Georg Halder

List of Publications by Citations

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

74 papers	14,242 citations	49 h-index	78 g-index
78 ext. papers	16,349 ext. citations	13.2 avg, IF	6.58 L-index

#	Paper	IF	Citations
74	Inactivation of YAP oncoprotein by the Hippo pathway is involved in cell contact inhibition and tissue growth control. *Genes and Development*, **2007**, 21, 2747-61	12.6	1938
73	Induction of ectopic eyes by targeted expression of the eyeless gene in Drosophila. *Science*, **1995**, 267, 1788-92	33.3	1299
72	Hippo signaling: growth control and beyond. *Development (Cambridge)*, **2011**, 138, 9-22	6.6	748
71	Transduction of mechanical and cytoskeletal cues by YAP and TAZ. *Nature Reviews Molecular Cell Biology*, **2012**, 13, 591-600	48.7	647
70	The two faces of Hippo: targeting the Hippo pathway for regenerative medicine and cancer treatment. *Nature Reviews Drug Discovery*, **2014**, 13, 63-79	64.1	595
69	The tumour-suppressor genes NF2/Merlin and Expanded act through Hippo signalling to regulate cell proliferation and apoptosis. *Nature Cell Biology*, **2006**, 8, 27-36	23.4	581
68	Hippo signaling is a potent in vivo growth and tumor suppressor pathway in the mammalian liver. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 1437-42	11.5	563
67	Hippo promotes proliferation arrest and apoptosis in the Salvador/Warts pathway. *Nature Cell Biology*, **2003**, 5, 914-20	23.4	560
66	Muscle LIM protein, a novel essential regulator of myogenesis, promotes myogenic differentiation. *Cell*, **1994**, 79, 221-31	56.2	396
65	PAX-6 in development and evolution. *Annual Review of Neuroscience*, **1997**, 20, 483-532	17	395
64	Modulating F-actin organization induces organ growth by affecting the Hippo pathway. *EMBO Journal*, **2011**, 30, 2325-35	13	323
63	optix drives the repeated convergent evolution of butterfly wing pattern mimicry. *Science*, **2011**, 333, 1137-41	33.3	309
62	twin of eyeless, a second Pax-6 gene of Drosophila, acts upstream of eyeless in the control of eye development. *Molecular Cell*, **1999**, 3, 297-307	17.6	309
61	MAP4K family kinases act in parallel to MST1/2 to activate LATS1/2 in the Hippo pathway. *Nature Communications*, **2015**, 6, 8357	17.4	273
60	Shar-pei mediates cell proliferation arrest during imaginal disc growth in Drosophila. *Development (Cambridge)*, **2002**, 129, 5719-30	6.6	261
59	The fat cadherin acts through the hippo tumor-suppressor pathway to regulate tissue size. *Current Biology*, **2006**, 16, 2090-100	6.3	254
58	The apical-basal cell polarity determinant Crumbs regulates Hippo signaling in Drosophila. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 15810-5	11.5	253

57	Hippo-YAP/TAZ signalling in organ regeneration and regenerative medicine. *Nature Reviews Molecular Cell Biology*, **2019**, 20, 211-226	48.7	253
56	Ultrabithorax regulates genes at several levels of the wing-patterning hierarchy to shape the development of the Drosophila haltere. *Genes and Development*, **1998**, 12, 1474-82	12.6	246
55	Decoding the regulatory landscape of melanoma reveals TEADS as regulators of the invasive cell state. *Nature Communications*, **2015**, 6, 6683	17.4	235
54	The bantam microRNA is a target of the hippo tumor-suppressor pathway. *Current Biology*, **2006**, 16, 1895-904	6.3	229
53	Atypical PKCiota contributes to poor prognosis through loss of apical-basal polarity and cyclin E overexpression in ovarian cancer. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 12519-24	11.5	206
52	The Hippo pathway effector YAP controls mouse hepatic stellate cell activation. *Journal of Hepatology*, **2015**, 63, 679-88	13.4	199
51	New perspectives on eye evolution. *Current Opinion in Genetics and Development*, **1995**, 5, 602-9	4.9	197
50	Diversification of complex butterfly wing patterns by repeated regulatory evolution of a Wnt ligand. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 12632-7	11.5	187
49	The Vestigial and Scalloped proteins act together to directly regulate wing-specific gene expression in Drosophila. *Genes and Development*, **1998**, 12, 3900-9	12.6	187
48	Ultrabithorax function in butterfly wings and the evolution of insect wing patterns. *Current Biology*, **1999**, 9, 109-15	6.3	179
47	Squid Pax-6 and eye development. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 2421-6	11.5	165
46	YAP/TAZ Orchestrate VEGF Signaling during Developmental Angiogenesis. *Developmental Cell*, **2017**, 42, 462-478.e7	10.2	155
45	Tumor suppression by cell competition through regulation of the Hippo pathway. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 484-9	11.5	133
44	Boundaries of Dachsous Cadherin activity modulate the Hippo signaling pathway to induce cell proliferation. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 14897-902	11.5	129
43	Discovery of transcription factors and regulatory regions driving in vivo tumor development by ATAC-seq and FAIRE-seq open chromatin profiling. *PLoS Genetics*, **2015**, 11, e1004994	6	114
42	Drosophila melanogaster as a model host to dissect the immunopathogenesis of zygomycosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 9367-72	11.5	106
41	Insights into transcription enhancer factor 1 (TEF-1) activity from the solution structure of the TEA domain. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 17225-30	11.5	101
40	Regulation of the Hippo pathway by cell architecture and mechanical signals. *Seminars in Cell and Developmental Biology*, **2012**, 23, 803-11	7.5	100

39	Genomic hotspots for adaptation: the population genetics of M□erian mimicry in Heliconius erato. *PLoS Genetics*, **2010**, 6, e1000796	6	92
38	Drosophila melanogaster as a facile model for large-scale studies of virulence mechanisms and antifungal drug efficacy in Candida species. *Journal of Infectious Diseases*, **2006**, 193, 1014-22	7	91
37	An evolutionary shift in the regulation of the Hippo pathway between mice and flies. *Oncogene*, **2014**, 33, 1218-28	9.2	85
36	Lethal giant discs, a novel C2-domain protein, restricts notch activation during endocytosis. *Current Biology*, **2006**, 16, 2228-33	6.3	80
35	Differential regulation of the Hippo pathway by adherens junctions and apical-basal cell polarity modules. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 1785-90	11.5	78
34	Toll-deficient Drosophila flies as a fast, high-throughput model for the study of antifungal drug efficacy against invasive aspergillosis and Aspergillus virulence. *Journal of Infectious Diseases*, **2005**, 191, 1188-95	7	73
33	The Hippo tumor-suppressor pathway regulates apical-domain size in parallel to tissue growth. *Journal of Cell Science*, **2009**, 122, 2351-9	5.3	71
32	The transcription factor Grainy head primes epithelial enhancers for spatiotemporal activation by displacing nucleosomes. *Nature Genetics*, **2018**, 50, 1011-1020	36.3	70
31	Peritumoral activation of the Hippo pathway effectors YAP and TAZ suppresses liver cancer in mice. *Science*, **2019**, 366, 1029-1034	33.3	67
30	Binding of the Vestigial co-factor switches the DNA-target selectivity of the Scalloped selector protein. *Development (Cambridge)*, **2001**, 128, 3295-3305	6.6	62
29	Mask is required for the activity of the Hippo pathway effector Yki/YAP. *Current Biology*, **2013**, 23, 229-35	6.3	58
28	An Ectopic Network of Transcription Factors Regulated by Hippo Signaling Drives Growth and Invasion of a Malignant Tumor Model. *Current Biology*, **2016**, 26, 2101-13	6.3	56
27	Ectopic gene expression and homeotic transformations in arthropods using recombinant Sindbis viruses. *Current Biology*, **1999**, 9, 1279-87	6.3	55
26	Cell Junctions in Hippo Signaling. *Cold Spring Harbor Perspectives in Biology*, **2018**, 10,	10.2	49
25	Highly conserved gene order and numerous novel repetitive elements in genomic regions linked to wing pattern variation in Heliconius butterflies. *BMC Genomics*, **2008**, 9, 345	4.5	46
24	Selector and signalling molecules cooperate in organ patterning. *Nature Cell Biology*, **2002**, 4, E48-51	23.4	38
23	Dynamic rewiring of the Drosophila retinal determination network switches its function from selector to differentiation. *PLoS Genetics*, **2013**, 9, e1003731	6	30
22	The Hippo pathway in cellular reprogramming and regeneration of different organs. *Current Opinion in Cell Biology*, **2016**, 43, 62-68	9	30

21	Hippo Reprograms the Transcriptional Response to Ras Signaling. *Developmental Cell*, **2017**, 42, 667-680.e4	10.2	28
20	YAP and TAZ Heterogeneity in Primary Liver Cancer: An Analysis of Its Prognostic and Diagnostic Role. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	27
19	A non-cell-autonomous tumor suppressor role for Stat in eliminating oncogenic scribble cells. *Oncogene*, **2013**, 32, 4471-9	9.2	27
18	Characterization of a dorsal-eye Gal4 Line in Drosophila. *Genesis*, **2010**, 48, spcone-spcone	1.9	26
17	Discovering the Hippo pathway protein-protein interactome. *Cell Research*, **2014**, 24, 137-8	24.7	25
16	Characterization of a dorsal-eye Gal4 Line in Drosophila. *Genesis*, **2010**, 48, 3-7	1.9	23
15	The hippo tumor suppressor network: from organ size control to stem cells and cancer. *Cancer Research*, **2013**, 73, 6389-92	10.1	22
14	Expression of the blistered/DSRF gene is controlled by different morphogens during Drosophila trachea and wing development. *Mechanisms of Development*, **2000**, 96, 27-36	1.7	20
13	Notch signaling activates Yorkie non-cell autonomously in Drosophila. *PLoS ONE*, **2012**, 7, e37615	3.7	20
12	Stem cell proliferation in the skin: alpha-catenin takes over the hippo pathway. *Science Signaling*, **2011**, 4, pe34	8.8	14
11	Comparison of the and Drivers in Bile Ducts of Normal and Injured Mouse Livers. *Cells*, **2019**, 8,	7.9	10
10	Regeneration Defects in Yap and Taz Mutant Mouse Livers Are Caused by Bile Duct Disruption and Cholestasis. *Gastroenterology*, **2021**, 160, 847-862	13.3	10
9	Drosophila as an emerging model to study metastasis. *Genome Biology*, **2004**, 5, 216	18.3	9
8	Drosophila in cancer research: to boldly go where no one has gone before. *Oncogene*, **2011**, 30, 4063-6	9.2	8
7	Modulation of the Hippo pathway and organ growth by RNA processing proteins. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 10684-10689	11.5	7
6	Initiation of hepatic stellate cell activation extends into chronic liver disease. *Cell Death and Disease* , **2021**, 12, 1110	9.8	3
5	A Mouse Model of Cholangiocarcinoma Uncovers a Role for Tensin-4 in Tumor Progression. *Hepatology*, **2021**, 74, 1445-1460	11.2	3
4	The Hippo tumor suppressor pathway: a report on the Second Workshop On The Hippo tumor suppressor pathway *Cell Death and Differentiation*, **2011**, 18, 1388-90	12.7	2

3	Walter J. Gehring (1939-2014). *Developmental Biology*, **2014**, 395, 1-3	3.1	1
2	Walter J Gehring (1939-2014). *EMBO Journal*, **2014**, 33, 1615-6	13	1
1	Cell Competition and the Hippo Pathway **2013**, 307-325		