

Pradipta Ghosh

List of Publications by Citations

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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.

111
papers

2,112
citations

26
h-index

42
g-index

133
ext. papers

2,911
ext. citations

7.1
avg, IF

5.09
L-index

#	Paper	IF	Citations
111	GIV is a nonreceptor GEF for G alpha i with a unique motif that regulates Akt signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 3178-83	11.5	130
110	Activation of Galphai3 triggers cell migration via regulation of GIV. <i>Journal of Cell Biology</i> , 2008 , 182, 381-93	7.3	120
109	A G{alpha}i-GIV molecular complex binds epidermal growth factor receptor and determines whether cells migrate or proliferate. <i>Molecular Biology of the Cell</i> , 2010 , 21, 2338-54	3.5	117
108	Daple is a novel non-receptor GEF required for trimeric G protein activation in Wnt signaling. <i>ELife</i> , 2015 , 4, e07091	8.9	78
107	A GDI (AGS3) and a GEF (GIV) regulate autophagy by balancing G protein activity and growth factor signals. <i>Molecular Biology of the Cell</i> , 2011 , 22, 673-86	3.5	77
106	Genome-wide mutational landscape of mucinous carcinomatosis peritonei of appendiceal origin. <i>Genome Medicine</i> , 2014 , 6, 43	14.4	73
105	GIV/Girdin is a central hub for profibrogenic signalling networks during liver fibrosis. <i>Nature Communications</i> , 2014 , 5, 4451	17.4	72
104	Tyrosine phosphorylation of the G-interacting protein GIV promotes activation of phosphoinositide 3-kinase during cell migration. <i>Science Signaling</i> , 2011 , 4, ra64	8.8	61
103	A structural determinant that renders G alpha(i) sensitive to activation by GIV/girdin is required to promote cell migration. <i>Journal of Biological Chemistry</i> , 2010 , 285, 12765-77	5.4	60
102	GIV/Girdin transmits signals from multiple receptors by triggering trimeric G protein activation. <i>Journal of Biological Chemistry</i> , 2015 , 290, 6697-704	5.4	56
101	Expression of GIV/Girdin, a metastasis-related protein, predicts patient survival in colon cancer. <i>FASEB Journal</i> , 2011 , 25, 590-9	0.9	56
100	Functional characterization of the guanine nucleotide exchange factor (GEF) motif of GIV protein reveals a threshold effect in signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 1961-6	11.5	45
99	Near-Infrared Light-Activated DNA-Agonist Nanodevice for Nongenetically and Remotely Controlled Cellular Signaling and Behaviors in Live Animals. <i>Nano Letters</i> , 2019 , 19, 2603-2613	11.5	44
98	Cyclin-dependent kinase 5 activates guanine nucleotide exchange factor GIV/Girdin to orchestrate migration-proliferation dichotomy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E4874-83	11.5	42
97	GIV/Girdin is a rheostat that fine-tunes growth factor signals during tumor progression. <i>Cell Adhesion and Migration</i> , 2011 , 5, 237-48	3.2	42
96	Structural basis for activation of trimeric Gi proteins by multiple growth factor receptors via GIV/Girdin. <i>Molecular Biology of the Cell</i> , 2014 , 25, 3654-71	3.5	38
95	G Protein binding sites on Calnuc (nucleobindin 1) and NUCB2 (nucleobindin 2) define a new class of G(alpha)i-regulatory motifs. <i>Journal of Biological Chemistry</i> , 2011 , 286, 28138-49	5.4	38

94	GIV/girdin links vascular endothelial growth factor signaling to Akt survival signaling in podocytes independent of nephrin. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 314-27	12.7	36
93	The Alzheimer's disease-protective CD33 splice variant mediates adaptive loss of function via diversion to an intracellular pool. <i>Journal of Biological Chemistry</i> , 2017 , 292, 15312-15320	5.4	36
92	AMP-activated protein kinase fortifies epithelial tight junctions during energetic stress via its effector GIV/Girdin. <i>ELife</i> , 2016 , 5,	8.9	34
91	Heterotrimeric G protein signaling via GIV/Girdin: Breaking the rules of engagement, space, and time. <i>BioEssays</i> , 2016 , 38, 379-93	4.1	33
90	Multimodular biosensors reveal a novel platform for activation of G proteins by growth factor receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E937-46	11.5	33
89	Protein kinase C- θ phosphorylates and inhibits the guanine exchange factor, GIV/Girdin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 5510-5	11.5	32
88	Src homology domain 2-containing protein-tyrosine phosphatase-1 (SHP-1) binds and dephosphorylates G(α)-interacting, vesicle-associated protein (GIV)/Girdin and attenuates the GIV-phosphatidylinositol 3-kinase (PI3K)-Akt signaling pathway. <i>Journal of Biological Chemistry</i> , 2011 , 286, 32404-15	5.4	30
87	Peritoneal mice implicated in intestinal obstruction: report of a case and review of the literature. <i>Journal of Clinical Gastroenterology</i> , 2006 , 40, 427-30	3	29
86	Prognostic Impact of Modulators of G proteins in Circulating Tumor Cells from Patients with Metastatic Colorectal Cancer. <i>Scientific Reports</i> , 2016 , 6, 22112	4.9	29
85	Therapeutic effects of cell-permeant peptides that activate G proteins downstream of growth factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E2602-10	11.5	26
84	Activation of G α t at the Golgi by GIV/Girdin imposes finiteness in Arf1 signaling. <i>Developmental Cell</i> , 2015 , 33, 189-203	10.2	26
83	Heterotrimeric G proteins as emerging targets for network based therapy in cancer: End of a long futile campaign striking heads of a Hydra. <i>Ageing</i> , 2015 , 7, 469-74	5.6	25
82	Drug repurposing screens identify chemical entities for the development of COVID-19 interventions. <i>Nature Communications</i> , 2021 , 12, 3309	17.4	25
81	The PVT1 lncRNA is a novel epigenetic enhancer of MYC, and a promising risk-stratification biomarker in colorectal cancer. <i>Molecular Cancer</i> , 2020 , 19, 155	42.1	24
80	The GAPs, GEFs, GDIs and G $\beta\gamma$, GEMs: New kids on the heterotrimeric G protein signaling block. <i>Cell Cycle</i> , 2017 , 16, 607-612	4.7	23
79	GIV/Girdin activates G α and inhibits G $\beta\gamma$ via the same motif. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E5721-30	11.5	20
78	Focal adhesions are foci for tyrosine-based signal transduction via GIV/Girdin and G proteins. <i>Molecular Biology of the Cell</i> , 2015 , 26, 4313-24	3.5	20
77	Girdin (GIV) Expression as a Prognostic Marker of Recurrence in Mismatch Repair-Proficient Stage II Colon Cancer. <i>Clinical Cancer Research</i> , 2016 , 22, 3488-98	12.9	20

76	Host engulfment pathway controls inflammation in inflammatory bowel disease. <i>FEBS Journal</i> , 2020 , 287, 3967-3988	5.7	19
75	Anticancer effect of nor-wogonin (5, 7, 8-trihydroxyflavone) on human triple-negative breast cancer cells via downregulation of TAK1, NF- κ B, and STAT3. <i>Pharmacological Reports</i> , 2019 , 71, 289-298	3.9	18
74	Adult stem cell-derived complete lung organoid models emulate lung disease in COVID-19. <i>ELife</i> , 2021 , 10,	8.9	18
73	infection downregulates the DNA glycosylase NEIL2, resulting in increased genome damage and inflammation in gastric epithelial cells. <i>Journal of Biological Chemistry</i> , 2020 , 295, 11082-11098	5.4	17
72	Enhanced mitochondrial fission suppresses signaling and metastasis in triple-negative breast cancer. <i>Breast Cancer Research</i> , 2020 , 22, 60	8.3	17
71	Structural basis for GPCR-independent activation of heterotrimeric Gi proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16394-16403	11.5	17
70	Mitochondrial BMI1 maintains bioenergetic homeostasis in cells. <i>FASEB Journal</i> , 2016 , 30, 4042-4055	0.9	16
69	E-cigarettes compromise the gut barrier and trigger inflammation. <i>iScience</i> , 2021 , 24, 102035	6.1	16
68	Convergence of Wnt, growth factor, and heterotrimeric G protein signals on the guanine nucleotide exchange factor Daple. <i>Science Signaling</i> , 2018 , 11,	8.8	15
67	The stress polarity signaling (SPS) pathway serves as a marker and a target in the leaky gut barrier: implications in aging and cancer. <i>Life Science Alliance</i> , 2020 , 3,	5.8	15
66	Adult Stem Cell-derived Complete Lung Organoid Models Emulate Lung Disease in COVID-19 2021 ,		15
65	TLR4 signaling and macrophage inflammatory responses are dampened by GIV/Girdin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 26895-26906	11.5	14
64	Activation of G proteins by GIV-GEF is a pivot point for insulin resistance and sensitivity. <i>Molecular Biology of the Cell</i> , 2015 , 26, 4209-23	3.5	13
63	AI-guided discovery of the invariant host response to viral pandemics. <i>EBioMedicine</i> , 2021 , 68, 103390	8.8	13
62	G protein coupled growth factor receptor tyrosine kinase: no longer an oxymoron. <i>Cell Cycle</i> , 2015 , 14, 2561-5	4.7	12
61	GIV/girdin binds exocyst subunit-Exo70 and regulates exocytosis of GLUT4 storage vesicles. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 468, 287-93	3.4	11
60	The DNA Glycosylase NEIL2 Suppresses -Infection-Induced Inflammation and DNA Damage in Colonic Epithelial Cells. <i>Cells</i> , 2020 , 9,	7.9	11
59	Metformin Is Associated With Reduced Odds for Colorectal Cancer Among Persons With Diabetes. <i>Clinical and Translational Gastroenterology</i> , 2019 , 10, e00092	4.2	11

58	Novel candidates in early-onset familial colorectal cancer. <i>Familial Cancer</i> , 2020 , 19, 1-10	3	10
57	A Daple-Akt feed-forward loop enhances noncanonical Wnt signals by compartmentalizing Eatenin. <i>Molecular Biology of the Cell</i> , 2017 , 28, 3709-3723	3.5	9
56	A predictive computational model reveals that GIV/girdin serves as a tunable valve for EGFR-stimulated cyclic AMP signals. <i>Molecular Biology of the Cell</i> , 2019 , 30, 1621-1633	3.5	9
55	Single-Cell Imaging of Metastatic Potential of Cancer Cells. <i>IScience</i> , 2018 , 10, 53-65	6.1	9
54	Artificial intelligence guided discovery of a barrier-protective therapy in inflammatory bowel disease. <i>Nature Communications</i> , 2021 , 12, 4246	17.4	9
53	The untapped potential of tyrosine-based G protein signaling. <i>Pharmacological Research</i> , 2016 , 105, 99-107	7.2	8
52	Immunosuppression of Macrophages Underlies the Cardioprotective Effects of CST (Catestatin). <i>Hypertension</i> , 2021 , 77, 1670-1682	8.5	8
51	Discovery of antiproliferative and anti-FAK inhibitory activity of 1,2,4-triazole derivatives containing acetamido carboxylic acid skeleton. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 40, 127965	3.9	7
50	Prognostic impact of total and tyrosine phosphorylated GIV/Girdin in breast cancers. <i>FASEB Journal</i> , 2016 , 30, 3702-3713	0.9	6
49	The stress polarity pathway: AMPK 'GIV'-es protection against metabolic insults. <i>Aging</i> , 2017 , 9, 303-314	5.6	6
48	DDX5 promotes oncogene C3 and FABP1 expressions and drives intestinal inflammation and tumorigenesis. <i>Life Science Alliance</i> , 2020 , 3,	5.8	6
47	AI-guided discovery of the invariant host response to viral pandemics 2021 ,		6
46	Controversies about the subcellular localization and mechanisms of action of the Alzheimer's disease-protective CD33 splice variant. <i>Acta Neuropathologica</i> , 2019 , 138, 671-672	14.3	5
45	Computational Approach to Identifying Universal Macrophage Biomarkers. <i>Frontiers in Physiology</i> , 2020 , 11, 275	4.6	5
44	Do All Roads Lead to Rome in G-Protein Activation?. <i>Trends in Biochemical Sciences</i> , 2020 , 45, 182-184	10.3	5
43	GIV/Kindlin Interaction Is Required for Kindlin-Mediated Integrin Recognition and Activation. <i>IScience</i> , 2020 , 23, 101209	6.1	5
42	Receptor tyrosine kinases activate heterotrimeric G proteins via phosphorylation within the interdomain cleft of G β . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 28763-28774	11.5	5
41	Deletion of intestinal epithelial AMP-activated protein kinase alters distal colon permeability but not glucose homeostasis. <i>Molecular Metabolism</i> , 2021 , 47, 101183	8.8	5

40	Prognostic Relevance of CCDC88C (Daple) Transcripts in the Peripheral Blood of Patients with Cutaneous Melanoma. <i>Scientific Reports</i> , 2018 , 8, 18036	4.9	5
39	Tyrosine-Based Signals Regulate the Assembly of Daple/PARD3 Complex at Cell-Cell Junctions. <i>IScience</i> , 2020 , 23, 100859	6.1	4
38	Biochemical, Biophysical and Cellular Techniques to Study the Guanine Nucleotide Exchange Factor, GIV/Girdin. <i>Current Protocols in Chemical Biology</i> , 2016 , 8, 265-298	1.8	4
37	SPT6 promotes epidermal differentiation and blockade of an intestinal-like phenotype through control of transcriptional elongation. <i>Nature Communications</i> , 2021 , 12, 784	17.4	4
36	A first-in-class anticancer dual HDAC2/FAK inhibitors bearing hydroxamates/benzamides capped by pyridinyl-1,2,4-triazoles. <i>European Journal of Medicinal Chemistry</i> , 2021 , 222, 113569	6.8	4
35	Parsing the Role of PPARs in Macrophage Processes.. <i>Frontiers in Immunology</i> , 2021 , 12, 783780	8.4	4
34	Regulating cellular cyclic adenosine monophosphate: "Sources," "sinks," and now, "tunable valves". <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2020 , 12, e1490	6.6	3
33	DAPLE protein inhibits nucleotide exchange on G β and G γ via the same motif that activates G β . <i>Journal of Biological Chemistry</i> , 2020 , 295, 2270-2284	5.4	3
32	Mesenteric panniculitis and sclerosing mesenteritis: a continuum of inflammation fibrosis. <i>Clinical Gastroenterology and Hepatology</i> , 2007 , 5, A32	6.9	3
31	Dysregulation of the engulfment pathway in the gut fuels Inflammatory Bowel Disease		3
30	The G β -interacting vesicle-associated protein interacts with and promotes cell surface localization of GRP78 during endoplasmic reticulum stress. <i>FEBS Letters</i> , 2020 , 594, 1088-1100	3.8	3
29	FAK inhibitors as promising anticancer targets: present and future directions. <i>Future Medicinal Chemistry</i> , 2021 , 13, 1559-1590	4.1	3
28	Two Isoforms of the Guanine Nucleotide Exchange Factor, Daple/CCDC88C Cooperate as Tumor Suppressors. <i>Scientific Reports</i> , 2019 , 9, 12124	4.9	2
27	Correction: Genome-wide mutational landscape of mucinous carcinomatosis peritonei of appendiceal origin. <i>Genome Medicine</i> , 2014 , 6, 53	14.4	2
26	Prevalence of MMTV-Like Sequences and Its Association with BRCA1/2 Genes Mutations Among Egyptian Breast Cancer Patients. <i>Cancer Management and Research</i> , 2021 , 13, 2835-2848	3.6	2
25	Chromogranin A regulates gut permeability via the antagonistic actions of its proteolytic peptides. <i>Acta Physiologica</i> , 2021 , 232, e13655	5.6	2
24	The Host-Microbiome Response to Hyperbaric Oxygen Therapy in Ulcerative Colitis Patients.. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022 ,	7.9	2
23	2-Arylquinolines as novel anticancer agents with dual EGFR/FAK kinase inhibitory activity: synthesis, biological evaluation, and molecular modelling insights.. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022 , 37, 349-372	5.6	2

22	COVID-19 lung disease shares driver AT2 cytopathic features with Idiopathic pulmonary fibrosis 2021 ,		1
21	Clinico-pathological relationship between androgen receptor and tumour infiltrating lymphocytes in triple negative breast cancer.. <i>Ecancermedicalscience</i> , 2021 , 15, 1317	2.7	1
20	Two Isoforms of the Guanine Nucleotide Exchange Factor, Daple/CCDC88C Cooperate as Tumor Suppressors		1
19	GIV/Girdin and Exo70 Collaboratively Regulate the Mammalian Polarized Exocytic Machinery. <i>IScience</i> , 2020 , 23, 101246	6.1	1
18	An AI-guided signature reveals the nature of the shared proximal pathways of host immune response in MIS-C and Kawasaki disease 2021 ,		1
17	Artificial Intelligence-rationalized balanced PPAR α agonism resets the dysregulated macrophage processes in inflammatory bowel disease		1
16	A long isoform of GIV/Girdin contains a PDZ-binding module that regulates localization and G-protein binding. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100493	5.4	1
15	Modeling colorectal cancers using multidimensional organoids. <i>Advances in Cancer Research</i> , 2021 , 151, 345-383	5.9	1
14	Stability Analysis of a Signaling Circuit with Dual Species of GTPase Switches. <i>Bulletin of Mathematical Biology</i> , 2021 , 83, 34	2.1	1
13	GIV/Girdin, a non-receptor modulator for G β s, regulates spatiotemporal signaling during sperm capacitation and is required for male fertility. <i>ELife</i> , 2021 , 10,	8.9	1
12	Artificial intelligence-rationalized balanced PPAR α agonism resets dysregulated macrophage processes in inflammatory bowel disease.. <i>Communications Biology</i> , 2022 , 5, 231	6.7	1
11	New 1,2,3-triazole linked ciprofloxacin-chalcones induce DNA damage by inhibiting human topoisomerase I& II and tubulin polymerization.. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022 , 37, 1346-1363	5.6	1
10	An Artificial Intelligence-guided signature reveals the shared host immune response in MIS-C and Kawasaki disease.. <i>Nature Communications</i> , 2022 , 13, 2687	17.4	1
9	Gastric adenocarcinoma inducing portal hypertension: a rare presentation. <i>World Journal of Gastroenterology</i> , 2007 , 13, 960-3	5.6	0
8	Building unconventional G protein-coupled receptors, one block at a time. <i>Trends in Pharmacological Sciences</i> , 2021 , 42, 514-517	13.2	0
7	Functional assays with human patient-derived enteroid monolayers to assess the human gut barrier. <i>STAR Protocols</i> , 2021 , 2, 100680	1.4	0
6	SPT6 loss permits the transdifferentiation of keratinocytes into an intestinal fate that resembles Barrett's metaplasia. <i>IScience</i> , 2021 , 24, 103121	6.1	0
5	G β and GIV Cooperatively Regulate Akt signaling and Actin remodeling. <i>FASEB Journal</i> , 2008 , 22, 284-284.9		

- 4 Activation of a G12B-GIV-Molecular-Switch Triggers Cell Migration. *FASEB Journal*, **2008**, 22, 283-283 0.9
- 3 Convergence of Wnt, Growth Factor and Trimeric G-protein Signals on the Signaling Scaffold Daple. *FASEB Journal*, **2018**, 32, 533.37 0.9
- 2 GIV is a Non-Receptor GEF for G12 with a Unique Motif that Regulates Akt Signaling. *FASEB Journal*, **2009**, 23, 879.1 0.9
- 1 Out in a Dish Facilitates Drug Development. *Genetic Engineering and Biotechnology News*, **2021**, 41, 60-62 0.6