

# Eric Denarier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4392019/publications.pdf>

Version: 2024-02-01

51  
papers

1,725  
citations

257450

24  
h-index

302126

39  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2010  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vasohibins/SVBP are tubulin carboxypeptidases (TCPs) that regulate neuron differentiation. <i>Science</i> , 2017, 358, 1448-1453.	12.6	198
2	The suppression of brain cold-stable microtubules in mice induces synaptic defects associated with neuroleptic-sensitive behavioral disorders. <i>Genes and Development</i> , 2002, 16, 2350-2364.	5.9	149
3	Tau co-organizes dynamic microtubule and actin networks. <i>Scientific Reports</i> , 2015, 5, 9964.	3.3	149
4	STOP Proteins are Responsible for the High Degree of Microtubule Stabilization Observed in Neuronal Cells. <i>Journal of Cell Biology</i> , 1998, 142, 167-179.	5.2	111
5	Suppression of nuclear oscillations in <i>Saccharomyces cerevisiae</i> expressing Glu tubulin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5577-5582.	7.1	73
6	Isolation of the human platelet glycoprotein IIb gene and characterization of the 5' flanking region. <i>Biochemical and Biophysical Research Communications</i> , 1988, 156, 595-601.	2.1	67
7	Tau antagonizes end-binding protein tracking at microtubule ends through a phosphorylation-dependent mechanism. <i>Molecular Biology of the Cell</i> , 2016, 27, 2924-2934.	2.1	60
8	Nonneuronal isoforms of STOP protein are responsible for microtubule cold stability in mammalian fibroblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 6055-6060.	7.1	57
9	Microtubule-associated protein 6 mediates neuronal connectivity through Semaphorin 3E-dependent signalling for axonal growth. <i>Nature Communications</i> , 2015, 6, 7246.	12.8	57
10	MAP6 is an intraluminal protein that induces neuronal microtubules to coil. <i>Science Advances</i> , 2020, 6, eaaz4344.	10.3	56
11	Evidence for new C-terminally truncated variants of $\beta$ - and $\beta$ '-tubulins. <i>Molecular Biology of the Cell</i> , 2016, 27, 640-653.	2.1	43
12	Defective tubulin detyrosination causes structural brain abnormalities with cognitive deficiency in humans and mice. <i>Human Molecular Genetics</i> , 2019, 28, 3391-3405.	2.9	43
13	Calcium-independent cytoskeleton disassembly induced by BAPTA. <i>FEBS Journal</i> , 2004, 271, 3255-3264.	0.2	42
14	MAP6-F Is a Temperature Sensor That Directly Binds to and Protects Microtubules from Cold-induced Depolymerization. <i>Journal of Biological Chemistry</i> , 2012, 287, 35127-35138.	3.4	41
15	Functional Organization of a Schwann Cell Enhancer. <i>Journal of Neuroscience</i> , 2005, 25, 11210-11217.	3.6	39
16	Short- and long-term efficacy of electroconvulsive stimulation in animal models of depression: The essential role of neuronal survival. <i>Brain Stimulation</i> , 2018, 11, 1336-1347.	1.6	38
17	GPIIb and GPIIIa amino acid sequences deduced from human megakaryocyte cDNAs. <i>Molecular Biology Reports</i> , 1990, 14, 27-33.	2.3	37
18	Identification of Novel Bifunctional Calmodulin-binding and Microtubule-stabilizing Motifs in STOP Proteins. <i>Journal of Biological Chemistry</i> , 2001, 276, 30904-30913.	3.4	37

#	ARTICLE	IF	CITATIONS
19	cDNA clones for human platelet GPIIb corresponding to mRNA from megakaryocytes and HEL cells. Evidence for an extensive homology to other Arg-Gly-Asp adhesion receptors. FEBS Journal, 1988, 171, 87-93.	0.2	31
20	A key function for microtubule-associated-protein 6 in activity-dependent stabilisation of actin filaments in dendritic spines. Nature Communications, 2018, 9, 3775.	12.8	30
21	Genomic Structure and Chromosomal Mapping of the Mouse STOP Gene (Mtap6). Biochemical and Biophysical Research Communications, 1998, 243, 791-796.	2.1	29
22	STOP-like Protein 21 Is a Novel Member of the STOP Family, Revealing a Golgi Localization of STOP Proteins. Journal of Biological Chemistry, 2006, 281, 28387-28396.	3.4	28
23	Exon Skipping as a Therapeutic Strategy Applied to an RYR1 Mutation with Pseudo-Exon Inclusion Causing a Severe Core Myopathy. Human Gene Therapy, 2013, 24, 702-713.	2.7	27
24	PCR Cloning and Sequence of the Murine GPIIb Gene Promoter. Biochemical and Biophysical Research Communications, 1993, 195, 1360-1364.	2.1	25
25	3D imaging of the brain morphology and connectivity defects in a model of psychiatric disorders: MAP6-KO mice. Scientific Reports, 2017, 7, 10308.	3.3	25
26	Towards resolving the transcription factor network controlling myelin gene expression. Nucleic Acids Research, 2011, 39, 7974-7991.	14.5	22
27	Presynaptic APP levels and synaptic homeostasis are regulated by Akt phosphorylation of huntingtin. ELife, 2020, 9, .	6.0	21
28	Developmental defects in Huntington's disease show that axonal growth and microtubule reorganization require NUMA1. Neuron, 2022, 110, 36-50.e5.	8.1	21
29	Beyond Neuronal Microtubule Stabilization: MAP6 and CRMP5, Two Converging Stories. Frontiers in Molecular Neuroscience, 2021, 14, 665693.	2.9	19
30	Mutation of Ser172 in Yeast $\beta$ Tubulin Induces Defects in Microtubule Dynamics and Cell Division. PLoS ONE, 2010, 5, e13553.	2.5	16
31	AutoNeuriteJ: An ImageJ plugin for measurement and classification of neuritic extensions. PLoS ONE, 2020, 15, e0234529.	2.5	15
32	Overlap of promoter and coding sequences in the mouse STOP gene (Mtap6). Genomics, 2003, 81, 623-627.	2.9	14
33	A TIRF microscopy assay to decode how tau regulates EB3 tracking at microtubule ends. Methods in Cell Biology, 2017, 141, 179-197.	1.1	14
34	Regulatory modules function in a non-autonomous manner to control transcription of the mbp gene. Nucleic Acids Research, 2011, 39, 2548-2558.	14.5	13
35	Interaction of STOP with neuronal tubulin is independent of polyglutamylaton. Biochemical and Biophysical Research Communications, 2002, 297, 787-793.	2.1	10
36	Non-Microtubular Localizations of Microtubule-Associated Protein 6 (MAP6). PLoS ONE, 2014, 9, e114905.	2.5	10

#	ARTICLE	IF	CITATIONS
37	A role for the microtubule +end protein Bik1 (CLIP170) and the Rho1 GTPase in Snc1 trafficking. <i>Journal of Cell Science</i> , 2016, 129, 3332-41.	2.0	8
38	Pyr1-Mediated Pharmacological Inhibition of LIM Kinase Restores Synaptic Plasticity and Normal Behavior in a Mouse Model of Schizophrenia. <i>Frontiers in Pharmacology</i> , 2021, 12, 627995.	3.5	8
39	Two Antagonistic Microtubule Targeting Drugs Act Synergistically to Kill Cancer Cells. <i>Cancers</i> , 2020, 12, 2196.	3.7	7
40	Functional organization of an <i>Mbp</i> enhancer exposes striking transcriptional regulatory diversity within myelinating glia. <i>Glia</i> , 2016, 64, 175-194.	4.9	6
41	A neurodevelopmental TUBB2B $\beta$ -tubulin mutation impairs Bim1 (yeast EB1)-dependent spindle positioning. <i>Biology Open</i> , 2019, 8, .	1.2	6
42	MAP6 interacts with Tctex1 and Ca <sub>v</sub> 2.2/N-type calcium channels to regulate calcium signalling in neurons. <i>European Journal of Neuroscience</i> , 2017, 46, 2754-2767.	2.6	5
43	TIRF assays for real-time observation of microtubules and actin coassembly: Deciphering tau effects on microtubule/actin interplay. <i>Methods in Cell Biology</i> , 2017, 141, 199-214.	1.1	4
44	Alix is required for activity-dependent bulk endocytosis at brain synapses. <i>PLoS Biology</i> , 2022, 20, e3001659.	5.6	4
45	CRMP4-mediated fornix development involves Semaphorin-3E signaling pathway. <i>ELife</i> , 2021, 10, .	6.0	2
46	Assignment of the STOP gene (MAP6) to human chromosome bands 6p12â†’p11 by fluorescence in situ hybridization. <i>Cytogenetic and Genome Research</i> , 1999, 86, 25-25.	1.1	0
47	Phase from defocus. , 2018, , .		0
48	AutoNeuriteJ: An ImageJ plugin for measurement and classification of neuritic extensions. , 2020, 15, e0234529.		0
49	AutoNeuriteJ: An ImageJ plugin for measurement and classification of neuritic extensions. , 2020, 15, e0234529.		0
50	AutoNeuriteJ: An ImageJ plugin for measurement and classification of neuritic extensions. , 2020, 15, e0234529.		0
51	AutoNeuriteJ: An ImageJ plugin for measurement and classification of neuritic extensions. , 2020, 15, e0234529.		0