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List of Publications by Year in descending order

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35 papers	1,706 citations	516215 16 h-index	360668 35 g-index
37 all docs	37 docs citations	37 times ranked	3721 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	Slc15a4, AP-3, and Hermansky-Pudlak syndrome proteins are required for Toll-like receptor signaling in plasmacytoid dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19973-19978.	3.3	183
3	MAVS, cGAS, and endogenous retroviruses in T-independent B cell responses. Science, 2014, 346, 1486-1492.	6.0	105
4	A forward genetic screen reveals roles for Nfkbid , Zeb1 , and Ruvbl2 in humoral immunity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12286-12293.	3.3	104
5	An Slfn2 mutation causes lymphoid and myeloid immunodeficiency due to loss of immune cell quiescence. Nature Immunology, 2010, 11, 335-343.	7.0	78
6	Adjuvant effect of the novel TLR1/TLR2 agonist Diprovocim synergizes with antiâ€“PD-L1 to eliminate melanoma in mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8698-E8706.	3.3	77
7	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
8	Creatine maintains intestinal homeostasis and protects against colitis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1273-E1281.	3.3	56
9	IgD class switching is initiated by microbiota and limited to mucosa-associated lymphoid tissue in mice. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1196-E1204.	3.3	50
10	SLFN2 protection of tRNAs from stress-induced cleavage is essential for T cellâ€“mediated immunity. Science, 2021, 372, .	6.0	43
11	LMBR1L regulates lymphopoiesis through Wnt/Î²-catenin signaling. Science, 2019, 364, .	6.0	41
12	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
13	Insulin resistance and diabetes caused by genetic or diet-induced KBTBD2 deficiency in mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6418-E6426.	3.3	31
14	KDM5A mutations identified in autism spectrum disorder using forward genetics. ELife, 2020, 9, .	2.8	27
15	The ESRP1-GPR137 axis contributes to intestinal pathogenesis. ELife, 2017, 6, .	2.8	24
16	The solute carrier SLC15A4 is required for optimal trafficking of nucleic acidâ€“sensing TLRs and ligands to endolysosomes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200544119.	3.3	24
17	HCFC2 is needed for IRF1- and IRF2-dependent Tlr3 transcription and for survival during viral infections. Journal of Experimental Medicine, 2017, 214, 3263-3277.	4.2	23
18	N4BP1 negatively regulates NF-ÎºB by binding and inhibiting NEMO oligomerization. Nature Communications, 2021, 12, 1379.	5.8	21

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19	A viable hypomorphic Arnt2 mutation causes hyperphagic obesity, diabetes and hepatic steatosis. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	17
20	Skin-specific regulation of SREBP processing and lipid biosynthesis by glycerol kinase 5. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5197-E5206.	3.3	15
21	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
22	Essential requirement for nicastrin in marginal zone and B-1 B cell development. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4894-4901.	3.3	13
23	The class I myosin MYO1D binds to lipid and protects against colitis. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	12
24	Essential cell-extrinsic requirement for PDIA6 in lymphoid and myeloid development. Journal of Experimental Medicine, 2020, 217, .	4.2	12
25	Mutual inhibition between Prkd2 and Bcl6 controls T follicular helper cell differentiation. Science Immunology, 2020, 5, .	5.6	12
26	Mutation of the ER retention receptor KDELR1 leads to cell-intrinsic lymphopenia and a failure to control chronic viral infection. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5706-14.	3.3	11
27	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
28	Genetic and structural studies of RABL3 reveal an essential role in lymphoid development and function. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8563-8572.	3.3	10
29	B-1a Cell Development in Splenectomized Neonatal Mice. Frontiers in Immunology, 2018, 9, 1738.	2.2	7
30	Syndromic immune disorder caused by a viable hypomorphic allele of spliceosome component Snrnp40. Nature Immunology, 2019, 20, 1322-1334.	7.0	7
31	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
32	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
33	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
34	Germline Saturation Mutagenesis Induces Skeletal Phenotypes in Mice. Journal of Bone and Mineral Research, 2020, 36, 1548-1565.	3.1	5
35	RNPS1 inhibits excessive tumor necrosis factor/tumor necrosis factor receptor signaling to support hematopoiesis in mice. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200128119.	3.3	4