Stephen Brown

List of Publications by Year in descending order

25 papers	1,723 citations	516215 16 h-index	610482 24 g-index
28 all docs	28 docs citations	28 times ranked	4219 citing authors

#	Article	IF	Citations
1	Identification of the first invertebrate interleukin JAK/STAT receptor, the Drosophila gene domeless. Current Biology, 2001, 11, 1700-1705.	1.8	320
2	The red flour beetle's large nose: An expanded odorant receptor gene family in Tribolium castaneum. Insect Biochemistry and Molecular Biology, 2008, 38, 387-397.	1.2	225
3	Characterisation of Upd2, a Drosophila JAK/STAT pathway ligand. Developmental Biology, 2005, 288, 420-433.	0.9	159
4	The Fertile Field of Drosophila JAK/STAT Signalling. Current Biology, 2002, 12, R569-R575.	1.8	154
5	Ethylene receptor expression is regulated during fruit ripening, flower senescence and abscission. Plant Molecular Biology, 1996, 31, 1227-1231.	2.0	123
6	Methotrexate Is a JAK/STAT Pathway Inhibitor. PLoS ONE, 2015, 10, e0130078.	1.1	123
7	A transgene with repeated DNA causes high frequency, post-transcriptional suppression of ACC-oxidase gene expression in tomato. Plant Journal, 1998, 15, 737-746.	2.8	118
8	Genome-wide RNAi screen identifies the Parkinson disease GWAS risk locus SREBF1 as a regulator of mitophagy. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8494-8499.	3.3	109
9	crossveinless-c is a RhoGAP required for actin reorganisation during morphogenesis. Development (Cambridge), 2005, 132, 2389-2400.	1.2	62
10	Direct On-Chip Differentiation of Intestinal Tubules from Induced Pluripotent Stem Cells. International Journal of Molecular Sciences, 2020, 21, 4964.	1.8	49
11	Drosophila grain encodes a GATA transcription factor required for cell rearrangement during morphogenesis. Development (Cambridge), 2000, 127, 4867-4876.	1.2	45
12	Novel level of signalling control in the JAK/STAT pathway revealed by in situ visualisation of protein-protein interaction during Drosophiladevelopment. Development (Cambridge), 2003, 130, 3077-3084.	1.2	44
13	Unphosphorylated STATs go nuclear. Current Opinion in Genetics and Development, 2008, 18, 455-460.	1.5	34
14	JAK/STAT signalling inDrosophila controls cell motility during germ cell migration. Developmental Dynamics, 2006, 235, 958-966.	0.8	33
15	Stem cell regulation by JAK/STAT signaling in Drosophila. Seminars in Cell and Developmental Biology, 2008, 19, 407-413.	2.3	30
16	Advances in genome-wide RNAi cellular screens: a case study using the Drosophila JAK/STAT pathway. BMC Genomics, 2012, 13, 506.	1.2	22
17	A genome-wide RNAi screen identifies MASK as a positive regulator of cytokine receptor stability. Journal of Cell Science, 2018, 131, .	1.2	18
18	Correlation between the secondary structure and surface activity of Î²-sheet forming cationic amphiphilic peptides and their anticancer activity. Colloids and Surfaces B: Biointerfaces, 2022, 209, 112165.	2.5	14

#	Article	IF	Citations
19	Identification and Validation of ERK5 as a DNA Damage Modulating Drug Target in Glioblastoma. Cancers, 2021, 13, 944.	1.7	11
20	Drosophila grain encodes a GATA transcription factor required for cell rearrangement during morphogenesis. Development (Cambridge), 2000, 127, 4867-76.	1.2	10
21	Mechanisms of JAK/STAT pathway negative regulation by the short coreceptor Eye Transformer/Latran. Molecular Biology of the Cell, 2016, 27, 434-441.	0.9	9
22	Designing RNAi Screens to Identify JAK/STAT Pathway Components. Methods in Molecular Biology, 2013, 967, 81-97.	0.4	6
23	Institutional Profile: The Sheffield RNAi screening facility: a service for high-throughput, genome-wide Drosophila RNAi screens. Future Medicinal Chemistry, 2010, 2, 1805-1812.	1.1	3
24	The Sheffield RNAi Screening Facility (SRSF): Portfolio Growth and Technology Development. Combinatorial Chemistry and High Throughput Screening, 2014, 17, 319-321.	0.6	1
25	Editorial. Seminars in Cell and Developmental Biology, 2008, 19, 309-310.	2.3	0