

# Richa Batra

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

556  
citations

623188

14  
h-index

752256

20  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1113  
citing authors

#	ARTICLE	IF	CITATIONS
1	KeyPathwayMiner 4.0: condition-specific pathway analysis by combining multiple omics studies and networks with Cytoscape. <i>BMC Systems Biology</i> , 2014, 8, 99.	3.0	59
2	Classification of Breast Cancer Subtypes by combining Gene Expression and DNA Methylation Data. <i>Journal of Integrative Bioinformatics</i> , 2014, 11, 1-14.	1.0	52
3	5-azacytidine inhibits nonsense-mediated decay in a MYC-dependent fashion. <i>EMBO Molecular Medicine</i> , 2014, 6, 1593-1609.	3.3	51
4	On the performance of de novo pathway enrichment. <i>Npj Systems Biology and Applications</i> , 2017, 3, 6.	1.4	51
5	Cytokine profiling of tumor interstitial fluid of the breast and its relationship with lymphocyte infiltration and clinicopathological characteristics. <i>Oncotarget</i> , 2016, 5, e1248015.	2.1	48
6	De novo pathway-based biomarker identification. <i>Nucleic Acids Research</i> , 2017, 45, e151-e151.	6.5	48
7	Toll-like receptor 7/8 agonists stimulate plasmacytoid dendritic cells to initiate TH17-deviated acute contact dermatitis in human subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1320-1333.e11.	1.5	44
8	Maternal whole blood cell miRNA-340 is elevated in gestational diabetes and inversely regulated by glucose and insulin. <i>Scientific Reports</i> , 2018, 8, 1366.	1.6	38
9	Classification of breast cancer subtypes by combining gene expression and DNA methylation data. <i>Journal of Integrative Bioinformatics</i> , 2014, 11, 236.	1.0	23
10	MYCN-mediated overexpression of mitotic spindle regulatory genes and loss of p53-p21 function jointly support the survival of tetraploid neuroblastoma cells. <i>Cancer Letters</i> , 2013, 331, 35-45.	3.2	21
11	Angiotensin 2 Is Associated with Vascular Necroptosis Induction in Coronavirus Disease 2019 Acute Respiratory Distress Syndrome. <i>American Journal of Pathology</i> , 2022, 192, 1001-1015.	1.9	19
12	maplet: an extensible R toolbox for modular and reproducible metabolomics pipelines. <i>Bioinformatics</i> , 2022, 38, 1168-1170.	1.8	18
13	Time-Lapse Imaging of Neuroblastoma Cells to Determine Cell Fate upon Gene Knockdown. <i>PLoS ONE</i> , 2012, 7, e50988.	1.1	17
14	Elucidation of epithelial-mesenchymal transition-related pathways in a triple-negative breast cancer cell line model by multi-omics interactome analysis. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 1058-1068.	0.6	17
15	Large-scale tracking and classification for automatic analysis of cell migration and proliferation, and experimental optimization of high-throughput screens of neuroblastoma cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 524-540.	1.1	15
16	Elucidation of Altered Pathways in Tumor-Initiating Cells of Triple-Negative Breast Cancer: A Useful Cell Model System for Drug Screening. <i>Stem Cells</i> , 2017, 35, 1898-1912.	1.4	13
17	Is the humoral immunity dispensable for the pathogenesis of psoriasis?. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2019, 33, 115-122.	1.3	10
18	De Novo Pathway-Based Classification of Breast Cancer Subtypes. <i>Methods in Molecular Biology</i> , 2020, 2074, 201-213.	0.4	2

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19	CD23 Levels on B Cells Determine Long-Term Therapeutic Response in Patients with Atopic Eczema Treated with Selective IgE Immune Apheresis. <i>Journal of Investigative Dermatology</i> , 2021, 141, 681-685.e6.	0.3	1
20	The metabolic landscape of brain alterations in Alzheimer's disease.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e054793.	0.4	1
21	Cell Tracking for Automatic Migration and Proliferation Analysis in High-Throughput Screens. <i>Informatik Aktuell</i> , 2012, , 243-248.	0.4	0
22	Mapping the human brain metabolome and influences of gut microbiome. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0