Jamie Russell

List of Publications by Year
in descending order

19 papers	947 citations	932766 10 h-index	794141 19 g-index
20 all docs	20 docs citations	20 times ranked	1898 citing authors

#	Article	IF	Citations
1	NLRP3 activation and mitosis are mutually exclusive events coordinated by NEK7, a new inflammasome component. Nature Immunology, 2016, 17, 250-258.	7.0	532
2	Real-time resolution of point mutations that cause phenovariance in mice. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E440-9.	3.3	75
3	Large-scale forward genetics screening identifies Trpa1 as a chemosensor for predator odor-evoked innate fear behaviors. Nature Communications, 2018, 9, 2041.	5.8	71
4	Probability of phenotypically detectable protein damage by ENU-induced mutations in the Mutagenetix database. Nature Communications, 2018, 9, 441.	5.8	43
5	LMBR1L regulates lymphopoiesis through Wnt/Î²-catenin signaling. Science, 2019, 364, .	6.0	41
6	Excessive endosomal TLR signaling causes inflammatory disease in mice with defective SMCR8-WDR41-C9ORF72 complex function. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11523-E11531.	3.3	40
7	KDM5A mutations identified in autism spectrum disorder using forward genetics. ELife, 2020, 9, .	2.8	27
8	A viable hypomorphic Arnt2 mutation causes hyperphagic obesity, diabetes and hepatic steatosis. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	17
9	Enhanced susceptibility to chemically induced colitis caused by excessive endosomal TLR signaling in LRBA-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11380-11389.	3.3	13
10	Calcium flux control by Pacs1â€Wdr37 promotes lymphocyte quiescence and lymphoproliferative diseases. EMBO Journal, 2021, 40, e104888.	3.5	13
11	The class I myosin MYO1D binds to lipid and protects against colitis. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	12
12	Essential cell-extrinsic requirement for PDIA6 in lymphoid and myeloid development. Journal of Experimental Medicine, 2020, 217, .	4.2	12
13	Mutual inhibition between Prkd2 and Bcl6 controls T follicular helper cell differentiation. Science Immunology, 2020, 5, .	5.6	12
14	Forward genetic analysis using OCT screening identifies Sfxn3 mutations leading to progressive outer retinal degeneration in mice. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12931-12942.	3.3	11
15	Adenosine monophosphate deaminase 3 null mutation causes reduction of naive T cells in mouse peripheral blood. Blood Advances, 2020, 4, 3594-3605.	2.5	7
16	Dominant atopy risk mutations identified by mouse forward genetic analysis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1095-1108.	2.7	7
17	Thousands of induced germline mutations affecting immune cells identified by automated meiotic mapping coupled with machine learning. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	7
18	Germline Saturation Mutagenesis Induces Skeletal Phenotypes in Mice. Journal of Bone and Mineral Research, 2020, 36, 1548-1565.	3.1	5

#	Article	IF	Citations
19	Research Techniques Made Simple: Forward Genetic Screening to Uncover Genes Involved in Skin Biology. Journal of Investigative Dermatology, 2019, 139, 1848-1853.e1.	0.3	2