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List of Publications by Year
in descending order

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16 papers	1,647 citations	687363 13 h-index	996975 15 g-index
20 all docs	20 docs citations	20 times ranked	2821 citing authors

#	Article	IF	Citations
1	Mitochondrial stress is relayed to the cytosol by an OMA1â€“DELE1â€“HRI pathway. Nature, 2020, 579, 427-432.	27.8	343
2	CRISPR Interference-Based Platform for Multimodal Genetic Screens in Human iPSC-Derived Neurons. Neuron, 2019, 104, 239-255.e12.	8.1	288
3	Heterochromatin anomalies and double-stranded RNA accumulation underlie C9orf72 poly(PR) toxicity. Science, 2019, 363, .	12.6	181
4	Genome-wide CRISPRi/a screens in human neurons link lysosomal failure to ferroptosis. Nature Neuroscience, 2021, 24, 1020-1034.	14.8	170
5	Dual gene activation and knockout screen reveals directional dependencies in genetic networks. Nature Biotechnology, 2018, 36, 170-178.	17.5	120
6	Early Telomerase Inactivation Accelerates Aging Independently of Telomere Length. Cell, 2015, 160, 928-939.	28.9	108
7	Compromised function of the ESCRT pathway promotes endolysosomal escape of tau seeds and propagation of tau aggregation. Journal of Biological Chemistry, 2019, 294, 18952-18966.	3.4	103
8	Enhanced Longevity by Ibuprofen, Conserved in Multiple Species, Occurs in Yeast through Inhibition of Tryptophan Import. PLoS Genetics, 2014, 10, e1004860.	3.5	80
9	BRD2 inhibition blocks SARS-CoV-2 infection by reducing transcription of the host cell receptor ACE2. Nature Cell Biology, 2022, 24, 24-34.	10.3	47
10	Ceapins block the unfolded protein response sensor ATF6Î± by inducing a neomorphic inter-organelle tether. ELife, 2019, 8, .	6.0	46
11	CCM-3 Promotes C.Âelegans Germline Development by Regulating Vesicle Trafficking Cytokinesis and Polarity. Current Biology, 2017, 27, 868-876.	3.9	44
12	CRISPR-based screens uncover determinants of immunotherapy response in multiple myeloma. Blood Advances, 2020, 4, 2899-2911.	5.2	36
13	A comprehensive phenotypic CRISPR-Cas9 screen of the ubiquitin pathway uncovers roles of ubiquitin ligases in mitosis. Molecular Cell, 2021, 81, 1319-1336.e9.	9.7	24
14	Extending chemical perturbations of the ubiquitin fitness landscape in a classroom setting reveals new constraints on sequence tolerance. Biology Open, 2018, 7, .	1.2	17
15	A high-throughput CRISPR interference screen for dissecting functional regulators of GPCR/cAMP signaling. PLoS Genetics, 2020, 16, e1009103.	3.5	15
16	A highâ€throughput CRISPR interference screen for dissecting functional regulators of GPCR/cAMP signaling. FASEB Journal, 2021, 35, .	0.5	1