

# Pornngarm Limtrakul

## List of Publications by Year in descending order

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99  
papers

4,564  
citations

126907

33  
h-index

106344

65  
g-index

101  
all docs

101  
docs citations

101  
times ranked

5330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-Osteoporosis Effect of <i>Perilla frutescens</i> Leaf Hexane Fraction through Regulating Osteoclast and Osteoblast Differentiation. <i>Molecules</i> , 2022, 27, 824.	3.8	9
2	Hyperoside and Quercitrin in <i>Houttuynia cordata</i> Extract Attenuate UVB-Induced Human Keratinocyte Cell Damage and Oxidative Stress via Modulation of MAPKs and Akt Signaling Pathway. <i>Antioxidants</i> , 2022, 11, 221.	5.1	15
3	Cyanidin-3-O-glucoside and Peonidin-3-O-glucoside-Rich Fraction of Black Rice Germ and Bran Suppresses Inflammatory Responses from SARS-CoV-2 Spike Glycoprotein S1-Induction In Vitro in A549 Lung Cells and THP-1 Macrophages via Inhibition of the NLRP3 Inflammasome Pathway. <i>Nutrients</i> , 2022, 14, 2738.	4.1	17
4	Inhibitory Effect of a Rosmarinic Acid-Enriched Fraction Prepared from Nga-Mon ( <i>Perilla frutescens</i> ) Seed Meal on Osteoclastogenesis through the RANK Signaling Pathway. <i>Antioxidants</i> , 2021, 10, 307.	5.1	22
5	Skin Wound-Healing Potential of Polysaccharides from Medicinal Mushroom <i>Auricularia auricula-judae</i> (Bull.). <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 247.	3.5	29
6	<i>Spirogyra neglecta</i> (Hassall) K&Auml;tzing attenuates metastasis of castration-resistant human prostate cancer via the blockage of AKT signaling pathway. <i>South African Journal of Botany</i> , 2021, 139, 26-37.	2.5	4
7	Determination of Phenolic Content, Antioxidant Activity, and Tyrosinase Inhibitory Effects of Functional Cosmetic Creams Available on the Thailand Market. <i>Plants</i> , 2021, 10, 1383.	3.5	11
8	Transcriptomic Profiling Reveals AKR1C1 and AKR1C3 Mediate Cisplatin Resistance in Signet Ring Cell Gastric Carcinoma via Autophagic Cell Death. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12512.	4.1	16
9	Molecular Mechanism of Antioxidant and Anti-Inflammatory Effects of Omega-3 Fatty Acids in <i>Perilla</i> Seed Oil and Rosmarinic Acid Rich Fraction Extracted from <i>Perilla</i> Seed Meal on TNF- $\alpha$ Induced A549 Lung Adenocarcinoma Cells. <i>Molecules</i> , 2021, 26, 6757.	3.8	12
10	Photoprotective Effects of a Hyperoside-Enriched Fraction Prepared from <i>Houttuynia cordata</i> Thunb. on Ultraviolet B-Induced Skin Aging in Human Fibroblasts through the MAPK Signaling Pathway. <i>Plants</i> , 2021, 10, 2628.	3.5	21
11	Dehydrozingerone, a Curcumin Analog, as a Potential Anti-Prostate Cancer Inhibitor In Vitro and In Vivo. <i>Molecules</i> , 2020, 25, 2737.	3.8	12
12	Anthocyanins and Proanthocyanidins in Natural Pigmented Rice and Their Bioactivities. , 2020, , ,		14
13	Photochemoprotective effects of <i>Spirulina platensis</i> extract against UVB irradiated human skin fibroblasts. <i>South African Journal of Botany</i> , 2020, 130, 198-207.	2.5	24
14	Combined Black Rice Germ, Bran Supplement and Exercise Intervention Modulate Aging Biomarkers and Improve Physical Performance and Lower-Body Muscle Strength Parameters in Aging Population. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2931.	2.6	8
15	The Association between Frailty Indicators and Blood-Based Biomarkers in Early-Old Community Dwellers of Thailand. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3457.	2.6	20
16	Proanthocyanidin-Rich Fractions from Red Rice Extract Enhance TNF- $\alpha$ -Induced Cell Death and Suppress Invasion of Human Lung Adenocarcinoma Cell A549. <i>Molecules</i> , 2019, 24, 3393.	3.8	8
17	Protective Effects of Defatted Sticky Rice Bran Extracts on the Early Stages of Hepatocarcinogenesis in Rats. <i>Molecules</i> , 2019, 24, 2142.	3.8	23
18	The Proanthocyanidin-Rich Fraction Obtained from Red Rice Germ and Bran Extract Induces HepG2 Hepatocellular Carcinoma Cell Apoptosis. <i>Molecules</i> , 2019, 24, 813.	3.8	28

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19	Interleukin-8 associated with chemosensitivity and poor chemotherapeutic response to gastric cancer. <i>Journal of Gastrointestinal Oncology</i> , 2019, 10, 1120-1132.	1.4	7
20	Dicentrine Potentiates TNF- $\alpha$ -Induced Apoptosis and Suppresses Invasion of A549 Lung Adenocarcinoma Cells via Modulation of NF- $\kappa$ B and AP-1 Activation. <i>Molecules</i> , 2019, 24, 4100.	3.8	21
21	Cyclohexanone curcumin analogs inhibit the progression of castration-resistant prostate cancer in vitro and in vivo. <i>Cancer Science</i> , 2019, 110, 596-607.	3.9	25
22	Alkaloids from <i>Stephania venosa</i> as Chemo-Sensitizers in SKOV3 Ovarian Cancer Cells via Akt/NF- $\kappa$ B Signaling. <i>Chemical and Pharmaceutical Bulletin</i> , 2018, 66, 162-169.	1.3	10
23	Association of DNA Repair and Drug Transporter in Relation to Chemosensitivity in Primary Culture of Thai Gastric Cancer Patients. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 360-367.	1.4	11
24	Skin Anti-aging Assays of Proanthocyanidin Rich Red Rice Extract, Oryzanol and Other Phenolic Compounds. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	9
25	<i>O</i> -Methylbulbocapnine and Dicentrine Suppress LPS-Induced Inflammatory Response by Blocking NF- $\kappa$ B and AP-1 Activation through Inhibiting MAPKs and Akt Signaling in RAW264.7 Macrophages. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1219-1227.	1.4	27
26	Curcumin inhibition of the effects of Tip $\alpha$ induced cytokine expression in gastric cancer patients. <i>PharmaNutrition</i> , 2018, 6, 100-106.	1.7	7
27	A Pharmacological Strategy Using Stemofoline for more Efficacious Chemotherapeutic Treatments Against Human Multidrug Resistant Leukemic Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018, 19, 3533-3543.	1.2	8
28	Phorbol esters in seed oil of <i>Jatropha curcas</i> L. (saboodam in Thai) and their association with cancer prevention: from the initial investigation to the present topics. <i>Journal of Cancer Research and Clinical Oncology</i> , 2017, 143, 1359-1369.	2.5	11
29	Modulation of P-glycoprotein by <i>Stemona</i> alkaloids in human multidrug resistance leukemic cells and structural relationships. <i>Phytomedicine</i> , 2017, 34, 182-190.	5.3	27
30	Kuguacin J isolated from bitter melon leaves modulates paclitaxel sensitivity in drug-resistant human ovarian cancer cells. <i>Journal of Natural Medicines</i> , 2017, 71, 693-702.	2.3	12
31	Phytochemical, Synthetic and Biological Studies on <i>Stemona</i> and <i>Stichoneuron</i> Plants and Alkaloids: A Personal Perspective. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.5	2
32	Relationships of Ex-Vivo Drug Resistance Assay and Cytokine Production with Clinicopathological Features in the Primary Cell Culture of Thai Ovarian and Fallopian Tube Cancer Patients. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017, 18, 3063-3071.	1.2	2
33	Anti-inflammatory effects of proanthocyanidin-rich red rice extract via suppression of MAPK, AP-1 and NF- $\kappa$ B pathways in Raw 264.7 macrophages. <i>Nutrition Research and Practice</i> , 2016, 10, 251.	1.9	73
34	Inhibition of the MAPK Signaling Pathway by Red Rice Extract in UVB-irradiated Human Skin Fibroblasts. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601101.	0.5	12
35	Re: Phromnoi K, Reuter S, Sung B, Prasad S, Kannappan R, Yadav VR, Chanmahasathien W, Limtrakul P, and Aggarwal BB (2010) A novel pentamethoxyflavone down-regulates tumor cell survival and proliferative and angiogenic gene products through inhibition of I $\kappa$ B kinase activation and sensitizes tumor cells to apoptosis by cytokines and chemotherapeutic agents. <i>Mol Pharmacol</i> 79:279-289; doi:10.1124/jmol.110.067512. <i>Molecular Pharmacology</i> , 2016, 90, 64-64.	2.3	0
36	Anti-aging and tyrosinase inhibition effects of <i>Cassia fistula</i> flower butanolic extract. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 497.	3.7	40

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37	Antiinflammatory Activities of Crebanine by Inhibition of NF- $\kappa$ B and AP-1 Activation through Suppressing MAPKs and Akt Signaling in LPS-Induced RAW264.7 Macrophages. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 54-61.	1.4	49
38	Chemosensitizing effects of synthetic curcumin analogs on human multi-drug resistance leukemic cells. <i>Chemico-Biological Interactions</i> , 2016, 244, 140-148.	4.0	32
39	Inhibition of the MAPK Signaling Pathway by Red Rice Extract in UVB-irradiated Human Skin Fibroblasts. <i>Natural Product Communications</i> , 2016, 11, 1877-1882.	0.5	7
40	Proanthocyanidin in Red Rice Inhibits MDA-MB-231 Breast Cancer Cell Invasion & via the Expression Control of Invasive Proteins. <i>Biological and Pharmaceutical Bulletin</i> , 2015, 38, 571-581.	1.4	38
41	Reversal of Human Multi-Drug Resistance Leukaemic Cells by Stemofoline Derivatives via Inhibition of P-glycoprotein Function. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 116, 390-397.	2.5	15
42	Suppression of Inflammatory Responses by Black Rice Extract in RAW 264.7 Macrophage Cells via Downregulation of NF- $\kappa$ B and AP-1 Signaling Pathways. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 4277-4283.	1.2	83
43	Crebanine, an aporphine alkaloid, sensitizes TNF- $\alpha$ -induced apoptosis and suppressed invasion of human lung adenocarcinoma cells A549 by blocking NF- $\kappa$ B-regulated gene products. <i>Tumor Biology</i> , 2014, 35, 8615-8624.	1.8	20
44	Anti-invasive Activity against Cancer Cells of Phytochemicals in Red Jasmine Rice ( <i>Oryza sativa</i> L.). <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 4601-4607.	1.2	35
45	Curcumin-loaded PLGA Nanoparticles Conjugated with Anti-P-glycoprotein Antibody to Overcome Multidrug Resistance. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 9249-9258.	1.2	28
46	Effects of curcumin on global gene expression profiles in the highly invasive human breast carcinoma cell line MDA-MB 231: A gene network-based microarray analysis. <i>Experimental and Therapeutic Medicine</i> , 2013, 5, 23-27.	1.8	17
47	Antiproliferative effect of alkaloids via cell cycle arrest from <i>Pseuduvaria rugosa</i> . <i>Pharmaceutical Biology</i> , 2013, 51, 400-404.	2.9	13
48	Kuguacin J, a Triterpenoid from <i>Momordica charantia</i> Linn: A Comprehensive Review of Anticarcinogenic Properties. , 2013, , .		4
49	Inhibition of P-Glycoprotein Mediated Multidrug Resistance by Stemofoline Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2013, 61, 399-404.	1.3	19
50	Anti-invasion Effect of Crebanine and <i>O</i> -Methylbulbocapnine from <i>Stephania venosa</i> & via Down-Regulated Matrix Metalloproteinases and Urokinase Plasminogen Activator. <i>Chemical and Pharmaceutical Bulletin</i> , 2013, 61, 1156-1165.	1.3	23
51	Ellagic Acid Inhibits Migration and Invasion by Prostate Cancer Cell Lines. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 2859-2863.	1.2	64
52	Induction of G1 Arrest and Apoptosis in Human Cancer Cells by Crebanine, an Alkaloid from <i>Stephania venosa</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2012, 60, 1283-1289.	1.3	19
53	Enhancement of cellular uptake and cytotoxicity of curcumin-loaded PLGA nanoparticles by conjugation with anti-P-glycoprotein in drug resistance cancer cells. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 823-831.	6.1	101
54	Kuguacin J, a triterpenoid from <i>Momordica charantia</i> leaf, modulates the progression of androgen-independent human prostate cancer cell line, PC3. <i>Food and Chemical Toxicology</i> , 2012, 50, 840-847.	3.6	35

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55	Comparison of seasonal variation in the fasting respiratory quotient of young Japanese, Polish and Thai women in relation to seasonal change in their percent body fat. <i>Journal of Physiological Anthropology</i> , 2012, 31, 10.	2.6	12
56	Comparison of variations between percentage of body fat, body mass index and daily physical activity among young Japanese and Thai female students. <i>Journal of Physiological Anthropology</i> , 2012, 31, 21.	2.6	6
57	Kuguacin J isolated from <i>Momordica charantia</i> leaves inhibits P-glycoprotein (ABCB1)-mediated multidrug resistance. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 76-84.	4.2	38
58	Anti-cancer activities of $\hat{1}\pm$ - and $\hat{1}^3$ -tocotrienol against the human lung cancer. <i>African Journal of Pharmacy and Pharmacology</i> , 2012, 6, .	0.3	1
59	Biochemical Mechanism of Modulation of Human P-glycoprotein by Stemofoline. <i>Planta Medica</i> , 2011, 77, 1990-1995.	1.3	28
60	Induction of G1 arrest and apoptosis in androgen-dependent human prostate cancer by Kuguacin J, a triterpenoid from <i>Momordica charantia</i> leaf. <i>Cancer Letters</i> , 2011, 306, 142-150.	7.2	68
61	Stemona alkaloids, from traditional Thai medicine, increase chemosensitivity via P-glycoprotein-mediated multidrug resistance. <i>Phytomedicine</i> , 2011, 18, 199-204.	5.3	51
62	Anti-P-glycoprotein conjugated nanoparticles for targeting drug delivery in cancer treatment. <i>Archives of Pharmacal Research</i> , 2011, 34, 1679-1689.	6.3	25
63	Dihydroxypentamethoxyflavone Down-Regulates Constitutive and Inducible Signal Transducers and Activators of Transcription-3 through the Induction of Tyrosine Phosphatase SHP-1. <i>Molecular Pharmacology</i> , 2011, 80, 889-899.	2.3	25
64	Pure curcumin inhibits exogenous Wilms's tumor (WT1) (+/+) isoform protein via degradation pathway and protein kinase C in transfected U937 cells. <i>African Journal of Pharmacy and Pharmacology</i> , 2011, 5, .	0.3	2
65	Seasonal Variation in Amount of Unabsorbed Dietary Carbohydrate from the Intestine after Breakfast in Young Female Thai Subjects: Comparison with that of Japanese Subjects. <i>Journal of Physiological Anthropology</i> , 2010, 29, 141-147.	2.6	6
66	The inhibitory effect of turmeric curcuminoids on matrix metalloproteinase-3 secretion in human invasive breast carcinoma cells. <i>Archives of Pharmacal Research</i> , 2010, 33, 989-998.	6.3	45
67	Demethoxycurcumin suppresses migration and invasion of MDA-MB-231 human breast cancer cell line. <i>European Journal of Pharmacology</i> , 2010, 627, 8-15.	3.5	93
68	<i>Momordica charantia</i> leaf extract suppresses rat prostate cancer progression <i>in vitro</i> and <i>in vivo</i> . <i>Cancer Science</i> , 2010, 101, 2234-2240.	3.9	66
69	A Dihydroxy-pentamethoxyflavone from <i>Gardenia obtusifolia</i> suppresses proliferation and promotes apoptosis of tumor cells through modulation of multiple cell signaling pathways. <i>Anticancer Research</i> , 2010, 30, 3599-610.	1.1	16
70	Chemopreventive effect of fermented brown rice and rice bran (FBRA) on the inflammation-related colorectal carcinogenesis in <i>ApcMin</i> +/+ mice. <i>Oncology Reports</i> , 2009, 23, .	2.6	21
71	Zerumbone Enhances TRAIL-Induced Apoptosis through the Induction of Death Receptors in Human Colon Cancer Cells: Evidence for an Essential Role of Reactive Oxygen Species. <i>Cancer Research</i> , 2009, 69, 6581-6589.	0.9	159
72	Curcumin, demethoxycurcumin and bisdemethoxycurcumin differentially inhibit cancer cell invasion through the down-regulation of MMPs and uPA. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 87-95.	4.2	163

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73	Inhibition of MMP-3 activity and invasion of the MDA-MB-231 human invasive breast carcinoma cell line by bioflavonoids. <i>Acta Pharmacologica Sinica</i> , 2009, 30, 1169-1176.	6.1	80
74	Effect of pure curcumin, demethoxycurcumin, and bisdemethoxycurcumin on WT1 gene expression in leukemic cell lines. <i>Cancer Chemotherapy and Pharmacology</i> , 2008, 62, 585-594.	2.3	58
75	Tetrahydrocurcumin inhibits HT1080 cell migration and invasion via downregulation of MMPs and uPA1. <i>Acta Pharmacologica Sinica</i> , 2008, 29, 853-860.	6.1	53
76	Curcumin, demethoxycurcumin, bisdemethoxycurcumin, tetrahydrocurcumin and turmerones differentially regulate anti-inflammatory and anti-proliferative responses through a ROS-independent mechanism. <i>Carcinogenesis</i> , 2007, 28, 1765-1773.	2.8	552
77	Effect of <i>Stemona curtisii</i> root extract on P-glycoprotein and MRP-1 function in multidrug-resistant cancer cells. <i>Phytomedicine</i> , 2007, 14, 381-389.	5.3	37
78	CURCUMIN AS CHEMOSENSITIZER. <i>Advances in Experimental Medicine and Biology</i> , 2007, 595, 269-300.	1.6	58
79	Modulation of function of three ABC drug transporters, P-glycoprotein (ABCB1), mitoxantrone resistance protein (ABCG2) and multidrug resistance protein 1 (ABCC1) by tetrahydrocurcumin, a major metabolite of curcumin. <i>Molecular and Cellular Biochemistry</i> , 2007, 296, 85-95.	3.1	202
80	Modulation of the function of the multidrug resistance-linked ATP-binding cassette transporter ABCG2 by the cancer chemopreventive agent curcumin. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 1995-2006.	4.1	116
81	Curcumin inhibits WT1 gene expression in human leukemic K562 cells. <i>Acta Pharmacologica Sinica</i> , 2006, 27, 360-366.	6.1	34
82	Curcuminoids purified from turmeric powder modulate the function of human multidrug resistance protein 1 (ABCC1). <i>Cancer Chemotherapy and Pharmacology</i> , 2006, 57, 376-388.	2.3	100
83	Inhibitory effect of curcumin on MDR1 gene expression in patient leukemic cells. <i>Archives of Pharmacal Research</i> , 2006, 29, 866-873.	6.3	58
84	Inhibitory effect of curcumin on WT1 gene expression in patient leukemic cells. <i>Archives of Pharmacal Research</i> , 2006, 29, 80-87.	6.3	39
85	MODULATION OF HUMAN MULTIDRUG-RESISTANCE MDR-1 GENE BY NATURAL CURCUMINOIDS. <i>Acta Horticulturae</i> , 2005, , 75-83.	0.2	1
86	Inhibition of P-Glycoprotein Function and Expression by Kaempferol and Quercetin. <i>Journal of Chemotherapy</i> , 2005, 17, 86-95.	1.5	174
87	Title is missing!. <i>ScienceAsia</i> , 2005, 31, 113.	0.5	1
88	Modulation of human multidrug-resistance MDR-1 gene by natural curcuminoids. <i>BMC Cancer</i> , 2004, 4, 13.	2.6	111
89	Biochemical mechanism of modulation of human P-glycoprotein (ABCB1) by curcumin I, II, and III purified from Turmeric powder. <i>Biochemical Pharmacology</i> , 2004, 68, 2043-2052.	4.4	212
90	Inhibition of P-glycoprotein activity and reversal of cancer multidrug resistance by <i>Momordica charantia</i> extract. <i>Cancer Chemotherapy and Pharmacology</i> , 2004, 54, 525-530.	2.3	69

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91	In-house direct cELISA for determining aflatoxin B 1 in Thai corn and peanuts. Food Additives and Contaminants, 2003, 20, 838-845.	2.0	27
92	Modulation of P-glycoprotein expression and function by curcumin in multidrug-resistant human KB cells. Biochemical Pharmacology, 2002, 64, 573-582.	4.4	274
93	Inhibition of carcinogen induced c-Ha-ras and c-fos proto-oncogenes expression by dietary curcumin. BMC Cancer, 2001, 1, 1.	2.6	75
94	Risk Factors for Lung Cancer among Northern Thai Women: Epidemiological, Nutritional, Serological, and Bacteriological Surveys of Residents in High- and Low-incidence Areas. Japanese Journal of Cancer Research, 1999, 90, 1187-1195.	1.7	13
95	Comparison of Diets among Elderly Female Residents in Two Suburban Districts in Chiang Mai Province, Thailand, in Dry Season. Survey on High- and Low-Risk Districts of Lung Cancer Incidence.. Applied Human Science: Journal of Physiological Anthropology, 1998, 17, 49-56.	0.2	7
96	Inhibitory effect of dietary curcumin on skin carcinogenesis in mice. Cancer Letters, 1997, 116, 197-203.	7.2	163
97	Chemopreventive effects of fermented brown rice and rice bran against 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced lung tumorigenesis in female A/J mice. Oncology Reports, 1994, 21, 321.	2.6	10
98	Suppressive effect of soybean milk protein on experimentally induced skin tumor in mice. Life Sciences, 1993, 53, 1591-1596.	4.3	10
99	Hydrosoluble Perylene Monoimide-Based Telomerase Inhibitors with Diminished Cytotoxicity. ACS Omega, 0, , .	3.5	0