

Aditi Chatterjee

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

3,766
citations

236925

25
h-index

133252

59
g-index

76
all docs

76
docs citations

76
times ranked

7531
citing authors

#	ARTICLE	IF	CITATIONS
1	A draft map of the human proteome. <i>Nature</i> , 2014, 509, 575-581.	27.8	1,948
2	Frequency and phenotypic implications of mitochondrial DNA mutations in human squamous cell cancers of the head and neck. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7540-7545.	7.1	175
3	Calcium calmodulin dependent kinase kinase 2 - a novel therapeutic target for gastric adenocarcinoma. <i>Cancer Biology and Therapy</i> , 2015, 16, 336-345.	3.4	71
4	Comprehensive network map of interferon gamma signaling. <i>Journal of Cell Communication and Signaling</i> , 2018, 12, 745-751.	3.4	67
5	A pathway map of prolactin signaling. <i>Journal of Cell Communication and Signaling</i> , 2012, 6, 169-173.	3.4	65
6	Adenylate Kinase 3 Sensitizes Cells to Cigarette Smoke Condensate Vapor Induced Cisplatin Resistance. <i>PLoS ONE</i> , 2011, 6, e20806.	2.5	61
7	<scp>SILAC</scp>-based quantitative proteomic analysis of gastric cancer secretome. <i>Proteomics - Clinical Applications</i> , 2013, 7, 355-366.	1.6	57
8	Targeting of mutant hogg1 in mammalian mitochondria and nucleus: effect on cellular survival upon oxidative stress. <i>BMC Cancer</i> , 2006, 6, 235.	2.6	53
9	Identification of head and neck squamous cell carcinoma biomarker candidates through proteomic analysis of cancer cell secretome. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 2308-2316.	2.3	52
10	Quantitative phosphoproteomic analysis of IL-33-mediated signaling. <i>Proteomics</i> , 2015, 15, 532-544.	2.2	50
11	Integrated genomic analysis reveals mutated ELF3 as a potential gallbladder cancer vaccine candidate. <i>Nature Communications</i> , 2020, 11, 4225.	12.8	47
12	Chronic exposure to cigarette smoke leads to activation of p21 (RAC1)-activated kinase 6 (PAK6) in non-small cell lung cancer cells. <i>Oncotarget</i> , 2016, 7, 61229-61245.	1.8	45
13	The effect of p53-RNAi and p53 knockout on human 8-oxoguanine DNA glycosylase (hOgg1) activity. <i>FASEB Journal</i> , 2006, 20, 112-114.	0.5	44
14	Regulation of p53 Family Member Isoform β by the Nuclear Factor- κ B Targeting Kinase β Kinase β . <i>Cancer Research</i> , 2010, 70, 1419-1429.	0.9	41
15	Phosphotyrosine profiling identifies ephrin receptor A2 as a potential therapeutic target in esophageal squamous cell carcinoma. <i>Proteomics</i> , 2015, 15, 374-382.	2.2	38
16	Chronic Cigarette Smoke Mediated Global Changes in Lung Mucoepidermoid Cells: A Phosphoproteomic Analysis. <i>OMICS A Journal of Integrative Biology</i> , 2017, 21, 474-487.	2.0	38
17	Molecular alterations associated with chronic exposure to cigarette smoke and chewing tobacco in normal oral keratinocytes. <i>Cancer Biology and Therapy</i> , 2018, 19, 773-785.	3.4	37
18	A dual specificity kinase, DYRK1A, as a potential therapeutic target for head and neck squamous cell carcinoma. <i>Scientific Reports</i> , 2016, 6, 36132.	3.3	36

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19	Identification of prosaposin and transgelin as potential biomarkers for gallbladder cancer using quantitative proteomics. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 863-869.	2.1	35
20	Cigarette smoke and chewing tobacco alter expression of different sets of miRNAs in oral keratinocytes. <i>Scientific Reports</i> , 2018, 8, 7040.	3.3	34
21	Macrophage migration inhibitory factor - a therapeutic target in gallbladder cancer. <i>BMC Cancer</i> , 2015, 15, 843.	2.6	33
22	Role of protein kinase N2 (PKN2) in cigarette smoke-mediated oncogenic transformation of oral cells. <i>Journal of Cell Communication and Signaling</i> , 2018, 12, 709-721.	3.4	33
23	The Relative Expression of Mig6 and EGFR Is Associated with Resistance to EGFR Kinase Inhibitors. <i>PLoS ONE</i> , 2013, 8, e68966.	2.5	31
24	Chronic exposure to chewing tobacco selects for overexpression of stearyl-CoA desaturase in normal oral keratinocytes. <i>Cancer Biology and Therapy</i> , 2015, 16, 1593-1603.	3.4	31
25	Silencing of high-mobility group box 2 (HMGB2) modulates cisplatin and 5-fluorouracil sensitivity in head and neck squamous cell carcinoma. <i>Proteomics</i> , 2015, 15, 383-393.	2.2	30
26	How Does Chronic Cigarette Smoke Exposure Affect Human Skin? A Global Proteomics Study in Primary Human Keratinocytes. <i>OMICS A Journal of Integrative Biology</i> , 2016, 20, 615-626.	2.0	26
27	Phosphoproteomic analysis identifies CLK1 as a novel therapeutic target in gastric cancer. <i>Gastric Cancer</i> , 2020, 23, 796-810.	5.3	26
28	A knowledgebase resource for interleukin-17 family mediated signaling. <i>Journal of Cell Communication and Signaling</i> , 2015, 9, 291-296.	3.4	25
29	Dysregulation of splicing proteins in head and neck squamous cell carcinoma. <i>Cancer Biology and Therapy</i> , 2016, 17, 219-229.	3.4	25
30	Proteome-wide changes in primary skin keratinocytes exposed to diesel particulate extract—A role for antioxidants in skin health. <i>Journal of Dermatological Science</i> , 2018, 91, 239-249.	1.9	25
31	A complete map of the Calcium/calmodulin-dependent protein kinase kinase 2 (CAMKK2) signaling pathway. <i>Journal of Cell Communication and Signaling</i> , 2021, 15, 283-290.	3.4	25
32	Long-Term Cigarette Smoke Exposure and Changes in MiRNA Expression and Proteome in Non-Small-Cell Lung Cancer. <i>OMICS A Journal of Integrative Biology</i> , 2017, 21, 390-403.	2.0	24
33	An integrated signal transduction network of macrophage migration inhibitory factor. <i>Journal of Cell Communication and Signaling</i> , 2016, 10, 165-170.	3.4	23
34	Proteomic Analysis of the Human Anterior Pituitary Gland. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 759-769.	2.0	23
35	miRNA and Proteomic Dysregulation in Non-Small Cell Lung Cancer in Response to Cigarette Smoke. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2018, 7, 38-53.	1.2	22
36	Regulation of p53 by NF- κ B. <i>Cell Cycle</i> , 2010, 9, 4841-4847.	2.6	21

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37	SILAC-based quantitative proteomic analysis reveals widespread molecular alterations in human skin keratinocytes upon chronic arsenic exposure. <i>Proteomics</i> , 2017, 17, 1600257.	2.2	21
38	Chronic Exposure to Chewing Tobacco Induces Metabolic Reprogramming and Cancer Stem Cell-Like Properties in Esophageal Epithelial Cells. <i>Cells</i> , 2019, 8, 949.	4.1	21
39	Phosphotyrosine profiling of curcumin-induced signaling. <i>Clinical Proteomics</i> , 2016, 13, 13.	2.1	19
40	Proteogenomic analysis of pathogenic yeast <i>Cryptococcus neoformans</i> using high resolution mass spectrometry. <i>Clinical Proteomics</i> , 2014, 11, 5.	2.1	18
41	Cigarette smoke induces mitochondrial metabolic reprogramming in lung cells. <i>Mitochondrion</i> , 2018, 40, 58-70.	3.4	18
42	Molecular Profiling Associated with Calcium/Calmodulin-Dependent Protein Kinase Kinase 2 (CAMKK2)-Mediated Carcinogenesis in Gastric Cancer. <i>Journal of Proteome Research</i> , 2021, 20, 2687-2703.	3.7	18
43	Yes-associated protein 1 regulates the stability of $\text{p}^{32}\text{Np63}$. <i>Cell Cycle</i> , 2010, 9, 162-167.	2.6	17
44	Integrated transcriptomic and epigenomic analysis of ovarian cancer reveals epigenetically silenced GULP1. <i>Cancer Letters</i> , 2018, 433, 242-251.	7.2	16
45	MAP2K1 is a potential therapeutic target in erlotinib resistant head and neck squamous cell carcinoma. <i>Scientific Reports</i> , 2019, 9, 18793.	3.3	15
46	Hyperactivation of MEK/ERK pathway by Ca^{2+} /calmodulin-dependent protein kinase kinase 2 promotes cellular proliferation by activating cyclin-dependent kinases and minichromosome maintenance protein in gastric cancer cells. <i>Molecular Carcinogenesis</i> , 2021, 60, 769-783.	2.7	15
47	Targeting focal adhesion kinase overcomes erlotinib resistance in smoke induced lung cancer by altering phosphorylation of epidermal growth factor receptor. <i>Oncoscience</i> , 2018, 5, 21-38.	2.2	14
48	Whole-Exome Sequencing Analysis of Oral Squamous Cell Carcinoma Delineated by Tobacco Usage Habits. <i>Frontiers in Oncology</i> , 2021, 11, 660696.	2.8	14
49	A network map of thrombopoietin signaling. <i>Journal of Cell Communication and Signaling</i> , 2018, 12, 737-743.	3.4	12
50	PIM1 kinase promotes gallbladder cancer cell proliferation via inhibition of proline-rich Akt substrate of 40 kDa (PRAS40). <i>Journal of Cell Communication and Signaling</i> , 2019, 13, 163-177.	3.4	12
51	Quantitative Proteomics of Urinary Bladder Cancer Cell Lines Identify UAP1 as a Potential Therapeutic Target. <i>Genes</i> , 2020, 11, 763.	2.4	11
52	Chronic Exposure to Cigarette Smoke and Chewing Tobacco Alters Expression of microRNAs in Esophageal Epithelial Cells. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2018, 7, 28-37.	1.2	10
53	Multioomic analysis of oral keratinocytes chronically exposed to shisha. <i>Journal of Oral Pathology and Medicine</i> , 2019, 48, 284-289.	2.7	9
54	IL-11/IL11RA receptor mediated signaling: a web accessible knowledgebase. <i>Cell Communication and Adhesion</i> , 2013, 20, 81-86.	1.0	8

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55	Proteomic Changes in Oral Keratinocytes Chronically Exposed to Shisha (Water Pipe). <i>OMICS A Journal of Integrative Biology</i> , 2019, 23, 86-97.	2.0	8
56	Signaling network map of the aryl hydrocarbon receptor. <i>Journal of Cell Communication and Signaling</i> , 2016, 10, 341-346.	3.4	7
57	Identification of potential biomarkers of head and neck squamous cell carcinoma using iTRAQ based quantitative proteomic approach. <i>Data in Brief</i> , 2018, 19, 1124-1130.	1.0	7
58	Molecular alterations in oral cancer using high-throughput proteomic analysis of formalin-fixed paraffin-embedded tissue. <i>Journal of Cell Communication and Signaling</i> , 2021, 15, 447-459.	3.4	7
59	Molecular alterations in oral cancer between tobacco chewers and smokers using serum proteomics. <i>Cancer Biomarkers</i> , 2021, 31, 361-373.	1.7	6
60	Secretome analysis of oral keratinocytes chronically exposed to shisha. <i>Cancer Biomarkers</i> , 2019, 25, 29-41.	1.7	5
61	Chronic shisha exposure alters phosphoproteome of oral keratinocytes. <i>Journal of Cell Communication and Signaling</i> , 2019, 13, 281-289.	3.4	4
62	Proteomic Alterations Associated with Oral Cancer Patients with Tobacco Using Habits. <i>OMICS A Journal of Integrative Biology</i> , 2021, 25, 255-268.	2.0	4
63	Tyrosine Phosphorylation Profiling Revealed the Signaling Network Characteristics of CAMKK2 in Gastric Adenocarcinoma. <i>Frontiers in Genetics</i> , 2022, 13, .	2.3	4
64	Altered signaling associated with chronic arsenic exposure in human skin keratinocytes. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1700004.	1.6	2
65	Signaling alterations in oral keratinocytes in response to shisha and crude tobacco extract. <i>Journal of Oral Pathology and Medicine</i> , 2021, 50, 459-469.	2.7	2
66	Proteomic and phosphoproteomic profiling of shammah induced signaling in oral keratinocytes. <i>Scientific Reports</i> , 2021, 11, 9397.	3.3	2
67	Identification of targets of miR-200b by a SILAC-based quantitative proteomic approach. <i>EuPA Open Proteomics</i> , 2014, 4, 10-17.	2.5	1
68	Testican 1 (SPOCK1) and protein tyrosine phosphatase, receptor type S (PTPRS) show significant increase in saliva of tobacco users with oral cancer. <i>Translational Research in Oral Oncology</i> , 2018, 3, 2057178X1880053.	3.3	1
69	Data from quantitative proteomic analysis of lung adenocarcinoma and squamous cell carcinoma primary tissues using high resolution mass spectrometry. <i>Data in Brief</i> , 2018, 19, 1631-1637.	1.0	1
70	Multi-Omics Analysis to Characterize Cigarette Smoke Induced Molecular Alterations in Esophageal Cells. <i>Frontiers in Oncology</i> , 2020, 10, 1666.	2.8	1
71	How to Achieve Therapeutic Response in Erlotinib-Resistant Head and Neck Squamous Cell Carcinoma? New Insights from Stable Isotope Labeling with Amino Acids in Cell Culture-Based Quantitative Tyrosine Phosphoproteomics. <i>OMICS A Journal of Integrative Biology</i> , 2021, 25, 605-616.	2.0	1
72	JAK-STAT inhibitor as a potential therapeutic opportunity in AML patients resistant to cytarabine and epigenetic therapy. <i>Cancer Biology and Therapy</i> , 2021, 22, 66-78.	3.4	1

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73	Investigation of curcumin-mediated signalling pathways in head and neck squamous cell carcinoma. Translational Research in Oral Oncology, 2017, 2, 2057178X1774314.	3.3	0
74	The role of proteomics in the multiplexed analysis of gene alterations in human cancer. Expert Review of Proteomics, 2021, 18, 737-756.	3.0	0