

Joel Ryan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

804
citations

759233

12
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940533

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22
all docs

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docs citations

22
times ranked

1521
citing authors

#	ARTICLE	IF	CITATIONS
1	Octameric CENP-A Nucleosomes Are Present at Human Centromeres throughout the Cell Cycle. <i>Current Biology</i> , 2013, 23, 764-769.	3.9	198
2	<i>Bacillus subtilis</i> cell diameter is determined by the opposing actions of two distinct cell wall synthetic systems. <i>Nature Microbiology</i> , 2019, 4, 1294-1305.	13.3	125
3	Impaired dopaminergic neuron development and locomotor function in zebrafish with loss of <i>pink1</i> function. <i>European Journal of Neuroscience</i> , 2010, 31, 623-633.	2.6	88
4	Glutamate drives the touch response through a rostral loop in the spinal cord of zebrafish embryos. <i>Developmental Neurobiology</i> , 2009, 69, 780-795.	3.0	64
5	A unified multi-kingdom Golden Gate cloning platform. <i>Scientific Reports</i> , 2019, 9, 10131.	3.3	45
6	Single-molecule imaging reveals that Z-ring condensation is essential for cell division in <i>Bacillus subtilis</i> . <i>Nature Microbiology</i> , 2021, 6, 553-562.	13.3	45
7	Ubiquitome Analysis Reveals PCNA-Associated Factor 15 (PAF15) as a Specific Ubiquitination Target of UHRF1 in Embryonic Stem Cells. <i>Journal of Molecular Biology</i> , 2017, 429, 3814-3824.	4.2	43
8	Recent evolution of a TET-controlled and DPPA3/STELLA-driven pathway of passive DNA demethylation in mammals. <i>Nature Communications</i> , 2020, 11, 5972.	12.8	38
9	A Hybrid Electrical/Chemical Circuit in the Spinal Cord Generates a Transient Embryonic Motor Behavior. <i>Journal of Neuroscience</i> , 2014, 34, 9644-9655.	3.6	31
10	Touch responsiveness in zebrafish requires voltage-gated calcium channel 2.1b. <i>Journal of Neurophysiology</i> , 2012, 108, 148-159.	1.8	27
11	touché Is Required for Touch-Evoked Generator Potentials within Vertebrate Sensory Neurons. <i>Journal of Neuroscience</i> , 2010, 30, 9359-9367.	3.6	24
12	Micro-Meta App: an interactive tool for collecting microscopy metadata based on community specifications. <i>Nature Methods</i> , 2021, 18, 1489-1495.	19.0	16
13	HP1 ^{Δ2} carries an acidic linker domain and requires H3K9me3 for phase separation. <i>Nucleus</i> , 2021, 12, 44-57.	2.2	14
14	Distinct and stage-specific contributions of TET1 and TET2 to stepwise cytosine oxidation in the transition from naive to primed pluripotency. <i>Scientific Reports</i> , 2020, 10, 12066.	3.3	13
15	MethodsJ2: a software tool to capture metadata and generate comprehensive microscopy methods text. <i>Nature Methods</i> , 2021, 18, 1414-1416.	19.0	10