

# Douglas A Harrison

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

3,963  
citations

361296

20  
h-index

477173

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

5201  
citing authors

#	ARTICLE	IF	CITATIONS
1	The JAK/STAT signaling pathway. <i>Journal of Cell Science</i> , 2004, 117, 1281-1283.	1.2	1,560
2	<i>Drosophila unpaired</i> encodes a secreted protein that activates the JAK signaling pathway. <i>Genes and Development</i> , 1998, 12, 3252-3263.	2.7	331
3	The JAK/STAT Pathway. <i>Cold Spring Harbor Perspectives in Biology</i> , 2012, 4, a011205-a011205.	2.3	301
4	A brain-specific cytochrome P450 responsible for the majority of deltamethrin resistance in the QTC279 strain of <i>Tribolium castaneum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8557-8562.	3.3	258
5	The <i>Drosophila melanogaster</i> suppressor of Hairy-wing protein binds to specific sequences of the gypsy retrotransposon. <i>Genes and Development</i> , 1988, 2, 1414-1423.	2.7	202
6	The <i>Drosophila</i> su(Hw) gene, which controls the phenotypic effect of the gypsy transposable element, encodes a putative DNA-binding protein. <i>Genes and Development</i> , 1988, 2, 1205-1215.	2.7	200
7	A Gradient of JAK Pathway Activity Patterns the Anterior-Posterior Axis of the Follicular Epithelium. <i>Developmental Cell</i> , 2003, 4, 167-177.	3.1	176
8	Simple and efficient generation of marked clones in <i>Drosophila</i> . <i>Current Biology</i> , 1993, 3, 424-433.	1.8	145
9	A leucine zipper domain of the suppressor of Hairy-wing protein mediates its repressive effect on enhancer function. <i>Genes and Development</i> , 1993, 7, 1966-1978.	2.7	131
10	JAK signaling is somatically required for follicle cell differentiation in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2002, 129, 705-717.	1.2	123
11	Two <i>Drosophila</i> suppressors of cytokine signaling (SOCS) differentially regulate JAK and EGFR pathway activities. <i>BMC Cell Biology</i> , 2004, 5, 38.	3.0	73
12	An evolutionarily conserved Rit GTPase-p38 MAPK signaling pathway mediates oxidative stress resistance. <i>Molecular Biology of the Cell</i> , 2011, 22, 3231-3241.	0.9	61
13	JAK signaling is somatically required for follicle cell differentiation in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2002, 129, 705-17.	1.2	54
14	Glypicans regulate JAK/STAT signaling and distribution of the Unpaired morphogen. <i>Development (Cambridge)</i> , 2012, 139, 4162-4171.	1.2	53
15	The RNA Polymerase II 15-Kilodalton Subunit Is Essential for Viability in <i>Drosophila melanogaster</i> . <i>Molecular and Cellular Biology</i> , 1992, 12, 928-935.	1.1	50
16	Pleiotropy of the <i>Drosophila</i> JAK pathway cytokine Unpaired 3 in development and aging. <i>Developmental Biology</i> , 2014, 395, 218-231.	0.9	35
17	The gypsy retrotransposon of <i>Drosophila melanogaster</i> : Mechanisms of mutagenesis and interaction with the suppressor of Hairy-wing locus. <i>Genesis</i> , 1989, 10, 239-248.	3.3	33
18	Crooked neck is a component of the human spliceosome and implicated in the splicing process. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1576, 287-297.	2.4	27

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19	Characterization of development, behavior and neuromuscular physiology in the phorid fly, <i>Megaselia scalaris</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2003, 136, 427-439.	0.8	27
20	Tools and methods for studying the <i>Drosophila</i> JAK/STAT pathway. <i>Methods</i> , 2014, 68, 160-172.	1.9	23
21	Activated RIC, a small GTPase, genetically interacts with the Ras pathway and calmodulin during <i>Drosophila</i> development. <i>Developmental Dynamics</i> , 2005, 232, 817-826.	0.8	20
22	Developmental consequences of neuromuscular junctions with reduced presynaptic calcium channel function. <i>Synapse</i> , 2005, 57, 132-147.	0.6	20
23	Sex Determination: Controlling the Master. <i>Current Biology</i> , 2007, 17, R328-R330.	1.8	19
24	Effects of inhibiting mTOR with rapamycin on behavior, development, neuromuscular physiology, and cardiac function in larval <i>Drosophila</i> . <i>Biology Open</i> , 2019, 8, .	0.6	14
25	Contrasting mechanisms of stem cell maintenance in <i>Drosophila</i> . <i>Seminars in Cell and Developmental Biology</i> , 2006, 17, 518-533.	2.3	13
26	Effect of Temperature on Heart Rate for <i>Lucilia sericata</i> (syn <i>Phaenicia sericata</i> ) and <i>Drosophila melanogaster</i> with Altered Expression of the TrpA1 Receptors. <i>Insects</i> , 2021, 12, 38.	1.0	5
27	Reduced and Misexpression of 5-HT2 Receptors Alters Development, Behavior and CNS Activity in <i>Drosophila melanogaster</i> . <i>International Journal of Zoological Research</i> , 2009, 5, 101-114.	0.6	4
28	Mechanotherapy Reprograms Aged Muscle Stromal Cells to Remodel the Extracellular Matrix during Recovery from Disuse. <i>Function</i> , 2022, 3, zqac015.	1.1	4
29	Glypicans regulate JAK/STAT signaling and distribution of the Unpaired morphogen. <i>Journal of Cell Science</i> , 2012, 125, e1-e1.	1.2	1
30	Glia Excitation in the CNS Modulates Intact Behaviors and Sensory-CNS-Motor Circuitry. <i>Neuroglia</i> (Basel, Switzerland), 2022, 3, 23-40.	0.3	0