

Jer-Yiing Houng

List of Publications by Year in descending order

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71
papers

1,877
citations

236925

25
h-index

289244

40
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71
all docs

71
docs citations

71
times ranked

2382
citing authors

#	ARTICLE	IF	CITATIONS
1	Laparoscopic Roux-en-Y Gastric Bypass for the Treatment of Type II Diabetes Mellitus in Chinese Patients with Body Mass Index of 25â€“35. <i>Obesity Surgery</i> , 2011, 21, 1344-1349.	2.1	101
2	Optimization of the medium composition for the submerged culture of <i>Ganoderma lucidum</i> by Taguchi array design and steepest ascent method. <i>Enzyme and Microbial Technology</i> , 2006, 38, 407-414.	3.2	89
3	Single Incision Transumbilical Laparoscopic Roux-en-Y Gastric Bypass: A First Case Report. <i>Obesity Surgery</i> , 2009, 19, 1711-1715.	2.1	85
4	Simultaneous carbon-nitrogen removal in wastewater using phosphorylated PVA-immobilized microorganisms. <i>Enzyme and Microbial Technology</i> , 1998, 23, 311-320.	3.2	73
5	Pretreatment circulating monocyte count associated with poor prognosis in patients with oral cavity cancer. <i>Head and Neck</i> , 2014, 36, 947-953.	2.0	72
6	Effect of conjugated linoleic acid supplementation on weight loss and body fat composition in a Chinese population. <i>Nutrition</i> , 2012, 28, 559-565.	2.4	70
7	Serum levels of total p-cresylsulphate are associated with angiographic coronary atherosclerosis severity in stable angina patients with early stage of renal failure. <i>Atherosclerosis</i> , 2010, 211, 579-583.	0.8	69
8	Real-time control of an immobilized-cell reactor for wastewater treatment using ORP. <i>Water Research</i> , 2002, 36, 230-238.	11.3	66
9	Preliminary Surgical Results of Single-Incision Transumbilical Laparoscopic Bariatric Surgery. <i>Obesity Surgery</i> , 2011, 21, 391-396.	2.1	61
10	Antioxidant Activity, Cytotoxicity, and DNA Information of <i>Glossogyne tenuifolia</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6117-6125.	5.2	59
11	Glossogin, a novel phenylpropanoid from <i>Glossogyne tenuifolia</i> , induced apoptosis in A549 lung cancer cells. <i>Food and Chemical Toxicology</i> , 2008, 46, 3785-3791.	3.6	55
12	Antioxidant and anti-inflammatory activities of <i>Lonicera japonica</i> Thunb. var. <i>sempervillosa</i> Hayata flower bud extracts prepared by water, ethanol and supercritical fluid extraction techniques. <i>Industrial Crops and Products</i> , 2016, 89, 543-549.	5.2	53
13	<i>Typhonium blumei</i> extract inhibits proliferation of human lung adenocarcinoma A549 cells via induction of cell cycle arrest and apoptosis. <i>Journal of Ethnopharmacology</i> , 2011, 135, 492-500.	4.1	50
14	A Novel Technique for Liver Retraction in Laparoscopic Bariatric Surgery. <i>Obesity Surgery</i> , 2011, 21, 676-679.	2.1	50
15	Applying the Taguchi robust design to the optimization of the asymmetric reduction of ethyl 4-chloro acetoacetate by bakersâ€™ yeast. <i>Journal of Biotechnology</i> , 2003, 100, 239-250.	3.8	49
16	Improvement of gas permeability of denitrifying PVA gel beads. <i>Enzyme and Microbial Technology</i> , 1996, 18, 502-506.	3.2	40
17	Analysis of substrate protection of an immobilized glucose isomerase reactor. <i>Biotechnology and Bioengineering</i> , 1993, 41, 451-458.	3.3	39
18	Enhancement of asymmetric bioreduction of ethyl 4-chloro acetoacetate by the design of composition of culture medium and reaction conditions. <i>Process Biochemistry</i> , 2007, 42, 1-7.	3.7	36

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19	Optimization of cultivation medium composition for isoamylase production. Applied Microbiology and Biotechnology, 1989, 31, 61.	3.6	32
20	Glossogyne tenuifolia Extract Inhibits TNF- α -Induced Expression of Adhesion Molecules in Human Umbilical Vein Endothelial Cells via Blocking the NF- κ B Signaling Pathway. Molecules, 2015, 20, 16908-16923.	3.8	32
21	Kinetic resolution of amino acid esters catalyzed by lipases. , 1996, 8, 418-422.		31
22	Title is missing!. Biotechnology Letters, 2002, 24, 455-458.	2.2	31
23	Surgical results of single-incision transumbilical laparoscopic Roux-en-Y gastric bypass. Surgery for Obesity and Related Diseases, 2012, 8, 201-207.	1.2	30
24	Optimization of medium composition for improving biomass production of Lactobacillus plantarum P106 using the Taguchi array design and the Box-Behnken method. Biotechnology and Bioprocess Engineering, 2012, 17, 827-834.	2.6	30
25	Search method for the optimal medium for the production of lactase by Kluyveromyces fragilis. Enzyme and Microbial Technology, 1992, 14, 659-664.	3.2	28
26	11 β -Hydroxylation of progesterone in biphasic media using alginate-entrapped Aspergillus ochraceus gel beads coated with polyurea. Enzyme and Microbial Technology, 1994, 16, 485-491.	3.2	27
27	A Novel Surgical Technique: Single-Incision Transumbilical Laparoscopic Roux-en-Y Gastric Bypass. Obesity Surgery, 2010, 20, 1429-1435.	2.1	27
28	Anti-Inflammatory Effects of Siegesbeckia orientalis Ethanol Extract in In Vitro and In Vivo Models. BioMed Research International, 2014, 2014, 1-10.	1.9	25
29	Associations among chronic kidney disease, high total p-cresylsulfate and major adverse cardiac events. Journal of Nephrology, 2013, 26, 111-118.	2.0	25
30	Siegesbeckia orientalis Extract Inhibits TGF β 1-Induced Migration and Invasion of Endometrial Cancer Cells. Molecules, 2016, 21, 1021.	3.8	23
31	Anti-Proliferative Effects of Siegesbeckia orientalis Ethanol Extract on Human Endometrial RL-95 Cancer Cells. Molecules, 2014, 19, 19980-19994.	3.8	22
32	Association between hippuric acid and left ventricular hypertrophy in maintenance hemodialysis patients. Clinica Chimica Acta, 2018, 484, 47-51.	1.1	22
33	Circulating adiponectin level is associated with major adverse cardiovascular events in type 2 diabetic patients with coronary artery disease. Endocrine Journal, 2010, 57, 793-802.	1.6	21
34	Antioxidant, anti-inflammatory, and anti-proliferative activities of extracts from different parts of farmed and wild Glossogyne tenuifolia. Industrial Crops and Products, 2014, 57, 98-105.	5.2	19
35	Increased Levels of Total <i>p</i>-Cresylsulfate Are Associated with Pruritus in Patients with Chronic Kidney Disease. Dermatology, 2016, 232, 363-370.	2.1	19
36	Optimizing Dynamic Multiresponse Problems Using the Dual-Response-Surface Method. Quality Engineering, 2002, 14, 115-125.	1.1	18

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37	Shift work is associated with metabolic syndrome in male steel workers-the role of resistin and WBC count-related metabolic derangements. <i>Diabetology and Metabolic Syndrome</i> , 2017, 9, 83.	2.7	18
38	Plasma visfatin levels are associated with major adverse cardiovascular events in patients with acute ST-elevation myocardial infarction. <i>Clinical and Investigative Medicine</i> , 2015, 38, 100.	0.6	18
39	Applying slow-release biocatalysis to the asymmetric reduction of ethyl 4-chloroacetoacetate. <i>Biotechnology Letters</i> , 2003, 25, 17-21.	2.2	17
40	Luteolin inhibits proliferation of human glioblastoma cells via induction of cell cycle arrest and apoptosis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2013, 44, 837-845.	5.3	17
41	Extraction of lignans from the seed of <i>Schisandra chinensis</i> by supercritical fluid extraction and subsequent separation by supercritical fluid simulated moving bed. <i>Journal of Supercritical Fluids</i> , 2015, 98, 17-24.	3.2	16
42	Performance of a continuous stirred tank reactor with immobilized denitrifiers and methanogens. <i>Water Environment Research</i> , 1997, 69, 233-239.	2.7	15
43	Increased Expression of Visfatin in Monocytes and Macrophages in Male Acute Myocardial Infarction Patients. <i>Mediators of Inflammation</i> , 2012, 2012, 1-7.	3.0	15
44	Inhibitory Effects of <i>Siegesbeckia orientalis</i> Extracts on Advanced Glycation End Product Formation and Key Enzymes Related to Metabolic Syndrome. <i>Molecules</i> , 2017, 22, 1785.	3.8	15
45	Mathematical modeling of asymmetric reduction of ethyl 4-chloro acetoacetate by baker's™ yeast. <i>Enzyme and Microbial Technology</i> , 2006, 38, 879-886.	3.2	14
46	<i>Bulnesia sarmientoi</i> Supercritical Fluid Extract Exhibits Necroptotic Effects and Anti-Metastatic Activity on Lung Cancer Cells. <i>Molecules</i> , 2018, 23, 3304.	3.8	13
47	11 β -hydroxylation of progesterone using modified alginate-immobilized cells. <i>Enzyme and Microbial Technology</i> , 1994, 16, 551-555.	3.2	12
48	Polymorphism of angiotensin I-converting enzyme gene is related to oral cancer and lymph node metastasis in male betel quid chewers. <i>Oral Oncology</i> , 2012, 48, 1257-1262.	1.5	12
49	Evaluation of a rapid quantitative determination method of PSA concentration with gold immunochromatographic strips. <i>BMC Urology</i> , 2015, 15, 109.	1.4	11
50	Elevated plasma level of neutrophil gelatinase-associated lipocalin (NGAL) in patients with breast cancer. <i>International Journal of Medical Sciences</i> , 2021, 18, 2689-2696.	2.5	11
51	Inhibitory activity on RANKL-mediated osteoclastogenesis of <i>Glossogyne tenuifolia</i> extract. <i>Journal of Functional Foods</i> , 2014, 6, 215-223.	3.4	10
52	Product inhibition of the enzymatic hydrolysis of lactose. <i>Enzyme and Microbial Technology</i> , 1985, 7, 510-514.	3.2	9
53	<i>Glossogyne tenuifolia</i> Attenuates Proliferation and Migration of Vascular Smooth Muscle Cells. <i>Molecules</i> , 2020, 25, 5832.	3.8	9
54	Apoptotic effects of bioactive fraction isolated from <i>Glossogyne tenuifolia</i> on A549 human lung cancer cells. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2011, 42, 556-562.	5.3	8

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55	Glossogyne tenuifolia (Hsiang-ju) extract suppresses T cell activation by inhibiting activation of c-Jun N-terminal kinase. Chinese Medicine, 2017, 12, 9.	4.0	6
56	Circulating secreted frizzled-related protein 5 and chronic kidney disease in patients with acute ST-segment elevation myocardial infarction. Cytokine, 2018, 110, 367-373.	3.2	6
57	Antrodia cinnamomea Extraction Waste Supplementation Promotes Thermal Stress Tolerance and Tissue Regeneration Ability of Zebrafish. Molecules, 2020, 25, 4213.	3.8	6
58	Elevated Plasma Adiponectin Levels Are Associated with Abnormal Corrected QT Interval in Patients with Stable Angina. International Heart Journal, 2020, 61, 29-38.	1.0	6
59	Lipase-catalysed kinetic resolution of ethyl D,L-2-amino-4-phenylbutyrate by hydrolysis. Biotechnology Letters, 1996, 10, 353.	0.5	5
60	Design of the pH Profile for Asymmetric Bioreduction of Ethyl 4-Chloro-3-oxobutyrate on the Basis of a Data-Driven Method. Biotechnology Progress, 2002, 18, 1414-1422.	2.6	4
61	Visfatin/pre-B cell colony-enhancing factor immunohistochemical overexpression in oral cancers. Journal of Applied Biomedicine, 2014, 12, 255-262.	1.7	4
62	Plasma fatty acid-binding protein 4 (FABP4) level is associated with abnormal QTc interval in patients with stable angina and chronic kidney disease. BMC Cardiovascular Disorders, 2019, 19, 153.	1.7	4
63	Association of plasma fatty acid-binding protein 3 with estimated glomerular filtration rate in patients with type 2 diabetes mellitus. International Journal of Medical Sciences, 2022, 19, 82-88.	2.5	4
64	Kinetic investigation on asymmetric bioreduction of ethyl 4-chloro acetoacetate catalyzed by baker's yeast in an organic solvent-water biphasic system. Korean Journal of Chemical Engineering, 2008, 25, 1427-1433.	2.7	3
65	Increased Toll-Like Receptor 2 Expression in Peptidoglycan-Treated Blood Monocytes Is Associated with Insulin Resistance in Patients with Nondiabetic Rheumatoid Arthritis. Mediators of Inflammation, 2012, 2012, 1-10.	3.0	3
66	Sequential design of pH profiles for asymmetric bioreduction of ethyl 4-chloro-3-oxobutyrate using a new experimental design method. Enzyme and Microbial Technology, 2006, 38, 689-696.	3.2	2
67	Effects of Abelmoschus manihot Flower Extract on Enhancing Sexual Arousal and Reproductive Performance in Zebrafish. Molecules, 2022, 27, 2218.	3.8	2
68	Glossogyne tenuifolia Extract Increases Nitric Oxide Production in Human Umbilical Vein Endothelial Cells. Pharmaceuticals, 2021, 14, 577.	3.8	1
69	Protective Effect of Siegesbeckia orientalis on Pancreatic β -Cells under High Glucose-Induced Glucotoxicity. Applied Sciences (Switzerland), 2021, 11, 10963.	2.5	1
70	Suppressive Effects of Siegesbeckia orientalis Ethanollic Extract on Proliferation and Migration of Hepatocellular Carcinoma Cells through Promoting Oxidative Stress, Apoptosis and Inflammatory Responses. Pharmaceuticals, 2022, 15, 826.	3.8	1
71	The Arrhythmogenic Effect of Protein-Bound Uremic Toxin -Cresylsulfate: An Study. Acta Cardiologica Sinica, 2019, 35, 641-648.	0.2	0