Robin M Meyers

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3258715/publications.pdf

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21	6,498	361413 20	713466 21
papers	citations	h-index	g-index

23	23	23	11214
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A genome-wide atlas of co-essential modules assigns function to uncharacterized genes. Nature Genetics, 2021, 53, 638-649.	21.4	86
2	Multimodal Analysis of Composition and Spatial Architecture in Human Squamous Cell Carcinoma. Cell, 2020, 182, 497-514.e22.	28.9	508
3	Small-Molecule and CRISPR Screening Converge to Reveal Receptor Tyrosine Kinase Dependencies in Pediatric Rhabdoid Tumors. Cell Reports, 2019, 28, 2331-2344.e8.	6.4	24
4	Interrogation of Mammalian Protein Complex Structure, Function, and Membership Using Genome-Scale Fitness Screens. Cell Systems, 2018, 6, 555-568.e7.	6.2	126
5	Targetable vulnerabilities in T- and NK-cell lymphomas identified through preclinical models. Nature Communications, 2018, 9, 2024.	12.8	80
6	Computational correction of copy number effect improves specificity of CRISPRâ€“Cas9 essentiality screens in cancer cells. Nature Genetics, 2017, 49, 1779-1784.	21.4	1,436
7	Defining a Cancer Dependency Map. Cell, 2017, 170, 564-576.e16.	28.9	1,794
8	Sequence intrinsic somatic mutation mechanisms contribute to affinity maturation of VRC01-class HIV-1 broadly neutralizing antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8614-8619.	7.1	42
9	CRISPR-Cas9 screen reveals a MYCN-amplified neuroblastoma dependency on EZH2. Journal of Clinical Investigation, 2017, 128, 446-462.	8.2	117
10	Detecting DNA double-stranded breaks in mammalian genomes by linear amplificationâ€“mediated high-throughput genome-wide translocation sequencing. Nature Protocols, 2016, 11, 853-871.	12.0	213
11	Genomic Copy Number Dictates a Gene-Independent Cell Response to CRISPR/Cas9 Targeting. Cancer Discovery, 2016, 6, 914-929.	9.4	485
12	Transcription-associated processes cause DNA double-strand breaks and translocations in neural stem/progenitor cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2258-2263.	7.1	88
13	Long Neural Genes Harbor Recurrent DNA Break Clusters in Neural Stem/Progenitor Cells. Cell, 2016, 164, 644-655.	28.9	225
14	Rapid generation of novel models of RAG1 deficiency by CRISPR/Cas9-induced mutagenesis in murine zygotes. Oncotarget, 2016, 7, 12962-12974.	1.8	11
15	Chromosomal Loop Domains Direct the Recombination of Antigen Receptor Genes. Cell, 2015, 163, 947-959.	28.9	140
16	Orientation-specific joining of AID-initiated DNA breaks promotes antibody class switching. Nature, 2015, 525, 134-139.	27.8	93
17	Sequence-Intrinsic Mechanisms that Target AID Mutational Outcomes on Antibody Genes. Cell, 2015, 163, 1124-1137.	28.9	136
18	Genome-wide detection of DNA double-stranded breaks induced by engineered nucleases. Nature Biotechnology, 2015, 33, 179-186.	17.5	590

#	Article	IF	Citations
19	Developmental propagation of V(D)J recombination-associated DNA breaks and translocations in mature B cells via dicentric chromosomes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10269-10274.	7.1	32
20	Convergent Transcription at Intragenic Super-Enhancers Targets AID-Initiated Genomic Instability. Cell, 2014, 159, 1538-1548.	28.9	221
21	IgH class switching exploits a general property of two DNA breaks to be joined in cis over long chromosomal distances. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2644-2649.	7.1	33