

Terrance J Kubiseski

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

735
citations

1040056

9
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

1060
citing authors

#	ARTICLE	IF	CITATIONS
1	UNC-73 Activates the Rac GTPase and Is Required for Cell and Growth Cone Migrations in <i>C. elegans</i> . <i>Cell</i> , 1998, 92, 785-795.	28.9	303
2	The Intersectin 2 Adaptor Links Wiskott Aldrich Syndrome Protein (WASp)-mediated Actin Polymerization to T Cell Antigen Receptor Endocytosis. <i>Journal of Experimental Medicine</i> , 2001, 194, 1777-1787.	8.5	129
3	Structure and mutagenesis of the Dbl homology domain. <i>Nature Structural Biology</i> , 1998, 5, 1098-1107.	9.7	127
4	Functional Analysis of the <i>Caenorhabditis elegans</i> UNC-73B PH Domain Demonstrates a Role in Activation of the Rac GTPase In Vitro and Axon Guidance In Vivo. <i>Molecular and Cellular Biology</i> , 2003, 23, 6823-6835.	2.3	37
5	The Oxidative Stress Response in <i>Caenorhabditis elegans</i> Requires the GATA Transcription Factor ELT-3 and SKN-1/Nrf2. <i>Genetics</i> , 2017, 206, 1909-1922.	2.9	37
6	The <i>Caenorhabditis elegans</i> Oxidative Stress Response Requires the NHR-49 Transcription Factor. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3857-3863.	1.8	29
7	Developmental Arrest of <i>Caenorhabditis elegans</i> BRAP-2 Mutant Exposed to Oxidative Stress Is Dependent on BRC-1. <i>Journal of Biological Chemistry</i> , 2010, 285, 13437-13443.	3.4	12
8	Microfluidic electric parallel egg-laying assay and application to in-vivo toxicity screening of microplastics using <i>C. elegans</i> . <i>Science of the Total Environment</i> , 2021, 783, 147055.	8.0	10
9	Catalysis of reduction of aldoses (α-D-glucopyranose) by aldose reductase: selectivity for the aldehydic carbonyl group. <i>Carbohydrate Research</i> , 1996, 289, 77-89.	2.3	9
10	BRAP-2 promotes DNA damage induced germline apoptosis in <i>C. elegans</i> through the regulation of SKN-1 and AKT-1. <i>Cell Death and Differentiation</i> , 2018, 25, 1276-1288.	11.2	9
11	Parallel-Channel Electrotaxis and Neuron Screening of <i>Caenorhabditis elegans</i> . <i>Micromachines</i> , 2020, 11, 756.	2.9	8
12	<i>Caenorhabditis elegans</i> wsp-1 Regulation of Synaptic Function at the Neuromuscular Junction. <i>Journal of Biological Chemistry</i> , 2010, 285, 23040-23046.	3.4	7
13	Loss of hif-1 promotes resistance to the exogenous mitochondrial stressor ethidium bromide in <i>Caenorhabditis elegans</i> . <i>BMC Cell Biology</i> , 2016, 17, 34.	3.0	6
14	Semi-mobile <i>C. elegans</i> electrotaxis assay for movement screening and neural monitoring of Parkinson's disease models. <i>Sensors and Actuators B: Chemical</i> , 2020, 316, 128064.	7.8	6
15	Electric egg-laying: a new approach for regulating <i>C. elegans</i> egg-laying behaviour in a microchannel using electric field. <i>Lab on A Chip</i> , 2021, 21, 821-834.	6.0	5
16	Chemical modification of an arginine residue in aldose reductase is enhanced by coenzyme binding: further evidence for conformational change during the reaction mechanism. <i>Advances in Enzyme Regulation</i> , 1993, 33, 197-206.	2.6	1
17	Products of aldose reductase catalysed reduction of aldoses (α-D-glucopyranose). <i>Biochemical Society Transactions</i> , 1996, 24, 458S-458S.	3.4	0
18	The SEM-4 Transcription Factor Is Required for Regulation of the Oxidative Stress Response in <i>Caenorhabditis elegans</i> . <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 3379-3385.	1.8	0