheptanoid 7-(3,4 dihydroxyphenyl)-5-hydroxy-1-phenyl-(1E)-1-heptene from Curcuma comosa Roxb. protects retinal pigment epithelial cells against oxidative stress-induced cell death. Toxicology in Vitro, 2011, 25, 167-176.	2.4	27
66	Induction of apoptosis in murine leukemia by diarylheptanoids from Curcuma comosa Roxb.. Cell Biology and Toxicology, 2011, 27, 413-423.	5.3	9
67	Protection of centrilobular necrosis by Curcuma comosa Roxb. in carbon tetrachloride-induced mice liver injury. Journal of Ethnopharmacology, 2010, 129, 254-260.	4.1	20
68	Effects of phytoestrogens from Curcuma comosa Roxb. on rat aorta relaxation. FASEB Journal, 2010, 24, 1028.8.	0.5	0
69	Diarylheptanoid Phytoestrogens Isolated from the Medicinal Plant Curcuma comosa : Biologic Actions in Vitro and in Vivo Indicate Estrogen Receptorâ€“Dependent Mechanisms. Environmental Health Perspectives, 2009, 117, 1155-1161.	6.0	60
70	Enhancement of vascular relaxation in rat aorta by phytoestrogens from Curcuma comosa Roxb. Vascular Pharmacology, 2009, 51, 284-290.	2.1	18
71	Protection against cisplatin-induced nephrotoxicity in mice by Curcuma comosa Roxb. ethanol extract. Journal of Natural Medicines, 2009, 63, 430-436.	2.3	39
72	Estrogenic Activity of Diarylheptanoids from Curcuma comosa Roxb. Requires Metabolic Activation. Journal of Agricultural and Food Chemistry, 2009, 57, 840-845.	5.2	51

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73	Transcriptional regulation of iNOS and COX-2 by a novel compound from Curcuma comosa in lipopolysaccharide-induced microglial activation. Neuroscience Letters, 2009, 462, 171-175.	2.1	22
74	Diarylheptanoids, new phytoestrogens from the rhizomes of Curcuma comosa: Isolation, chemical modification and estrogenic activity evaluation. Bioorganic and Medicinal Chemistry, 2008, 16, 6891-6902.	3.0	107
75	Attenuation of eNOS expression in cadmium-induced hypertensive rats. Toxicology Letters, 2008, 176, 157-161.	0.8	60
76	L-Glutamate Enhances Methylmercury Toxicity by Synergistically Increasing Oxidative Stress. Journal of Pharmacological Sciences, 2008, 108, 280-289.	2.5	22
77	Diarylheptanoids contribute to the estrogenic activity of Curcuma comosa.. FASEB Journal, 2008, 22, 1220.4.	0.5	0
78	Phloracetophenone-induced choleresis in rats is mediated through Mrp2. American Journal of Physiology - Renal Physiology, 2007, 293, G66-G74.	3.4	5
79	Suppression by Curcuma comosa Roxb. of pro-inflammatory cytokine secretion in phorbol-12-myristate-13-acetate stimulated human mononuclear cells. International Immunopharmacology, 2007, 7, 524-531.	3.8	52
80	Contribution of cholinergic muscarinic functions in cadmium-induced hypertension in rats. Toxicology Letters, 2006, 164, S155.	0.8	4
81	Inhibitory effect of Curcuma comosa on NO production and cytokine expression in LPS-activated microglia. Life Sciences, 2006, 78, 571-577.	4.3	44
82	Inhibitory effects of choleretic hydroxyacetophenones on ileal bile acid transport in rats. Life Sciences, 2006, 78, 1630-1636.	4.3	3
83	4-Hydroxyacetophenone-Induced Choleresis in Rats is Mediated by the Mrp2-Dependent Biliary Secretion of Its Glucuronide Conjugate. Pharmaceutical Research, 2006, 23, 2603-2610.	3.5	5
84	Differential effects of hydroxyacetophenone analogues on the transcytotic vesicular pathway in rat liver. European Journal of Pharmacology, 2006, 547, 152-159.	3.5	2
85	Induction of human cholesterol 7Î±-hydroxylase in HepG2 cells by 2,4,6-trihydroxyacetophenone. European Journal of Pharmacology, 2005, 515, 43-46.	3.5	6
86	Evaluation of the acute and subacute toxicity of a choleretic phloracetophenone in experimental animals. Toxicology Letters, 2002, 129, 123-132.	0.8	15
87	Cholesterol lowering effects of a choleretic phloracetophenone in hypercholesterolemic hamsters. European Journal of Pharmacology, 2002, 439, 141-147.	3.5	7
88	Choleretic activity of phloracetophenone in rats: structureâ€“function studies using acetophenone analogues. European Journal of Pharmacology, 2000, 387, 221-227.	3.5	17
89	Reduction of plasma cholesterol by Curcuma comosa extract in hypercholesterolaemic hamsters. Journal of Ethnopharmacology, 1999, 66, 199-204.	4.1	24
90	A phloracetophenone glucoside with choleretic activity from Curcuma comosa. Phytochemistry, 1997, 45, 103-105.	2.9	48

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91	ENHANCEMENT OF FERTILIZATION BY PIPERINE IN HAMSTERS. Cell Biology International, 1997, 21, 405-409.	3.0	9
92	Phenolic diarylheptanoids from Curcuma xanthorrhiza. Phytochemistry, 1994, 36, 1505-1508.	2.9	38
93	Gastric mucosal secretions and lesions by different doses of streptozotocin in rats. Toxicology Letters, 1991, 55, 21-29.	0.8	23
94	Effects of cortisol pretreatment on the acute hepatotoxicity of aflatoxin B1. Toxicology Letters, 1988, 42, 237-248.	0.8	4
95	Effects of cytochalasin E on H+ and volume secretion in gastric fistula rats. Toxicology Letters, 1987, 36, 95-103.	0.8	3
96	Acute toxicity of nimbolide and nimbic acid in mice, rats and hamsters. Toxicology Letters, 1986, 30, 159-166.	0.8	30
97	Antifertility effect of Citrus hystrix DC.. Journal of Ethnopharmacology, 1985, 13, 105-110.	4.1	17
98	Acute and subacute toxicity of piperine in mice, rats and hamsters. Toxicology Letters, 1983, 16, 351-359.	0.8	106
99	Title is missing!. ScienceAsia, 1982, 8, 025.	0.5	2