

Martin P Zeidler

List of Publications by Year in descending order

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46
papers

2,742
citations

236612

25
h-index

243296

44
g-index

48
all docs

48
docs citations

48
times ranked

2705
citing authors

#	ARTICLE	IF	CITATIONS
1	JAK/STAT signalling in <i>Drosophila</i> : insights into conserved regulatory and cellular functions. <i>Development (Cambridge)</i> , 2006, 133, 2605-2616.	1.2	354
2	Identification of JAK/STAT signalling components by genome-wide RNA interference. <i>Nature</i> , 2005, 436, 871-875.	13.7	275
3	Temperature-sensitive control of protein activity by conditionally splicing inteins. <i>Nature Biotechnology</i> , 2004, 22, 871-876.	9.4	173
4	Characterisation of Upd2, a <i>Drosophila</i> JAK/STAT pathway ligand. <i>Developmental Biology</i> , 2005, 288, 420-433.	0.9	159
5	Polarity determination in the <i>Drosophila</i> eye: a novel role for Unpaired and JAK/STAT signaling. <i>Genes and Development</i> , 1999, 13, 1342-1353.	2.7	149
6	The roles of the <i>Drosophila</i> JAK/STAT pathway. <i>Oncogene</i> , 2000, 19, 2598-2606.	2.6	138
7	The four-jointed gene is required in the <i>Drosophila</i> eye for ommatidial polarity specification. <i>Current Biology</i> , 1999, 9, 1363-1372.	1.8	126
8	Multiple Roles for four-jointed in Planar Polarity and Limb Patterning. <i>Developmental Biology</i> , 2000, 228, 181-196.	0.9	124
9	A Sensitized Genetic Screen to Identify Novel Regulators and Components of the <i>Drosophila</i> Janus Kinase/Signal Transducer and Activator of Transcription Pathway. <i>Genetics</i> , 2003, 165, 1149-1166.	1.2	124
10	Methotrexate Is a JAK/STAT Pathway Inhibitor. <i>PLoS ONE</i> , 2015, 10, e0130078.	1.1	123
11	Cloning and expression of <i>Drosophila</i> SOCS36E and its potential regulation by the JAK/STAT pathway. <i>Mechanisms of Development</i> , 2002, 117, 343-346.	1.7	101
12	Differential activities of the <i>Drosophila</i> JAK/STAT pathway ligands Upd, Upd2 and Upd3. <i>Cellular Signalling</i> , 2011, 23, 920-927.	1.7	87
13	Opposing roles for <i>Drosophila</i> JAK/STAT signalling during cellular proliferation. <i>Oncogene</i> , 2005, 24, 2503-2511.	2.6	56
14	Ken & Barbie Selectively Regulates the Expression of a Subset of JAK/STAT Pathway Target Genes. <i>Current Biology</i> , 2006, 16, 80-88.	1.8	49
15	How does methotrexate work?. <i>Biochemical Society Transactions</i> , 2020, 48, 559-567.	1.6	48
16	Transcriptional targets of <i>Drosophila</i> JAK/STAT pathway signalling as effectors of haematopoietic tumour formation. <i>EMBO Reports</i> , 2010, 11, 201-207.	2.0	43
17	<i>Drosophila</i> SOCS36E negatively regulates JAK/STAT pathway signaling via two separable mechanisms. <i>Molecular Biology of the Cell</i> , 2013, 24, 3000-3009.	0.9	42
18	Comparative anatomy of serotonin-like immunoreactive neurons in isopods: Putative homologues in several species. <i>Journal of Comparative Neurology</i> , 1994, 347, 553-569.	0.9	39

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19	Negative regulation of <i>Drosophila</i> JAK-STAT signalling by endocytic trafficking. <i>Journal of Cell Science</i> , 2010, 123, 3457-3466.	1.2	39
20	JAK inhibition by methotrexate (and csDMARDs) may explain clinical efficacy as monotherapy and combination therapy. <i>Journal of Leukocyte Biology</i> , 2019, 106, 1063-1068.	1.5	38
21	The <i>Drosophila</i> JAK-STAT pathway. <i>Jak-stat</i> , 2013, 2, e25353.	2.2	37
22	Unphosphorylated STATs go nuclear. <i>Current Opinion in Genetics and Development</i> , 2008, 18, 455-460.	1.5	34
23	JAK/STAT signalling in <i>Drosophila</i> controls cell motility during germ cell migration. <i>Developmental Dynamics</i> , 2006, 235, 958-966.	0.8	33
24	Plasticity of <i>Drosophila</i> Stat DNA binding shows an evolutionary basis for Stat transcription factor preferences. <i>EMBO Reports</i> , 2008, 9, 1114-1120.	2.0	31
25	Mutational analysis reveals separable DNA binding and trans-activation of <i>Drosophila</i> STAT92E. <i>Cellular Signalling</i> , 2006, 18, 819-829.	1.7	30
26	Control of tissue morphology by Fasciclin III-mediated intercellular adhesion. <i>Development (Cambridge)</i> , 2013, 140, 3858-3868.	1.2	29
27	Localised JAK/STAT Pathway Activation Is Required for <i>Drosophila</i> Wing Hinge Development. <i>PLoS ONE</i> , 2013, 8, e65076.	1.1	28
28	Identification of JAK/STAT pathway regulators—Insights from RNAi screens. <i>Seminars in Cell and Developmental Biology</i> , 2008, 19, 360-369.	2.3	26
29	Effect of methotrexate on JAK/STAT pathway activation in myeloproliferative neoplasms. <i>Lancet, The</i> , 2015, 385, S98.	6.3	26
30	Identification of <i>Drosophila</i> Genes Modulating Janus Kinase/Signal Transducer and Activator of Transcription Signal Transduction. <i>Genetics</i> , 2006, 172, 1683-1697.	1.2	25
31	<i>Drosophila</i> SOCS Proteins. <i>Journal of Signal Transduction</i> , 2011, 2011, 1-8.	2.0	23
32	Advances in genome-wide RNAi cellular screens: a case study using the <i>Drosophila</i> JAK/STAT pathway. <i>BMC Genomics</i> , 2012, 13, 506.	1.2	22
33	Ankyrin repeat and single KH domain 1 (ANKHD1) drives renal cancer cell proliferation via binding to and altering a subset of miRNAs. <i>Journal of Biological Chemistry</i> , 2018, 293, 9570-9579.	1.6	22
34	A genome-wide RNAi screen identifies MASK as a positive regulator of cytokine receptor stability. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	18
35	Modulation of human JAK-STAT pathway signaling by functionally conserved regulators. <i>Jak-stat</i> , 2012, 1, 34-46.	2.2	11
36	G1±73Î is a downstream effector of JAK/STAT signalling and a regulator of Rho1 in <i>Drosophila</i> haematopoiesis. <i>Journal of Cell Science</i> , 2014, 127, 101-10.	1.2	11

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37	Mechanisms of JAK/STAT pathway negative regulation by the short coreceptor Eye Transformer/Latran. <i>Molecular Biology of the Cell</i> , 2016, 27, 434-441.	0.9	9
38	Low-dose methotrexate in myeloproliferative neoplasm models. <i>Haematologica</i> , 2017, 102, e336-e339.	1.7	9
39	Integration of JAK/STAT receptor-ligand trafficking, signalling and gene expression in <i>Drosophila melanogaster</i> cells. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	9
40	Sex determination: Co-opted signals determine gender. <i>Current Biology</i> , 2000, 10, R682-R684.	1.8	7
41	Designing RNAi Screens to Identify JAK/STAT Pathway Components. <i>Methods in Molecular Biology</i> , 2013, 967, 81-97.	0.4	6
42	six-banded, a Novel <i>Drosophila</i> Gene, Is Expressed in 6 Segmental Stripes during Embryonic Development and in the Eye Imaginal Disc. <i>Biological Chemistry</i> , 1997, 378, 1119-24.	1.2	4
43	Simplified Insertion of Transgenes Onto Balancer Chromosomes via Recombinase-Mediated Cassette Exchange. <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 551-553.	0.8	3
44	Low-dose methotrexate: potential clinical impact on haematological and constitutional symptoms in myeloproliferative neoplasms. <i>British Journal of Haematology</i> , 2019, 187, e69-e72.	1.2	1
45	Matters of the heart. <i>Jak-stat</i> , 2012, 1, 208-210.	2.2	0
46	GÎ±73B is a downstream effector of JAK/STAT signalling and a regulator of Rho1 in <i>Drosophila</i> haematopoiesis. <i>Development (Cambridge)</i> , 2014, 141, e308-e308.	1.2	0