

# Joseph M Bateman

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

713  
citations

686830

13  
h-index

752256

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal Control of Differentiation by the Insulin Receptor/Tor Pathway in <i>Drosophila</i> . <i>Cell</i> , 2004, 119, 87-96.	13.5	103
2	The role of mTOR signalling in neurogenesis, insights from tuberous sclerosis complex. <i>Seminars in Cell and Developmental Biology</i> , 2016, 52, 12-20.	2.3	74
3	Concerted control of gliogenesis by InR/TOR and FGF signalling in the <i>Drosophila</i> post-embryonic brain. <i>Development (Cambridge)</i> , 2012, 139, 2763-2772.	1.2	67
4	Dementia in Parkinson's disease is associated with enhanced mitochondrial complex I deficiency. <i>Movement Disorders</i> , 2016, 31, 352-359.	2.2	66
5	The conserved translocase Tim17 prevents mitochondrial DNA loss. <i>Human Molecular Genetics</i> , 2009, 18, 65-74.	1.4	58
6	Mitochondrial retrograde signaling regulates neuronal function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6000-9.	3.3	53
7	Unkempt Is Negatively Regulated by mTOR and Uncouples Neuronal Differentiation from Growth Control. <i>PLoS Genetics</i> , 2014, 10, e1004624.	1.5	48
8	Regulation of Neurogenesis and Epidermal Growth Factor Receptor Signaling by the Insulin Receptor/Target of Rapamycin Pathway in <i>Drosophila</i> . <i>Genetics</i> , 2008, 179, 843-853.	1.2	43
9	Mitochondrial stress causes neuronal dysfunction via an ATF4-dependent increase in L-2-hydroxyglutarate. <i>Journal of Cell Biology</i> , 2019, 218, 4007-4016.	2.3	38
10	Mitochondrial retrograde signaling in the nervous system. <i>FEBS Letters</i> , 2018, 592, 663-678.	1.3	34
11	Association of a polymorphism in mitochondrial transcription factor A (TFAM) with Parkinson's disease dementia but not dementia with Lewy bodies. <i>Neuroscience Letters</i> , 2013, 557, 177-180.	1.0	29
12	Mitochondrial retrograde signalling in neurological disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190415.	1.8	21
13	Glial enriched gene expression profiling identifies novel factors regulating the proliferation of specific glial subtypes in the <i>Drosophila</i> brain. <i>Gene Expression Patterns</i> , 2014, 16, 61-68.	0.3	14
14	Ras-ERK-ETS inhibition alleviates neuronal mitochondrial dysfunction by reprogramming mitochondrial retrograde signaling. <i>PLoS Genetics</i> , 2018, 14, e1007567.	1.5	14
15	The mTOR pathway component Unkempt regulates neural stem cell and neural progenitor cell cycle in the <i>Drosophila</i> central nervous system. <i>Developmental Biology</i> , 2020, 461, 55-65.	0.9	13
16	Mitochondrial retrograde signaling in the <i>Drosophila</i> nervous system and beyond. <i>Fly</i> , 2016, 10, 19-24.	0.9	12
17	Mechanistic insights into the role of mTOR signaling in neuronal differentiation. <i>Neurogenesis (Austin, Tex)</i> , 2015, 2, e1058684.	1.5	11
18	The zinc finger/RING domain protein Unkempt regulates cognitive flexibility. <i>Scientific Reports</i> , 2021, 11, 16299.	1.6	8

#	ARTICLE	IF	CITATIONS
19	Special Issue on "ROS and mitochondria in nervous system function and disease". FEBS Letters, 2018, 592, 661-662.	1.3	5
20	Mitochondrial DNA Transport in Drosophila Neurons. Methods in Molecular Biology, 2022, 2431, 409-416.	0.4	2