Jue-Liang Hsu

List of Publications by Year
in descending order

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77 papers	2,618 citations	236925 25 h-index	197818 49 g-index
80 all docs	80 docs citations	80 times ranked	3388 citing authors

#	Article	IF	Citations
1	Insight on Photocatalytic and Photoinduced Antimicrobial Properties of ZnO Thin Films Deposited by HiPIMS through Thermal Oxidation. Nanomaterials, 2022, 12, 463.	4.1	13
2	An exploration of angiotensin-converting enzyme (ACE) inhibitory peptides derived from gastrointestinal protease hydrolysate of milk using a modified bioassay-guided fractionation approach coupled with in silico analysis. Journal of Dairy Science, 2022, 105, 1913-1928.	3.4	10
3	The Effect of Hot Water Extract of Tilapia on Exercise Capacity in Mice. Applied Sciences (Switzerland), 2022, 12, 2601.	2.5	2
4	Bioactive Peptides: An Understanding from Current Screening Methodology. Processes, 2022, 10, 1114.	2.8	9
5	Mechanistic Insights into the Inhibitory Activities of Chemical Constituents from the Fruits of Terminalia boivinii on Î±â€Glucosidase. Chemistry and Biodiversity, 2022, 19, .	2.1	0
6	Characteristics of Food Protein-Derived Antidiabetic Bioactive Peptides: A Literature Update. International Journal of Molecular Sciences, 2021, 22, 9508.	4.1	19
7	Development and validation of mass spectrometry-based method for detecting shrimp allergen tropomyosin. LWT - Food Science and Technology, 2021, 152, 112367.	5.2	7
8	A Study on the Characteristic and Antibacterial Activity of Ti3Ox Thin Films. Catalysts, 2021, 11, 1416.	3.5	4
9	Antioxidant Activity from the Enzymatic Hydrolysates of Chlorella sorokiniana and Its Potential Peptides Identification in Combination with Molecular Docking Analysis. Turkish Journal of Fisheries and Aquatic Sciences, 2021, 22, .	0.9	1
10	Anti-hypertensive effects of Radix Rehmanniae and its active ingredients. Natural Product Research, 2020, 34, 1547-1552.	1.8	12
11	LC-MS Quantification of Site-Specific Phosphorylation Degree by Stable-Isotope Dimethyl Labeling Coupled with Phosphatase Dephosphorylation. Molecules, 2020, 25, 5316.	3.8	0
12	ACE Inhibitory Activity and Molecular Docking of Gac Seed Protein Hydrolysate Purified by HILIC and RP-HPLC. Molecules, 2020, 25, 4635.	3.8	13
13	Characterization of Novel Dipeptidyl Peptidase-IV Inhibitory Peptides from Soft-Shelled Turtle Yolk Hydrolysate Using Orthogonal Bioassay-Guided Fractionations Coupled with In Vitro and In Silico Study. Pharmaceuticals, 2020, 13, 308.	3.8	15
14	Identification of a novel umami peptide in tempeh (Indonesian fermented soybean) and its binding mechanism to the umami receptor T1R. Food Chemistry, 2020, 333, 127411.	8.2	40
15	Identification of a potent Angiotensin-I converting enzyme inhibitory peptide from Black cumin seed hydrolysate using orthogonal bioassay-guided fractionations coupled with in silico screening. Process Biochemistry, 2020, 95, 204-213.	3.7	22
16	Ultrasonication of Milky Stage Rice Milk with Bioactive Peptides from Rice Bran: Its Bioactivities and Absorption. Food and Bioprocess Technology, 2020, 13, 462-474.	4.7	19
17	An innovative cell model revealed the inhibitory effect of flavanone structure on peroxynitrite production through interaction with the IKKÎ² kinase domain at ATP binding site. Food Science and Nutrition, 2020, 8, 2904-2912.	3.4	0
18	Marine Organisms as Potential Sources of Bioactive Peptides that Inhibit the Activity of Angiotensin I-Converting Enzyme: A Review. Molecules, 2019, 24, 2541.	3.8	51

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19	Discovery and Study of Novel Antihypertensive Peptides Derived from Cassia obtusifolia Seeds. Journal of Agricultural and Food Chemistry, 2019, 67, 7810-7820.	5.2	45
20	Determination of Phenolic Compounds, Procyanidins, and Antioxidant Activity in Processed Coffea arabica L. Leaves. Foods, 2019, 8, 389.	4.3	46
21	IGF-1R Promotes Symmetric Self-Renewal and Migration of Alkaline Phosphatase+ Germ Stem Cells through HIF-2Î±-OCT4/CXCR4 Loop underÂHypoxia. Stem Cell Reports, 2018, 10, 524-537.	4.8	27
22	Screening of Angiotensin-I Converting Enzyme Inhibitory Peptides Derived from Caulerpa lentillifera. Molecules, 2018, 23, 3005.	3.8	30
23	Screening of angiotensin-I converting enzyme inhibitory peptides derived from soft-shelled turtle yolk using two orthogonal bioassay-guided fractionations. Journal of Functional Foods, 2017, 28, 36-47.	3.4	18
24	Antioxidant properties of porcine liver proteins hydrolyzed using Monascus purpureus. Food Science and Biotechnology, 2017, 26, 1217-1225.	2.6	25
25	Avian reovirus p17 and ÏƒA act cooperatively to downregulate Akt by suppressing mTORC2 and CDK2/cyclin A2 and upregulating proteasome PSMB6. Scientific Reports, 2017, 7, 5226.	3.3	24
26	Anti-Inflammatory Effects of Vitisinol A and Four Other Oligostilbenes from Ampelopsis brevipedunculata var. Hancei. Molecules, 2017, 22, 1195.	3.8	14
27	Gallic Acid Content in Taiwanese Teas at Different Degrees of Fermentation and Its Antioxidant Activity by Inhibiting PKCÎ´ Activation: In Vitro and in Silico Studies. Molecules, 2016, 21, 1346.	3.8	25
28	Stable isotope dimethyl labelling for quantitative proteomics and beyond. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150364.	3.4	32
29	Analysis of the immune response of human dendritic cells to Mycobacterium tuberculosis by quantitative proteomics. Proteome Science, 2016, 14, 5.	1.7	9
30	Ursolic Acid Suppresses Hepatitis B Virus X Protein-mediated Autophagy and Chemotherapeutic Drug Resistance. Anticancer Research, 2016, 36, 5097-5108.	1.1	12
31	Data in support of optimized production of angiotensin-I converting enzyme inhibitory peptides derived from proteolytic hydrolysate of bitter melon seed proteins. Data in Brief, 2015, 5, 403-407.	1.0	2
32	Recombinant production of biologically active giant grouper (Epinephelus lanceolatus) growth hormone from inclusion bodies of Escherichia coli by fed-batch culture. Protein Expression and Purification, 2015, 110, 79-88.	1.3	14
33	Screening and profiling stilbene-type natural products with angiotensin-converting enzyme inhibitory activity from Ampelopsis brevipedunculata var. hancei (Planch.) Rehder. Journal of Pharmaceutical and Biomedical Analysis, 2015, 108, 70-77.	2.8	15
34	Number of Hydroxyl Groups on the B-Ring of Flavonoids Affects Their Antioxidant Activity and Interaction with Phorbol Ester Binding Site of PKCÎ´ C1B Domain: In Vitro and in Silico Studies. Journal of Agricultural and Food Chemistry, 2015, 63, 4580-4586.	5.2	59
35	Screening, discovery, and characterization of angiotensin-I converting enzyme inhibitory peptides derived from proteolytic hydrolysate of bitter melon seed proteins. Journal of Proteomics, 2015, 128, 424-435.	2.4	72
36	Potentiation of Acute Promyelocytic Leukemia Cell Differentiation and Prevention of Leukemia Development in Mice by Oleanolic Acid. Anticancer Research, 2015, 35, 6583-90.	1.1	5

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37	Proteomic Study Reveals a Co-occurrence of Gallic Acid-Induced Apoptosis and Glycolysis in B16F10 Melanoma Cells. Journal of Agricultural and Food Chemistry, 2014, 62, 11672-11680.	5.2	21
38	Isolation and Characterization of a Novel Angiotensin-Converting Enzyme-Inhibitory Tripeptide from Enzymatic Hydrolysis of Soft-Shelled Turtle (Pelodiscus sinensis) Egg White: In Vitro, In Vivo, and In Silico Study. Journal of Agricultural and Food Chemistry, 2014, 62, 12178-12185.	5.2	26
39	A panel of tumor markers, calreticulin, annexin A2, and annexin A3 in upper tract urothelial carcinoma identified by proteomic and immunological analysis. BMC Cancer, 2014, 14, 363.	2.6	17
40	Suppression of apoptosis by pseudorabies virus Us3 protein kinase through the activation of PI3-K/Akt and NF-Î¹B pathways. Research in Veterinary Science, 2013, 95, 764-774.	1.9	31
41	A novel angiotensin converting enzyme inhibitory peptide derived from proteolytic digest of Chinese soft-shelled turtle egg white proteins. Journal of Proteomics, 2013, 94, 359-369.	2.4	65
42	Improved N^{Î±}-Acetylated Peptide Enrichment Following Dimethyl Labeling and SCX. Journal of Proteome Research, 2013, 12, 3277-3287.	3.7	24
43	The Antimicrobial Activities of Phenylbutyrates against <i>Helicobacter pylori</i>. Chemical and Pharmaceutical Bulletin, 2013, 61, 604-610.	1.3	4
44	Cucurbitane Triterpenoids from the Fruit Pulp of Momordica charantia and Their Cytotoxic Activity. Journal of the Chinese Chemical Society, 2013, 60, 526-530.	1.4	6
45	Isoobtusilactone A Sensitizes Human Hepatoma Hep G2 Cells to TRAIL-Induced Apoptosis via ROS and CHOP-Mediated Up-regulation of DR5. Journal of Agricultural and Food Chemistry, 2012, 60, 3533-3539.	5.2	23
46	Comparative phosphoproteomic analysis of microsomal fractions of Arabidopsis thaliana and Oryza sativa subjected to high salinity. Plant Science, 2012, 185-186, 131-142.	3.6	33
47	Purification and characterization of trypsin from the pyloric ceca of orange-spotted grouper, Epinephelus coioides. Fish Physiology and Biochemistry, 2012, 38, 837-848.	2.3	14
48	Magnetic bead-based hydrophilic interaction liquid chromatography for glycopeptide enrichments. Journal of Chromatography A, 2012, 1224, 70-78.	3.7	51
49	Suppression of Hepatitis B Virus X Protein-Mediated Tumorigenic Effects by Ursolic Acid. Journal of Agricultural and Food Chemistry, 2011, 59, 1713-1722.	5.2	35
50	Activation of p38 MAPK by damnacanthal mediates apoptosis in SKHep 1 cells through the DR5/TRAIL and TNFR1/TNF-Î± and p53 pathways. European Journal of Pharmacology, 2011, 650, 120-129.	3.5	40
51	Sterols from the Stems of Momordica charantia. Journal of the Chinese Chemical Society, 2011, 58, 893-898.	1.4	5
52	Avian reovirus S1133-induced DNA damage signaling and subsequent apoptosis in cultured cells and in chickens. Archives of Virology, 2011, 156, 1917-1929.	2.1	30
53	Sample preconcentration in microfluidic devices. Microfluidics and Nanofluidics, 2011, 10, 481-511.	2.2	103
54	An integrated microfluidic system for the determination of microalbuminuria by measuring the albumin-to-creatinine ratio. Microfluidics and Nanofluidics, 2011, 10, 1055-1067.	2.2	16

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55	Identification of low-abundance proteins via fractionation of the urine proteome with weak anion exchange chromatography. Proteome Science, 2011, 9, 17.	1.7	12
56	Simple and Specific Dual-Wavelength Excitable Dye Staining for Glycoprotein Detection in Polyacrylamide Gels and Its Application in Glycoproteomics. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-8.	3.0	5
57	Nucleophosmin in the pathogenesis of arsenic-related bladder carcinogenesis revealed by quantitative proteomics. Toxicology and Applied Pharmacology, 2010, 242, 126-135.	2.8	21
58	Mapping N-terminus phosphorylation sites and quantitation by stable isotope dimethyl labeling. Journal of the American Society for Mass Spectrometry, 2010, 21, 460-471.	2.8	11
59	Apoptosis induction in BEFV-infected Vero and MDBK cells through Src-dependent JNK activation regulates caspase-3 and mitochondria pathways. Veterinary Research, 2010, 41, 15.	3.0	11
60	Functional phosphoproteomic profiling of phosphorylation sites in membrane fractions of salt-stressed Arabidopsis thaliana. Proteome Science, 2009, 7, 42.	1.7	63
61	Fluorescein as a Versatile Tag for Enhanced Selectivity in Analyzing Cysteine-Containing Proteins/Peptides Using Mass Spectrometry. Analytical Chemistry, 2008, 80, 5251-5259.	6.5	19
62	Enhanced a1Fragmentation for Dimethylated Proteins and Its Applications for N-Terminal Identification and Comparative Protein Quantitation. Journal of Proteome Research, 2007, 6, 2376-2383.	3.7	20
63	Dimethyl Isotope-Coded Affinity Selection for the Analysis of Free and Blocked N-Termini of Proteins Using LCâ^'MS/MS. Analytical Chemistry, 2007, 79, 9520-9530.	6.5	48
64	Quantitation of protein phosphorylation in pregnant rat uteri using stable isotope dimethyl labeling coupled with IMAC. Proteomics, 2006, 6, 1722-1734.	2.2	52
65	Dimethyl multiplexed labeling combined with microcolumn separation and MS analysis for time course study in proteomics. Electrophoresis, 2006, 27, 3652-3660.	2.4	60
66	Two-step Immobilized Metal Affinity Chromatography (IMAC) for Phosphoproteomics Using Mass Spectrometry. Journal of the Chinese Chemical Society, 2005, 52, 765-772.	1.4	5
67	Recent Progress in Quantitative Proteomics Using Stable Isotope Labeling, Multidimensional Liquid Chromatography and Mass Spectrometry. Current Proteomics, 2005, 2, 287-302.	0.3	2
68	Beyond Quantitative Proteomics:Â Signal Enhancement of the a1Ion as a Mass Tag for Peptide Sequencing Using Dimethyl Labeling. Journal of Proteome Research, 2005, 4, 101-108.	3.7	109
69	A convenient method to extract matrix-assisted laser desorption/ionization mass spectrometry spectra from phosphate-containing peptide mixtures. Proteomics, 2004, 4, 1935-1938.	2.2	8
70	Photopolymerized microtips for sample preparation in proteomic analysis. Electrophoresis, 2004, 25, 3840-3847.	2.4	18
71	Stable-Isotope Dimethyl Labeling for Quantitative Proteomics. Analytical Chemistry, 2003, 75, 6843-6852.	6.5	677
72	Direct Oxidative Amidation of Aldoses by Iodine in Ammonia Water. Journal of the Chinese Chemical Society, 2003, 50, 129-133.	1.4	9

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73	Stereoselective Synthesis of Î´-Lactones from 5-Oxoalkanals via One-Pot Sequential Acetalization, Tishchenko Reaction, and Lactonization by Cooperative Catalysis of Samarium Ion and Mercaptan. Journal of Organic Chemistry, 2001, 66, 8573-8584.	3.2	69
74	Direct transformation of aldehydes to nitriles using iodine in ammonia water. Tetrahedron Letters, 2001, 42, 1103-1105.	1.4	108
75	Samarium diiodide-mediated asymmetric reactions of 8-phenylmenthyl esters. Tetrahedron Letters, 2000, 41, 4633-4636.	1.4	13
76	Cooperative Catalysis of Samarium Diiodide and Mercaptan in a Stereoselective One-Pot Transformation of 5-Oxopentanals into Î´-Lactones. Organic Letters, 1999, 1, 1989-1991.	4.6	17
77	Preparation of Chiral Phosphorus(V) Reagents and Their Uses with Borane in the Enantioselective Reduction of Ketones. Journal of the Chinese Chemical Society, 1999, 46, 797-810.	1.4	6