

Douglas A Harrison

List of Publications by Citations

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30
papers

3,095
citations

19
h-index

30
g-index

30
ext. papers

3,536
ext. citations

6.2
avg, IF

5.13
L-index

#	Paper	IF	Citations
30	The JAK/STAT signaling pathway. <i>Journal of Cell Science</i> , 2004 , 117, 1281-3	5.3	1207
29	Drosophila unpaired encodes a secreted protein that activates the JAK signaling pathway. <i>Genes and Development</i> , 1998 , 12, 3252-63	12.6	276
28	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, 8557-62	11.5	203
27	The Jak/STAT pathway. <i>Cold Spring Harbor Perspectives in Biology</i> , 2012 , 4,	10.2	192
26	The Drosophila melanogaster suppressor of Hairy-wing protein binds to specific sequences of the gypsy retrotransposon. <i>Genes and Development</i> , 1988 , 2, 1414-23	12.6	168
25	The Drosophila 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, 1205-15	12.6	157
24	A gradient of JAK pathway activity patterns the anterior-posterior axis of the follicular epithelium. <i>Developmental Cell</i> , 2003 , 4, 167-77	10.2	145
23	Simple and efficient generation of marked clones in Drosophila. <i>Current Biology</i> , 1993 , 3, 424-33	6.3	125
22	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, 1966-78	12.6	107
21	JAK signaling is somatically required for follicle cell differentiation in Drosophila. <i>Development (Cambridge)</i> , 2002 , 129, 705-717	6.6	98
20	Two Drosophila suppressors of cytokine signaling (SOCS) differentially regulate JAK and EGFR pathway activities. <i>BMC Cell Biology</i> , 2004 , 5, 38		66
19	An evolutionarily conserved Rit GTPase-p38 MAPK signaling pathway mediates oxidative stress resistance. <i>Molecular Biology of the Cell</i> , 2011 , 22, 3231-41	3.5	52
18	JAK signaling is somatically required for follicle cell differentiation in Drosophila. <i>Development (Cambridge)</i> , 2002 , 129, 705-17	6.6	49
17	Glypicans regulate JAK/STAT signaling and distribution of the Unpaired morphogen. <i>Development (Cambridge)</i> , 2012 , 139, 4162-71	6.6	38
16	The RNA polymerase II 15-kilodalton subunit is essential for viability in Drosophila melanogaster. <i>Molecular and Cellular Biology</i> , 1992 , 12, 928-935	4.8	34
15	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, 287-97		25
14	The gypsy retrotransposon of Drosophila melanogaster: mechanisms of mutagenesis and interaction with the suppressor of Hairy-wing locus. <i>Genesis</i> , 1989 , 10, 239-48		24

13	Characterization of development, behavior and neuromuscular physiology in the phorid fly, <i>Megaselia scalaris</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2003 , 136, 427-39	2.6	23
12	Pleiotropy of the <i>Drosophila</i> JAK pathway cytokine Unpaired 3 in development and aging. <i>Developmental Biology</i> , 2014 , 395, 218-31	3.1	19
11	Tools and methods for studying the <i>Drosophila</i> JAK/STAT pathway. <i>Methods</i> , 2014 , 68, 160-72	4.6	18
10	Developmental consequences of neuromuscular junctions with reduced presynaptic calcium channel function. <i>Synapse</i> , 2005 , 57, 132-47	2.4	18
9	Sex determination: controlling the master. <i>Current Biology</i> , 2007 , 17, R328-30	6.3	15
8	Activated RIC, a small GTPase, genetically interacts with the Ras pathway and calmodulin during <i>Drosophila</i> development. <i>Developmental Dynamics</i> , 2005 , 232, 817-26	2.9	11
7	Contrasting mechanisms of stem cell maintenance in <i>Drosophila</i> . <i>Seminars in Cell and Developmental Biology</i> , 2006 , 17, 518-33	7.5	10
6	Effects of inhibiting mTOR with rapamycin on behavior, development, neuromuscular physiology and cardiac function in larval. <i>Biology Open</i> , 2019 , 8,	2.2	6
5	Reduced and Misexpression of 5-HT ₂ Receptors Alters Development, Behavior and CNS Activity in <i>Drosophila melanogaster</i> . <i>International Journal of Zoological Research</i> , 2009 , 5, 101-114	0.7	4
4	Effect of Temperature on Heart Rate for and with Altered Expression of the TrpA1 Receptors. <i>Insects</i> , 2021 , 12,	2.8	4
3	Glypicans regulate JAK/STAT signaling and distribution of the Unpaired morphogen. <i>Journal of Cell Science</i> , 2012 , 125, e1-e1	5.3	1
2	Mechanotherapy Reprograms Aged Muscle Stromal Cells to Remodel the Extracellular Matrix during Recovery from Disuse.. <i>Function</i> , 2022 , 3, zqac015	6.1	0
1	Glia Excitation in the CNS Modulates Intact Behaviors and Sensory-CNS-Motor Circuitry. <i>Neuroglia (Basel, Switzerland)</i> , 2022 , 3, 23-40		