Gorawit Yusakul

List of Publications by Year
in descending order

71	619	706676 14	799663 21
papers	citations	h-index	g-index

72	72	72	479
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Harringtonine Ester Derivatives with Enhanced Antiproliferative Activities against HL-60 and HeLa Cells. Journal of Natural Products, 2022, 85, 345-351.	1.5	3
2	Molecular Structures and In Vitro Bioactivities of Enzymatically Produced Porcine Placenta Peptides Fractionated by Ultrafiltration. Food and Bioprocess Technology, 2022, 15, 669-682.	2.6	3
3	Aqueous Thunbergia laurifolia leaf extract alleviates paraquat-induced lung injury in rats by inhibiting oxidative stress and inflammation. BMC Complementary Medicine and Therapies, 2022, 22, 83.	1.2	1
4	Phosphodiesteraseâ€5 Inhibitory Activity of Canthinâ€6â€One Alkaloids and the Roots of Eurycoma longifolia and Eurycoma harmandiana. Chemistry and Biodiversity, 2022, 19, .	1.0	7
5	Therapeutic hydrophobic deep eutectic solvents of menthol and fatty acid for enhancing anti-inflammation effects of curcuminoids and curcumin on RAW264.7 murine macrophage cells. RSC Advances, 2022, 12, 17443-17453.	1.7	9
6	Evaluation of anti-inflammatory properties ofEurycoma longifoliaJack andEurycoma harmandianaPierrein vitrocultures and their constituents. Food and Agricultural Immunology, 2022, 33, 530-545.	0.7	5
7	HPLC-UV-Based Simultaneous Determination of Canthin-6-One Alkaloids, Quassinoids, and Scopoletin: The Active Ingredients in Eurycoma Longifolia Jack and Eurycoma Harmandiana Pierre, and Their Anti-Inflammatory Activities. Journal of AOAC INTERNATIONAL, 2021, 104, 802-810.	0.7	11
8	(+)-7-O-Methylisomiroestrol, a new chromene phytoestrogen from the Pueraria candollei var. mirifica root. Natural Product Research, 2021, 35, 4110-4114.	1.0	10
9	Molecular cloning and characterization of type III polyketide synthase from Plumbago zeylanica. Journal of Asian Natural Products Research, 2021, 23, 478-490.	0.7	2
10	Immunochromatographic assay for the detection of kwakhurin and its application for the identification of Pueraria candollei var. mirifica (Airy Shaw & Suvat.) Niyomdham. Phytochemical Analysis, 2021, 32, 503-511.	1.2	5
11	Rapid magnetic particles-based enzyme immunoassay for the quality control of Glycyrrhiza spp. based on glycyrrhizin content. FÃ¬toterapÃ¬Ã¢, 2021, 148, 104794.	1.1	3
12	Improvement of stilbene production by mulberry Morus alba root culture via precursor feeding and co-elicitation. Bioprocess and Biosystems Engineering, 2021, 44, 653-660.	1.7	20
13	Quantification of methylisomiroestrol, a phytoestrogen of Pueraria candollei, by enzyme-linked immunosorbent assay in comparison with high-performance liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2021, 192, 113674.	1.4	4
14	Competitive immunochromatographic test strips for the rapid semi-quantitative analysis of the biologically active bitter glycoside, amarogentin. Journal of Immunoassay and Immunochemistry, 2021, 42, 48-61.	0.5	1
15	Enzyme-linked immunosorbent assay using fragment antigen-binding (Fab) antibody for determination of deoxymiroestrol, a potent phytoestrogen from Pueraria candollei. Food and Agricultural Immunology, 2021, 32, 336-348.	0.7	5
16	Development of a colorless Centella asiatica (L.) Urb. extract using a natural deep eutectic solvent (NADES) and microwave-assisted extraction (MAE) optimized by response surface methodology. RSC Advances, 2021, 11, 8741-8750.	1.7	13
17	Transformation of Pueraria candollei var. mirifica phytoestrogens using immobilized and free Î²-glucosidase, a technique for enhancing estrogenic activity. RSC Advances, 2021, 11, 32067-32076.	1.7	0
18	Plant-made antibody against miroestrol: a new platform for expression of full-length immunoglobulin G against small-molecule targets in immunoassays. Plant Cell Reports, 2021, 40, 723-733.	2.8	2

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19	Effects of Thai Local Ingredient Odorants, Litsea cubeba and Garlic Essential Oils, on Brainwaves and Moods. Molecules, 2021, 26, 2939.	1.7	9
20	Fragment antigen-binding (Fab) antibody-based lateral flow immunoassay for rapid and sensitive detection of potent phytoestrogen, deoxymiroestrol. Journal of Natural Medicines, 2021, 75, 1043-1049.	1.1	1
21	Biocompatible natural deep eutectic solvent-based extraction and cellulolytic enzyme-mediated transformation of Pueraria mirifica isoflavones: a sustainable approach for increasing health-bioactive constituents. Bioresources and Bioprocessing, 2021, 8, .	2.0	8
22	Correction to: Biocompatible natural deep eutectic solventâ€'based extraction and cellulolytic enzymeâ€'mediated transformation of Pueraria mirifica isoflavones: a sustainable approach for increasing healthâ€'bioactive constituents. Bioresources and Bioprocessing, 2021, 8, .	2.0	0
23	Simple preparation and analysis of a phytoestrogen-rich extract of Pueraria candollei var. mirifica and its in vitro estrogenic activity. Journal of Herbal Medicine, 2021, 29, 100463.	1.0	4
24	Open sandwich fluorescence-linked immunosorbent assay for detection of soy isoflavone glycosides. Food Chemistry, 2021, 361, 129829.	4.2	5
25	Porcine placenta hydrolysate as an alternate functional food ingredient: In vitro antioxidant and antibacterial assessments. PLoS ONE, 2021, 16, e0258445.	1.1	8
26	Modulatory effects of Benjakul extract on rat hepatic cytochrome P450 enzymes. Heliyon, 2021, 7, e08498.	1.4	2
27	The Deoxymiroestrol and Isoflavonoid Production and Their Elicitation of Cell Suspension Cultures of Pueraria candollei var. mirifica: from Shake Flask to Bioreactor. Applied Biochemistry and Biotechnology, 2020, 190, 57-72.	1.4	15
28	Expression of actively soluble antigen-binding fragment (Fab) antibody and GFP fused Fab in the cytoplasm of the engineered Escherichia coli. Molecular Biology Reports, 2020, 47, 4519-4529.	1.0	6
29	Kwakhurinâ€magnetic particles conjugates enable fast enzyme immunoassay for the detection of kwakhurin in Pueraria candollei. Phytochemical Analysis, 2020, 31, 930-936.	1.2	2
30	Honey as a solvent for the green extraction, analysis, and bioconversion of daidzin from Pueraria candollei var. mirifica root. Pharmacognosy Magazine, 2020, 16, 524.	0.3	1
31	Modification of the first constant domain of heavy chain enabled effective folding of functional antiâ€forskolin antigenâ€binding fragment for sensitive quantitative analysis. Biotechnology Progress, 2019, 35, e2822.	1.3	0
32	Preincubation format for a sensitive immunochromatographic assay for monocrotaline, a toxic pyrrolizidine alkaloid. Phytochemical Analysis, 2019, 30, 653-660.	1.2	7
33	Preparation of a highly specific single chain variable fragment antibody targeting miroestrol and its application in quality control of Pueraria candollei by enzymeâ€linked immunosorbent assay. Phytochemical Analysis, 2019, 30, 600-608.	1.2	5
34	An indirect competitive enzyme-linked immunosorbent assay toward the standardization of Pueraria candollei based on its unique isoflavonoid, kwakhurin. FÃ¬toterapÃ¬Ã¢, 2019, 133, 23-28.	1.1	9
35	Enhanced accumulation of high-value deoxymiroestrol and isoflavonoids using hairy root as a sustainable source of Pueraria candollei var. mirifica. Plant Cell, Tissue and Organ Culture, 2019, 136, 141-151.	1.2	10
36	A Recombinant Fab Antibody Against Kwakhurin as a Tool for Sensitive Indirect Competitive ELISA. Current Pharmaceutical Biotechnology, 2019, 19, 1170-1176.	0.9	7

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37	High-performance liquid chromatography for analysis of corosolic acid in Lagerstroemia species and their hypoglycemic activities. Planta Medica, 2019, 85, .	0.7	0
38	Simultaneous determination of three canthin-6-one alkaloids in different extracts of Eurycoma longifolia and Eurycoma harmandiana using HPLC-UV. , 2019, 85, .		0
39	Enzyme linked immunosorbent assay for total potent estrogenic miroestrol and deoxymiroestrol of Pueraria candollei, a Thai herb for menopause remedy. Journal of Natural Medicines, 2018, 72, 641-650.	1.1	9
40	Different expression systems resulted in varied binding properties of anti-paclitaxel single-chain variable fragment antibody clone 1C2. Journal of Natural Medicines, 2018, 72, 310-316.	1.1	7
41	A pilot pharmacokinetic study of miroestrol and deoxymiroestrol on rabbit sera using polyclonal antibodyâ€based icELISA analysis. Phytotherapy Research, 2018, 32, 365-369.	2.8	1
42	Improvement of heavy and light chain assembly by modification of heavy chain constant region 1 (CH1): Application for the construction of an anti-paclitaxel fragment antigen-binding (Fab) antibody. Journal of Biotechnology, 2018, 288, 41-47.	1.9	12
43	Development of an indirect competitive immunochromatographic strip test for rapid detection and determination of anticancer drug, harringtonine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1048, 150-154.	1.2	20
44	Ultrasensitive immunoassay for monocrotaline using monoclonal antibody produced by N, Nâ€™ -carbonyldiimidazole mediated hapten-carrier protein conjugates. Talanta, 2017, 168, 67-72.	2.9	20
45	Sodium periodate-mediated conjugation of harringtonine enabling the production of a highly specific monoclonal antibody, and the development of a sensitive quantitative analysis method. Analyst, The, 2017, 142, 1140-1148.	1.7	18
46	Bacterial Expression of a Single-Chain Variable Fragment (scFv) Antibody against Ganoderic Acid A: A Cost-Effective Approach for Quantitative Analysis Using the scFv-Based Enzyme-Linked Immunosorbent Assay. Biological and Pharmaceutical Bulletin, 2017, 40, 1767-1774.	0.6	15
47	Effect of linker length between variable domains of single chain variable fragment antibody against daidzin on its reactivity. Bioscience, Biotechnology and Biochemistry, 2016, 80, 1306-1312.	0.6	26
48	Preparation and application of a monoclonal antibody against the isoflavone glycoside daidzin using a mannich reactionâ€derived hapten conjugate. Phytochemical Analysis, 2016, 27, 81-88.	1.2	18
49	Efficient expression of single chain variable fragment antibody against paclitaxel using the Bombyx mori nucleopolyhedrovirus bacmid DNA system and its characterizations. Journal of Natural Medicines, 2016, 70, 592-601.	1.1	9
50	Anti-miroestrol polyclonal antibodies: a comparison of immunogen preparations used to obtain desired antibody properties. Journal of Natural Medicines, 2016, 70, 296-299.	1.1	8
51	Colloidal gold-based indirect competitive immunochromatographic assay for rapid detection of bioactive isoflavone glycosides daidzin and genistin in soy products. Food Chemistry, 2016, 194, 191-195.	4.2	27
52	A single-chain variable fragment antibody against anti-leukemia agent, harringtonine as a tool for immunomodulation. Planta Medica, 2016, 81, S1-S381.	0.7	0
53	Development of highly sensitive immunological techniques for determination of cephalotaxus alkaloids, harringtonine. Planta Medica, 2016, 81, S1-S381.	0.7	0
54	Chromene stability: The most potent estrogenic compounds in White Kwao Krua (Pueraria candollei) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	14

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55	Enzymeâ€linked immunosorbent assay by enhanced chemiluminescence detection for the standardization of estrogenic miroestrol in Pueraria candollei Graham ex Benth. Luminescence, 2015, 30, 568-575.	1.5	15
56	Simultaneous determination of soy isoflavone glycosides, daidzin and genistin by monoclonal antibody-based highly sensitive indirect competitive enzyme-linked immunosorbent assay. Food Chemistry, 2015, 169, 127-133.	4.2	33
57	Preparation of a Monoclonal Antibody against Notoginsenoside R1, a Distinctive Saponin from Panax notoginseng, and Its Application to Indirect Competitive ELISA. Planta Medica, 2014, 80, 337-342.	0.7	11
58	Enzyme-linked immunosorbent assay by enhanced chemiluminescence detection for standardization of miroestrol in Pueraria candollei. Planta Medica, 2014, 80, .	0.7	0
59	Determination of Iriflophenone 3â€‹Câ€Î²-â€‹<scp>d</scp>â€Glucoside From Aquilaria spp. by an Indirect Competitive Enzymeâ€linked Immunosorbent Assay Using a Specific Polyclonal Antibody. Journal of Food Science, 2013, 78, C1363-7.	1.5	5
60	High performance enzyme-linked immunosorbent assay for determination of miroestrol, a potent phytoestrogen from Pueraria candollei. Analytica Chimica Acta, 2013, 785, 104-110.	2.6	19
61	Highly selective and sensitive determination of deoxymiroestrol using a polyclonal antibody-based enzyme-linked immunosorbent assay. Talanta, 2013, 114, 73-78.	2.9	18
62	Production of Polyclonal Antibody Against Madecassoside and Development of Immunoassay Methods for Analysis of Triterpene Glycosides in Centella asiatica. Phytochemical Analysis, 2013, 24, 256-262.	1.2	5
63	Development of an enzyme-linked immunosorbent assay for determination of iriflophenone 3-C-Î²-D-glucoside from Aquilaria spp. using a specific polyclonal antibody. Planta Medica, 2013, 79, .	0.7	0
64	Enzyme-linked immunosorbent assays for quality control of miroestrol and deoxymiroestrol in Pueraria candollei. Planta Medica, 2013, 79, .	0.7	0
65	Development and Application of an Enzymeâ€linked Immunosorbent Assay for Specific Detection of Mangiferin Content in Various Cultivars of Mangifera indica Leaves Using Antiâ€mangiferin Polyclonal Antibody. Journal of Food Science, 2012, 77, C414-9.	1.5	4
66	PRODUCTION OF ANTIâ€“MADECASSOSIDE POLYCLONAL ANTIBODY AND ITS APPLICATION FOR QUALITY CONTROL OF CENTELLA ASIATICA (L.) URBAN. Reviews on Clinical Pharmacology and Drug Therapy, 2012, 10, 90.	0.2	0
67	EFFECT OF PLANT GROWTH REGULATORS AND BIOTIC ELICITORS ON DICENTRINE PRODUCTION IN HAIRY ROOT CULTURES OF STEPHANIA SUBEROSA FORMAN. Reviews on Clinical Pharmacology and Drug Therapy, 2012, 10, 67-1.	0.2	0
68	Comparative analysis of the chemical constituents of two varieties of Pueraria candollei. FÃ¬toterapÃ¬Ã¢, 2011, 82, 203-207.	1.1	43
69	Enhanced plumbagin production from inÂvitro cultures of Drosera burmanii using elicitation. Biotechnology Letters, 2010, 32, 721-724.	1.1	55
70	Dicentrine Production from a Hairy Roots Culture of Stephania suberosa. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2009, 64, 692-696.	0.6	4
71	Modulatory Effects of Benjakul Extract on Rat Hepatic Cytochrome P450 Enzymes. SSRN Electronic Journal, 0, , .	0.4	0