

# Renu Pandey

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Inhibition of mitochondrial complex I reverses NOTCH1-driven metabolic reprogramming in T-cell acute lymphoblastic leukemia.. <i>Nature Communications</i> , <b>2022</b> , 13, 2801	17.4	1
26	Novel Strategy for Untargeted Chiral Metabolomics using Liquid Chromatography-High Resolution Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 5805-5814	7.8	5
25	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> , <b>2020</b> , 59, 399-411	5	13
24	Enzyme-mediated depletion of serum l-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> , <b>2020</b> , 117, 13000-13011	11.5	12
23	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). <i>Analytical Chemistry</i> , <b>2020</b> , 92, 1260-1267	7.8	1
22	The RNA-binding protein SERBP1 functions as a novel oncogenic factor in glioblastoma by bridging cancer metabolism and epigenetic regulation. <i>Genome Biology</i> , <b>2020</b> , 21, 195	18.3	23
21	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. <i>Blood</i> , <b>2019</b> , 134, 806-806	2.2	0
20	Highly sensitive and selective determination of redox states of coenzymes Q and Q in mice tissues: Application of orbitrap mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1011, 68-76	6.6	15
19	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. <i>Blood</i> , <b>2018</b> , 132, 4020-4020	2.2	2
18	Metabolomic signature of brain cancer. <i>Molecular Carcinogenesis</i> , <b>2017</b> , 56, 2355-2371	5	55
17	Bioguided chemical characterization of the antiproliferative fraction of edible pseudo bulbs of <i>Malaxis acuminata</i> D. Don by HPLC-ESI-QTOF-MS. <i>Medicinal Chemistry Research</i> , <b>2017</b> , 26, 3307-3314	2.2	5
16	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> , <b>2017</b> , 12, e0180950	3.7	10
15	Rapid quantitative analysis of multi-components in <i>Andrographis paniculata</i> using UPLC-QqQLIT-MS/MS: Application to soil sodicity and organic farming. <i>Industrial Crops and Products</i> , <b>2016</b> , 83, 423-430	5.9	6
14	A rapid and highly sensitive method for simultaneous determination of bioactive constituents in leaf extracts of six <i>Ocimum</i> species using ultra high performance liquid chromatography-hybrid linear ion trap triple quadrupole mass spectrometry. <i>Analytical Methods</i> , <b>2016</b> , 8, 333-341	3.2	6
13	HPLC-QTOFMS/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> , <b>2016</b> , 39, 225-238	1.3	31
12	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> , <b>2016</b> , 211, 483-93	8.5	20
11	Simultaneous determination of multi-class bioactive constituents for quality assessment of <i>Garcinia</i> species using UHPLC-QqQLIT MS/MS. <i>Industrial Crops and Products</i> , <b>2015</b> , 77, 861-872	5.9	12

10	Quantification of multianalyte by UPLC-QqLTMS/MS and in-vitro anti-proliferative screening in Cassia species. <i>Industrial Crops and Products</i> , <b>2015</b> , 76, 1133-1141	5.9	10
9	Quantitative determination of chemical constituents of Piper spp. using UPLC-ESI/MS. <i>Industrial Crops and Products</i> , <b>2015</b> , 76, 967-976	5.9	10
8	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. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 3183-3191	3.4	6
7	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. <i>Phytochemical Analysis</i> , <b>2015</b> , 26, 383-94	3.4	21
6	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. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 1277-85	3.4	14
5	A rapid analytical method for characterization and simultaneous quantitative determination of phytoconstituents in Piper betle landraces using UPLC-ESI-MS/MS. <i>Analytical Methods</i> , <b>2014</b> , 6, 7349	3.2	10
4	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. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 3610-8	3.4	24
3	A strategy to access fused triazoloquinoline and related nucleoside analogues. <i>Tetrahedron</i> , <b>2013</b> , 69, 8547-8558	2.4	17
2	Characteristic differences in metabolite profile in male and female plants of dioecious Piper betle L. <i>Journal of Biosciences</i> , <b>2012</b> , 37, 1061-6	2.3	16
1	Optimized metabolite extraction from blood serum for <sup>1</sup> H nuclear magnetic resonance spectroscopy. <i>Analytical Biochemistry</i> , <b>2008</b> , 377, 16-23	3.1	144