

CAV-2â€”why a canine virus is a neurobiologist's best fr

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Oncolytic Adenovirus: Strategies and Insights for Vector Design and Immuno-Oncolytic Applications. <i>Viruses</i> , 2015, 7, 6009-6042.	3.3	67
2	Transcriptional Response of Human Neurospheres to Helper-Dependent CAV-2 Vectors Involves the Modulation of DNA Damage Response, Microtubule and Centromere Gene Groups. <i>PLoS ONE</i> , 2015, 10, e0133607.	2.5	17
3	Advanced Fluorescence Protein-Based Synapse-Detectors. <i>Frontiers in Synaptic Neuroscience</i> , 2016, 8, 16.	2.5	16
4	A Designer AAV Variant Permits Efficient Retrograde Access to Projection Neurons. <i>Neuron</i> , 2016, 92, 372-382.	8.1	1,007
5	Probing pain pathways with light. <i>Neuroscience</i> , 2016, 338, 248-271.	2.3	19
6	Molecular signatures of neural connectivity in the olfactory cortex. <i>Nature Communications</i> , 2016, 7, 12238.	12.8	86
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8	Coxsackievirus Adenovirus Receptor Loss Impairs Adult Neurogenesis, Synapse Content, and Hippocampus Plasticity. <i>Journal of Neuroscience</i> , 2016, 36, 9558-9571.	3.6	29
9	Membrane Dynamics and Signaling of the Coxsackievirus and Adenovirus Receptor. <i>International Review of Cell and Molecular Biology</i> , 2016, 322, 331-362.	3.2	23
10	Evaluation of WGAâ€‘Cre-dependent topological transgene expression in the rodent brain. <i>Brain Structure and Function</i> , 2017, 222, 717-733.	2.3	16
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15	Input-Timing-Dependent Plasticity in the Hippocampal CA2 Region and Its Potential Role in Social Memory. <i>Neuron</i> , 2017, 95, 1089-1102.e5.	8.1	73
16	Nonhuman Primate Optogenetics: Recent Advances and Future Directions. <i>Journal of Neuroscience</i> , 2017, 37, 10894-10903.	3.6	111
17	Optogenetic approaches for dissecting neuromodulation and GPCR signaling in neural circuits. <i>Current Opinion in Pharmacology</i> , 2017, 32, 56-70.	3.5	92
18	Functional dichotomy in spinal- vs prefrontal-projecting locus coeruleus modules splits descending noradrenergic analgesia from ascending aversion and anxiety in rats. <i>ELife</i> , 2017, 6, .	6.0	178

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20	Genetic Dissection of Neural Circuits: A Decade of Progress. <i>Neuron</i> , 2018, 98, 256-281.	8.1	374
21	Gene Therapies for Polyglutamine Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1049, 395-438.	1.6	16
22	Visceral pain â€œ Novel approaches for optogenetic control of spinal afferents. <i>Brain Research</i> , 2018, 1693, 159-164.	2.2	18
23	A midline thalamic circuit determines reactions to visual threat. <i>Nature</i> , 2018, 557, 183-189.	27.8	128
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26	Advances in optogenetic and chemogenetic methods to study brain circuits in non-human primates. <i>Journal of Neural Transmission</i> , 2018, 125, 547-563.	2.8	64
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32	A Neural Circuit for Gut-Induced Reward. <i>Cell</i> , 2018, 175, 665-678.e23.	28.9	436
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40	A Student's Guide to Neural Circuit Tracing. <i>Frontiers in Neuroscience</i> , 2019, 13, 897.	2.8	107
41	Optogenetic approaches to study the mammalian brain. <i>Current Opinion in Structural Biology</i> , 2019, 57, 157-163.	5.7	42
42	CAV-2 Vector Development and Gene Transfer in the Central and Peripheral Nervous Systems. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 71.	2.9	37
43	A whole-brain atlas of monosynaptic input targeting four different cell types in the medial prefrontal cortex of the mouse. <i>Nature Neuroscience</i> , 2019, 22, 657-668.	14.8	155
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63	CAV-2-Mediated GFP and LRRK2G2019S Expression in the Macaca fascicularis Brain. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 49.	2.9	2
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