

Estelle Sontag

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,535
citations

516561

16
h-index

677027

22
g-index

24
all docs

24
docs citations

24
times ranked

1938
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein phosphatase 2A dysfunction in Alzheimer's disease. <i>Frontiers in Molecular Neuroscience</i> , 2014, 7, 16.	1.4	239
2	Protein Phosphatase 2A Methyltransferase Links Homocysteine Metabolism with Tau and Amyloid Precursor Protein Regulation. <i>Journal of Neuroscience</i> , 2007, 27, 2751-2759.	1.7	216
3	Altered Expression Levels of the Protein Phosphatase 2A Aβ-C Enzyme Are Associated with Alzheimer Disease Pathology. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 287-301.	0.9	212
4	Downregulation of Protein Phosphatase 2A Carboxyl Methylation and Methyltransferase May Contribute to Alzheimer Disease Pathogenesis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 1080-1091.	0.9	173
5	Phosphorylation-mimicking glutamate clusters in the proline-rich region are sufficient to simulate the functional deficiencies of hyperphosphorylated tau protein. <i>Biochemical Journal</i> , 2001, 357, 759-767.	1.7	99
6	Folate Deficiency Induces <i>In Vitro</i> and Mouse Brain Region-Specific Downregulation of Leucine Carboxyl Methyltransferase-1 and Protein Phosphatase 2A B ₁ Subunit Expression That Correlate with Enhanced Tau Phosphorylation. <i>Journal of Neuroscience</i> , 2008, 28, 11477-11487.	1.7	73
7	The Protein Phosphatase PP2A/B ₁ Binds to the Microtubule-associated Proteins Tau and MAP2 at a Motif Also Recognized by the Kinase Fyn. <i>Journal of Biological Chemistry</i> , 2012, 287, 14984-14993.	1.6	73
8	Expression of protein phosphatase 2A mutants and silencing of the regulatory B ₁ subunit induce a selective loss of acetylated and detyrosinated microtubules. <i>Journal of Neurochemistry</i> , 2007, 101, 959-971.	2.1	62
9	Regulation of protein phosphatase 2A methylation by LCMT1 and PME-1 plays a critical role in differentiation of neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2010, 115, 1455-1465.	2.1	52
10	PP2A methylation controls sensitivity and resistance to Aβ ₁₋₄₂ -induced cognitive and electrophysiological impairments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3347-3352.	3.3	48
11	Protein phosphatase 2A and tau: an orchestrated "Pas de Deux". <i>FEBS Letters</i> , 2018, 592, 1079-1095.	1.3	48
12	The protein serine/threonine phosphatases PP2A, PP1 and calcineurin: A triple threat in the regulation of the neuronal cytoskeleton. <i>Molecular and Cellular Neurosciences</i> , 2017, 84, 119-131.	1.0	43
13	Leucine Carboxyl Methyltransferase 1 (LCMT1)-dependent Methylation Regulates the Association of Protein Phosphatase 2A and Tau Protein with Plasma Membrane Microdomains in Neuroblastoma Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 27396-27405.	1.6	40
14	Altered protein phosphatase 2A methylation and Tau phosphorylation in the young and aged brain of methylenetetrahydrofolate reductase (MTHFR) deficient mice. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 214.	1.7	37
15	FAT1 cadherin acts upstream of Hippo signalling through TAZ to regulate neuronal differentiation. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 4653-4669.	2.4	35
16	Protein Phosphatase 2A: More Than a Passenger in the Regulation of Epithelial Cell-Cell Junctions. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 30.	1.8	18
17	Assessment of evidence for or against contributions of Chlamydia pneumoniae infections to Alzheimer's disease etiology. <i>Brain, Behavior, and Immunity</i> , 2020, 83, 22-32.	2.0	18
18	PP2AC Phospho-Tyr307 Antibodies Are Not Specific for this Modification but Are Sensitive to Other PP2AC Modifications Including Leu309 Methylation. <i>Cell Reports</i> , 2020, 30, 3171-3182.e6.	2.9	16

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19	Methylenetetrahydrofolate Reductase Deficiency Deregulates Regional Brain Amyloid- β Protein Precursor Expression and Phosphorylation Levels. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 223-237.	1.2	9
20	FAT1 cadherin controls neuritogenesis during Ntera2 cell differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 625-631.	1.0	9
21	Disturbances in PP2A methylation and one-carbon metabolism compromise Fyn distribution, neuritogenesis, and APP regulation. <i>Journal of Biological Chemistry</i> , 2021, 296, 100237.	1.6	8
22	A new paradigm for regulation of protein phosphatase 2A function via Src and Fyn kinase-mediated tyrosine phosphorylation. <i>Journal of Biological Chemistry</i> , 2022, 298, 102248.	1.6	6
23	A Novel Role of PP2A Methylation in the Regulation of Tight Junction Assembly and Integrity. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	1
24	Establishment of a stable progranulin deficient cell line: a model of frontotemporal dementia with ubiquitin-positive inclusions. <i>FASEB Journal</i> , 2008, 22, 58.5.	0.2	0