

Joel A Schick

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

8,992
citations

567281

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610901

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24
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docs citations

24
times ranked

11318
citing authors

#	ARTICLE	IF	CITATIONS
1	MS4A15 drives ferroptosis resistance through calcium-restricted lipid remodeling. <i>Cell Death and Differentiation</i> , 2022, 29, 670-686.	11.2	35
2	Molecular Signature of Astrocytes for Gene Delivery by the Synthetic Adeno-associated Viral Vector rAAV9P1. <i>Advanced Science</i> , 2022, 9, e2104979.	11.2	7
3	A resource of targeted mutant mouse lines for 5,061 genes. <i>Nature Genetics</i> , 2021, 53, 416-419.	21.4	60
4	Cannabidiol converts NF- κ B into a tumor suppressor in glioblastoma with defined antioxidative properties. <i>Neuro-Oncology</i> , 2021, 23, 1898-1910.	1.2	24
5	Evolutionary and functional analyses demonstrate conserved ferroptosis protection by Arabidopsis GPXs in mammalian cells. <i>FASEB Journal</i> , 2021, 35, e21550.	0.5	5
6	Genome-Wide Analysis of MDHAR Gene Family in Four Cotton Species Provides Insights into Fiber Development via Regulating AsA Redox Homeostasis. <i>Plants</i> , 2021, 10, 227.	3.5	9
7	GTP Cyclohydrolase 1/Tetrahydrobiopterin Counteract Ferroptosis through Lipid Remodeling. <i>ACS Central Science</i> , 2020, 6, 41-53.	11.3	551
8	Nonsense-mediated decay factor SMG7 sensitizes cells to TNF α -induced apoptosis via CYLD tumor suppressor and the noncoding oncogene <i>Pvt1</i> . <i>Molecular Oncology</i> , 2020, 14, 2420-2435.	4.6	8
9	Human and mouse essentiality screens as a resource for disease gene discovery. <i>Nature Communications</i> , 2020, 11, 655.	12.8	64
10	A large scale hearing loss screen reveals an extensive unexplored genetic landscape for auditory dysfunction. <i>Nature Communications</i> , 2017, 8, 886.	12.8	116
11	ACSL4 dictates ferroptosis sensitivity by shaping cellular lipid composition. <i>Nature Chemical Biology</i> , 2017, 13, 91-98.	8.0	2,069
12	ENCoRE: an efficient software for CRISPR screens identifies new players in extrinsic apoptosis. <i>BMC Genomics</i> , 2017, 18, 905.	2.8	15
13	CRISPR-Cas9 enables conditional mutagenesis of challenging loci. <i>Scientific Reports</i> , 2016, 6, 32326.	3.3	10
14	Limitations of <i>In Vivo</i> Reprogramming to Dopaminergic Neurons via a Tricistronic Strategy. <i>Human Gene Therapy Methods</i> , 2015, 26, 107-122.	2.1	2
15	Beyond knockouts: the International Knockout Mouse Consortium delivers modular and evolving tools for investigating mammalian genes. <i>Mammalian Genome</i> , 2015, 26, 456-466.	2.2	27
16	Inactivation of the ferroptosis regulator Gpx4 triggers acute renal failure in mice. <i>Nature Cell Biology</i> , 2014, 16, 1180-1191.	10.3	2,241
17	Glutathione and thioredoxin dependent systems in neurodegenerative disease: What can be learned from reverse genetics in mice. <i>Neurochemistry International</i> , 2013, 62, 738-749.	3.8	30
18	Roquin Paralogs 1 and 2 Redundantly Repress the Icos and Ox40 Costimulator mRNAs and Control Follicular Helper T Cell Differentiation. <i>Immunity</i> , 2013, 38, 655-668.	14.3	178

#	ARTICLE	IF	CITATIONS
19	Direct Cloning of Isogenic Murine DNA in Yeast and Relevance of Isogenicity for Targeting in Embryonic Stem Cells. PLoS ONE, 2013, 8, e74207.	2.5	2
20	The mammalian gene function resource: the international knockout mouse consortium. Mammalian Genome, 2012, 23, 580-586.	2.2	292
21	Evidence for Cardiomyocyte Renewal in Humans. Science, 2009, 324, 98-102.	12.6	2,679
22	High-Throughput Identification of Genes Promoting Neuron Formation and Lineage Choice in Mouse Embryonic Stem Cells. Stem Cells, 2007, 25, 1539-1545.	3.2	13
23	Functional analysis of secreted and transmembrane proteins critical to mouse development. Nature Genetics, 2001, 28, 241-249.	21.4	379
24	glypican-3 Controls Cellular Responses to Bmp4 in Limb Patterning and Skeletal Development. Developmental Biology, 2000, 225, 179-187.	2.0	176