

Amitha K Hewavitharana

List of Publications by Year in descending order

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71
papers

1,837
citations

279487

23
h-index

288905

40
g-index

71
all docs

71
docs citations

71
times ranked

2745
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix matching in liquid chromatography–mass spectrometry with stable isotope labelled internal standards—Is it necessary?. <i>Journal of Chromatography A</i> , 2011, 1218, 359-361.	1.8	154
2	Discovery of a New Source of Rifamycin Antibiotics in Marine Sponge Actinobacteria by Phylogenetic Prediction. <i>Applied and Environmental Microbiology</i> , 2006, 72, 2118-2125.	1.4	128
3	Anticancer activity of <i>Carica papaya</i> : A review. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 153-164.	1.5	82
4	Anti-inflammatory and immunomodulatory properties of <i>Carica papaya</i> . <i>Journal of Immunotoxicology</i> , 2016, 13, 590-602.	0.9	75
5	Fourier Transform Infrared Spectrometric Method for the Rapid Determination of Casein in Raw Milk. <i>Analyst</i> , 1997, 122, 701-704.	1.7	74
6	Breastmilk-Saliva Interactions Boost Innate Immunity by Regulating the Oral Microbiome in Early Infancy. <i>PLoS ONE</i> , 2015, 10, e0135047.	1.1	70
7	Simultaneous determination of Vitamin E homologs in chicken meat by liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , 2004, 1025, 313-317.	1.8	69
8	Monitoring potential prostate cancer biomarkers in urine by capillary electrophoresis–tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1267, 162-169.	1.8	55
9	Mango Extracts and the Mango Component Mangiferin Promote Endothelial Cell Migration. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 5181-5186.	2.4	52
10	LC-MS-Based Metabolomics Study of Marine Bacterial Secondary Metabolite and Antibiotic Production in <i>Salinispora arenicola</i> . <i>Marine Drugs</i> , 2015, 13, 249-266.	2.2	45
11	Disruption of NaS1 sulfate transport function in mice leads to enhanced acetaminophen-induced hepatotoxicity. <i>Hepatology</i> , 2006, 43, 1241-1247.	3.6	44
12	Development of an HPLC–MS/MS method for the selective determination of paracetamol metabolites in mouse urine. <i>Analytical Biochemistry</i> , 2008, 374, 106-111.	1.1	43
13	Simultaneous liquid chromatographic determination of vitamins A, E and β -carotene in common dairy foods. <i>International Dairy Journal</i> , 1996, 6, 613-624.	1.5	39
14	Quantitative GC-MS Analysis of δ^9 -Tetrahydrocannabinol in Fiber Hemp Varieties. <i>Journal of Analytical Toxicology</i> , 2005, 29, 258-261.	1.7	37
15	Simultaneous quantitative analysis of eight vitamin D analogues in milk using liquid chromatography–tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 891, 211-220.	2.6	37
16	Chemical Characterization and in Vitro Cytotoxicity on Squamous Cell Carcinoma Cells of <i>Carica Papaya</i> Leaf Extracts. <i>Toxins</i> , 2016, 8, 7.	1.5	37
17	Simultaneous determination of 12 vitamin D compounds in human serum using online sample preparation and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1533, 57-65.	1.8	37
18	Selective anti-proliferative activities of <i>Carica papaya</i> leaf juice extracts against prostate cancer. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 515-523.	2.5	36

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19	The Simultaneous Analysis of Eight Essential Trace Elements in Human Milk by ICP-MS. <i>Food Analytical Methods</i> , 2016, 9, 2068-2075.	1.3	35
20	Discovering the Recondite Secondary Metabolome Spectrum of <i>Salinispora</i> Species: A Study of Inter-Species Diversity. <i>PLoS ONE</i> , 2014, 9, e91488.	1.1	33
21	Traditional Aboriginal Preparation Alters the Chemical Profile of <i>Carica papaya</i> Leaves and Impacts on Cytotoxicity towards Human Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2016, 11, e0147956.	1.1	31
22	Determination of four sulfated vitamin D compounds in human biological fluids by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1009-1010, 80-86.	1.2	30
23	Standard addition with internal standardisation as an alternative to using stable isotope labelled internal standards to correct for matrix effects-Comparison and validation using liquid chromatography-tandem mass spectrometric assay of vitamin D. <i>Journal of Chromatography A</i> , 2018, 1553, 101-107.	1.8	28
24	Simultaneous determination of creatinine and pseudouridine concentrations in bovine plasma by reversed-phase liquid chromatography with photodiode array detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 784, 275-281.	1.2	23
25	Effect of dietary tocopherols and tocotrienols on the antioxidant status and lipid stability of chicken. <i>Meat Science</i> , 2004, 68, 155-162.	2.7	23
26	Development and validation of a reversed-phase high-performance liquid chromatographic method for quantification of peptide dendrimers in human skin permeation experiments. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3556-3562.	1.2	22
27	Bioactivity of Mango Flesh and Peel Extracts on Peroxisome Proliferator-Activated Receptor γ [PPAR γ] Activation and MCF-7 Cell Proliferation: Fraction and Fruit Variability. <i>Journal of Food Science</i> , 2011, 76, H11-8.	1.5	21
28	Production of <i>N</i> -acyl homoserine lactones by the sponge-associated marine actinobacteria <i>Salinispora arenicola</i> and <i>Salinispora pacifica</i> . <i>FEMS Microbiology Letters</i> , 2017, 364, fnx002.	0.7	21
29	Diversity of <i>Mycobacterium</i> species from marine sponges and their sensitivity to antagonism by sponge-derived rifamycin-synthesizing actinobacterium in the genus <i>Salinispora</i> . <i>FEMS Microbiology Letters</i> , 2010, 313, 33-40.	0.7	20
30	Re: Florian Jentzmik, Carsten Stephan, Kurt Miller, et al. Sarcosine in Urine After Digital Rectal Examination Fails as a Marker in Prostate Cancer Detection and Identification of Aggressive Tumours. <i>Eur Urol</i> 2010;58:12-8. <i>European Urology</i> , 2010, 58, e39-e40.	0.9	19
31	Effects of salinity on antibiotic production in sponge-derived <i>Salinispora</i> actinobacteria. <i>Journal of Applied Microbiology</i> , 2014, 117, 109-125.	1.4	19
32	Between fruit variability of the bioactive compounds, β -carotene and mangiferin, in mango (<i>Mangifera indica</i>). <i>Nutrition and Dietetics</i> , 2013, 70, 158-163.	0.9	18
33	Saponins from <i>Quillaja saponaria</i> Molina: Isolation, Characterization and Ability to Form Immuno Stimulatory Complexes (ISCOMs). <i>Current Drug Delivery</i> , 2006, 3, 389-397.	0.8	17
34	Internal Standard-Friend or Foe?. <i>Critical Reviews in Analytical Chemistry</i> , 2009, 39, 272-275.	1.8	17
35	Effect of solvent and electrospray mass spectrometer parameters on the charge state distribution of peptides - a case study using liquid chromatography/mass spectrometry method development for beta-endorphin assay. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3510-3514.	0.7	17
36	Recent trends in the determination of vitamin D. <i>Bioanalysis</i> , 2013, 5, 3063-3078.	0.6	17

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37	The effect of pasteurization on trace elements in donor breast milk. <i>Journal of Perinatology</i> , 2016, 36, 897-900.	0.9	17
38	Simultaneous quantitative analysis of nine vitamin D compounds in human blood using LC-MS/MS. <i>Bioanalysis</i> , 2016, 8, 397-411.	0.6	17
39	Method for the extraction of riboflavin for high-performance liquid chromatography and application to casein. <i>Analyst</i> , 1996, 121, 1671.	1.7	16
40	A sensitive, high-throughput fluorescent method for the determination of lactoperoxidase activities in milk and comparison in human, bovine, goat and camel milk. <i>Food Chemistry</i> , 2021, 339, 128090.	4.2	16
41	A novel, quorum sensor-infused liposomal drug delivery system suppresses <i>Candida albicans</i> biofilms. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119096.	2.6	15
42	Screening of rifamycin producing marine sponge bacteria by LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 852, 362-366.	1.2	14
43	Developmental cycle and pharmaceutically relevant compounds of <i>Salinispora actinobacteria</i> isolated from Great Barrier Reef marine sponges. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 3097-3108.	1.7	13
44	Effect of pasteurisation on the concentrations of vitamin D compounds in donor breastmilk. <i>International Journal of Food Sciences and Nutrition</i> , 2016, 67, 16-19.	1.3	13
45	A sensitive and high-throughput fluorescent method for determination of oxidase activities in human, bovine, goat and camel milk. <i>Food Chemistry</i> , 2021, 336, 127689.	4.2	13
46	Effect of ionization suppression by trace impurities in mobile phase water on the accuracy of quantification by high-performance liquid chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1502-1506.	0.7	11
47	The efficacy of Dynorphin fragments at the μ , δ and κ opioid receptor in transfected HEK cells and in an animal model of unilateral peripheral inflammation. <i>Peptides</i> , 2017, 89, 9-16.	1.2	11
48	Dynorphin A 1-17 biotransformation in inflamed tissue, serum and trypsin solution analysed by liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 3111-3121.	1.9	10
49	Study of beta endorphin metabolism in inflamed tissue, serum and trypsin solution by liquid chromatography-tandem mass spectrometric analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2089-2100.	1.9	10
50	Beta-Endorphin 1-31 Biotransformation and cAMP Modulation in Inflammation. <i>PLoS ONE</i> , 2014, 9, e90380.	1.1	10
51	Two Peptides, Cycloaspeptide A and Nazumamide A from a Sponge Associated Marine Actinobacterium <i>Salinispora</i> sp. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.2	10
52	Bio-Guided Fractionation of Papaya Leaf Juice for Delineating the Components Responsible for the Selective Anti-proliferative Effects on Prostate Cancer Cells. <i>Frontiers in Pharmacology</i> , 2018, 9, 1319.	1.6	10
53	Current status of Vitamin D assays: are they reliable and sufficiently informative for clinical studies?. <i>Bioanalysis</i> , 2013, 5, 1325-1327.	0.6	9
54	Review of Procedures Used for the Extraction of Anti-Cancer Compounds from Tropical Plants. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015, 15, 314-326.	0.9	9

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55	Reversed-phase chromatographic separation of highly charged inorganic cations and anions using ion interaction reagents and competing ions. <i>Analytical Chemistry</i> , 1988, 60, 797-801.	3.2	8
56	Simple solutions to problems encountered in quantitative analysis of tocopherols and tocotrienols using silica columns. <i>Analytical Biochemistry</i> , 2003, 313, 342-344.	1.1	8
57	Bacterial production of the fungusâ€derived cholesterolâ€lowering agent mevinolin. <i>Biomedical Chromatography</i> , 2014, 28, 1163-1166.	0.8	8
58	Biotransformation of beta-endorphin and possible therapeutic implications. <i>Frontiers in Pharmacology</i> , 2014, 5, 18.	1.6	8
59	Enhancing the ratio of molecular ions to non-covalent compounds in the electrospray interface of LC-MS in quantitative analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 1055-1059.	1.9	7
60	Two peptides, cycloaspeptide A and nazumamide A from a sponge associated marine actinobacterium <i>Salinispora</i> sp. <i>Natural Product Communications</i> , 2014, 9, 545-6.	0.2	7
61	An ion-exchange/atomic absorption method for the measurement of ionized calcium and magnesium at micromolar concentrations. <i>Canadian Journal of Chemistry</i> , 1993, 71, 17-20.	0.6	5
62	Shortcomings of protein removal prior to high performance liquid chromatographic analysisâ€”A case study using method development for BAY 11-7082. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 834, 93-97.	1.2	5
63	Hydrophilic Interaction Liquid Chromatography-Tandem Mass Spectrometric Determination of Creatinine in Human Urine. <i>Analytical Letters</i> , 2014, 47, 689-696.	1.0	5
64	Simultaneous Quantification of 17 Cannabinoids in Cannabis Inflorescence by Liquid Chromatography-Mass Spectrometry. <i>Separations</i> , 2022, 9, 85.	1.1	5
65	Chromatographic Problems Related to Mobile Phase Degassing and Fluorescence Detection. <i>Journal of Chromatographic Science</i> , 1997, 35, 545-548.	0.7	4
66	Creatinine and pseudouridine in plasma and urine from Brahman-cross steers fed a low, medium or high plane of nutrition. <i>Livestock Science</i> , 2008, 119, 95-101.	0.6	4
67	TO INVESTIGATE THE EFFECT OF THE PASTEURISATION PROCESS ON TRACE ELEMENTS IN DONOR BREAST MILK. <i>Archives of Disease in Childhood</i> , 2016, 101, e2.20-e2.	1.0	4
68	Simultaneous Liquid Chromatographic Determination of Creatinine and Pseudouridine in Bovine Urine and the Effect of Sample pH on the Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4861-4865.	2.4	3
69	EFFECT OF PASTEURISATION ON THE CONCENTRATIONS OF VITAMIN D COMPOUNDS IN DONOR BREAST MILK. <i>Archives of Disease in Childhood</i> , 2016, 101, e2.19-e2.	1.0	3
70	Separation of highly charged compounds using competing ions with hydrophilic interaction liquid chromatography â€” Application to assay of cellular nucleotides. <i>Journal of Chromatography A</i> , 2018, 1567, 233-238.	1.8	3
71	An ion exchange atomic absorption method for the determination of ionized calcium at millimolar levels. <i>Canadian Journal of Chemistry</i> , 1991, 69, 1976-1979.	0.6	1