Renu Pandey

List of Publications by Citations

27 papers	489 citations	12 h-index	22 g-index
28 ext. papers	617 ext. citations	5.5 avg, IF	3.64 L-index

#	Paper	IF	Citations
27	Optimized metabolite extraction from blood serum for 1H nuclear magnetic resonance spectroscopy. *Analytical Biochemistry*, **2008**, 377, 16-23	3.1	144
26	Metabolomic signature of brain cancer. *Molecular Carcinogenesis*, **2017**, 56, 2355-2371	5	55
25	HPLC–QTOF–MS/MS-based rapid screening of phenolics and triterpenic acids in leaf extracts of Ocimum species and their interspecies variation. *Journal of Liquid Chromatography and Related Technologies*, **2016**, 39, 225-238	1.3	31
24	Development and validation of an ultra high performance liquid chromatography electrospray ionization tandem mass spectrometry method for the simultaneous determination of selected flavonoids in Ginkgo biloba. *Journal of Separation Science*, **2014**, 37, 3610-8	3.4	24
23	The RNA-binding protein SERBP1 functions as a novel oncogenic factor in glioblastoma by bridging cancer metabolism and epigenetic regulation. *Genome Biology*, **2020**, 21, 195	18.3	23
22	Simultaneous quantitative determination of multiple bioactive markers in Ocimum sanctum obtained from different locations and its marketed herbal formulations using UPLC-ESI-MS/MS combined with principal component analysis. *Phytochemical Analysis*, **2015**, 26, 383-94	3.4	21
21	Rapid screening and quantitative determination of bioactive compounds from fruit extracts of Myristica species and their in vitro antiproliferative activity. *Food Chemistry*, **2016**, 211, 483-93	8.5	20
20	A strategy to access fused triazoloquinoline and related nucleoside analogues. *Tetrahedron*, **2013**, 69, 8547-8558	2.4	17
19	Characteristic differences in metabolite profile in male and female plants of dioecious Piper betle L. *Journal of Biosciences*, **2012**, 37, 1061-6	2.3	16
18	Highly sensitive and selective determination of redox states of coenzymes Q and Q in mice tissues: Application of orbitrap mass spectrometry. *Analytica Chimica Acta*, **2018**, 1011, 68-76	6.6	15
17	Ultra high performance liquid chromatography tandem mass spectrometry method for the simultaneous determination of multiple bioactive constituents in fruit extracts of Myristica fragrans and its marketed polyherbal formulations using a polarity switching technique. *Journal of Separation Science*, **2015**, 38, 1277-85	3.4	14
16	Identification of a synergistic combination of dimethylaminoparthenolide and shikonin alters metabolism and inhibits proliferation of pediatric precursor-B cell acute lymphoblastic leukemia. *Molecular Carcinogenesis*, **2020**, 59, 399-411	5	13
15	Simultaneous determination of multi-class bioactive constituents for quality assessment of Garcinia species using UHPLC–qQ LIT–MS/MS. *Industrial Crops and Products*, **2015**, 77, 861-872	5.9	12
14	Enzyme-mediated depletion of serum l-Met abrogates prostate cancer growth via multiple mechanisms without evidence of systemic toxicity. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 13000-13011	11.5	12
13	Quantification of multianalyte by UPLC–qQLIT–MS/MS and in-vitro anti-proliferative screening in Cassia species. *Industrial Crops and Products*, **2015**, 76, 1133-1141	5.9	10
12	Quantitative determination of chemical constituents of Piper spp. using UPLC–ESI–MS/MS. *Industrial Crops and Products*, **2015**, 76, 967-976	5.9	10
11	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	3.2	10

List of Publications

10	Major bioactive phenolics in Bergenia species from the Indian Himalayan region: Method development, validation and quantitative estimation using UHPLC-QqQLIT-MS/MS. *PLoS ONE*, **2017**, 12, e0180950	3.7	10
9	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	5.9	6
8	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	3.2	6
7	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	3.4	6
6	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	2.2	5
5	Novel Strategy for Untargeted Chiral Metabolomics using Liquid Chromatography-High Resolution Tandem Mass Spectrometry. *Analytical Chemistry*, **2021**, 93, 5805-5814	7.8	5
4	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	2.2	2
3	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 Govitecan). *Analytical Chemistry*, **2020**, 92, 1260-1267	7.8	1
2	Inhibition of mitochondrial complex I reverses NOTCH1-driven metabolic reprogramming in T-cell acute lymphoblastic leukemia.. *Nature Communications*, **2022**, 13, 2801	17.4	1
1	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	2.2	0