

Renu Pandey

List of Publications by Year in descending order

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27
papers

729
citations

567281

15
h-index

552781

26
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28
all docs

28
docs citations

28
times ranked

1290
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized metabolite extraction from blood serum for 1H nuclear magnetic resonance spectroscopy. <i>Analytical Biochemistry</i> , 2008, 377, 16-23.	2.4	164
2	Metabolomic signature of brain cancer. <i>Molecular Carcinogenesis</i> , 2017, 56, 2355-2371.	2.7	86
3	The RNA-binding protein SERBP1 functions as a novel oncogenic factor in glioblastoma by bridging cancer metabolism and epigenetic regulation. <i>Genome Biology</i> , 2020, 21, 195.	8.8	55
4	HPLC-QTOF-MS/MS-based rapid screening of phenolics and triterpenic acids in leaf extracts of <i>Ocimum</i> species and their interspecies variation. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2016, 39, 225-238.	1.0	49
5	Development and validation of an ultra high performance liquid chromatography electrospray ionization tandem mass spectrometry method for the simultaneous determination of selected flavonoids in <i>Ginkgo biloba</i> . <i>Journal of Separation Science</i> , 2014, 37, 3610-3618.	2.5	30
6	Simultaneous quantitative determination of multiple bioactive markers in <i>Ocimum sanctum</i> obtained from different locations and its marketed herbal formulations using UPLC-ESI-MS/MS combined with principal component analysis. <i>Phytochemical Analysis</i> , 2015, 26, 383-394.	2.4	27
7	Enzyme-mediated depletion of serum α -Met abrogates prostate cancer growth via multiple mechanisms without evidence of systemic toxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13000-13011.	7.1	27
8	Rapid screening and quantitative determination of bioactive compounds from fruit extracts of <i>Myristica</i> species and their in vitro antiproliferative activity. <i>Food Chemistry</i> , 2016, 211, 483-493.	8.2	26
9	Inhibition of mitochondrial complex I reverses NOTCH1-driven metabolic reprogramming in T-cell acute lymphoblastic leukemia. <i>Nature Communications</i> , 2022, 13, 2801.	12.8	25
10	Highly sensitive and selective determination of redox states of coenzymes Q9 and Q10 in mice tissues: Application of orbitrap mass spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1011, 68-76.	5.4	23
11	Simultaneous determination of multi-class bioactive constituents for quality assessment of <i>Garcinia</i> species using UHPLC-QqQ LIT-MS/MS. <i>Industrial Crops and Products</i> , 2015, 77, 861-872.	5.2	21
12	A strategy to access fused triazoloquinoline and related nucleoside analogues. <i>Tetrahedron</i> , 2013, 69, 8547-8558.	1.9	20
13	Identification of a synergistic combination of dimethylaminoparthenolide and shikonin alters metabolism and inhibits proliferation of pediatric precursor B cell acute lymphoblastic leukemia. <i>Molecular Carcinogenesis</i> , 2020, 59, 399-411.	2.7	19
14	Characteristic differences in metabolite profile in male and female plants of dioecious <i>Piper betle</i> L.. <i>Journal of Biosciences</i> , 2012, 37, 1061-1066.	1.1	18
15	Novel Strategy for Untargeted Chiral Metabolomics using Liquid Chromatography-High Resolution Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 5805-5814.	6.5	17
16	Ultra high performance liquid chromatography tandem mass spectrometry method for the simultaneous determination of multiple bioactive constituents in fruit extracts of <i>Myristica fragrans</i> and its marketed polyherbal formulations using a polarity switching technique. <i>Journal of Separation Science</i> , 2015, 38, 1277-1285.	2.5	16
17	Quantification of multianalyte by UPLC-QqQLIT-MS/MS and in-vitro anti-proliferative screening in <i>Cassia</i> species. <i>Industrial Crops and Products</i> , 2015, 76, 1133-1141.	5.2	16
18	Major bioactive phenolics in <i>Bergenia</i> species from the Indian Himalayan region: Method development, validation and quantitative estimation using UHPLC-QqQLIT-MS/MS. <i>PLoS ONE</i> , 2017, 12, e0180950.	2.5	16

#	ARTICLE	IF	CITATIONS
19	Quantitative determination of chemical constituents of Piper spp. using UPLC-ESI-MS/MS. Industrial Crops and Products, 2015, 76, 967-976.	5.2	13
20	A rapid analytical method for characterization and simultaneous quantitative determination of phytoconstituents in Piper betle landraces using UPLC-ESI-MS/MS. Analytical Methods, 2014, 6, 7349.	2.7	11
21	Rapid quantitative analysis of multi-components in Andrographis paniculata using UPLC-QqQLIT-MS/MS: Application to soil sodicity and organic farming. Industrial Crops and Products, 2016, 83, 423-430.	5.2	9
22	A rapid and highly sensitive method for simultaneous determination of bioactive constituents in leaf extracts of six Ocimum species using ultra high performance liquid chromatography-hybrid linear ion trap triple quadrupole mass spectrometry. Analytical Methods, 2016, 8, 333-341.	2.7	9
23	Quality control assessment of polyherbal formulation based on a quantitative determination multimarker approach by ultra high performance liquid chromatography with tandem mass spectrometry using polarity switching combined with multivariate analysis. Journal of Separation Science, 2015, 38, 3183-3191.	2.5	8
24	Bioguided chemical characterization of the antiproliferative fraction of edible pseudo bulbs of Malaxis acuminata D. Don by HPLC-ESI-QTOF-MS. Medicinal Chemistry Research, 2017, 26, 3307-3314.	2.4	8
25	Stable Isotope Dilution LC-HRMS Assay To Determine Free SN-38, Total SN-38, and SN-38G in a Tumor Xenograft Model after Intravenous Administration of Antibody-Drug Conjugate (Sacituzumab) Tj ETQq1 1 0.784314 rgBT \$Overloc	1.4	1
26	Mitochondrial Complex I Inhibitor Iacs-010759 Reverses the NOTCH1-Driven Metabolic Reprogramming in T-ALL Via Blockade of Oxidative Phosphorylation: Synergy with Chemotherapy and Glutaminase Inhibition. Blood, 2018, 132, 4020-4020.	1.4	7
27	Glutaminase Inhibition Overcomes Acquired Resistance to Mitochondrial Complex I in NOTCH1-Driven T-Cell Acute Lymphoblastic Leukemias (T-ALL) Via Block of Glutamine Driven Reductive Metabolism. Blood, 2019, 134, 806-806.	1.4	1