

Salvatore Fusco

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8757570/publications.pdf>

Version: 2024-02-01

35
papers

1,904
citations

331259

21
h-index

344852

36
g-index

38
all docs

38
docs citations

38
times ranked

3299
citing authors

#	ARTICLE	IF	CITATIONS
1	An NGF-responsive element targets myo-inositol monophosphatase-1 mRNA to sympathetic neuron axons. <i>Nature Neuroscience</i> , 2010, 13, 291-301.	7.1	193
2	Anodal transcranial direct current stimulation boosts synaptic plasticity and memory in mice via epigenetic regulation of Bdnf expression. <i>Scientific Reports</i> , 2016, 6, 22180.	1.6	178
3	Brain Insulin Resistance and Hippocampal Plasticity: Mechanisms and Biomarkers of Cognitive Decline. <i>Frontiers in Neuroscience</i> , 2019, 13, 788.	1.4	153
4	Brain insulin resistance impairs hippocampal synaptic plasticity and memory by increasing GluA1 palmitoylation through FoxO3a. <i>Nature Communications</i> , 2017, 8, 2009.	5.8	149
5	A role for neuronal cAMP responsive-element binding (CREB)-1 in brain responses to calorie restriction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 621-626.	3.3	141
6	Mammalian life-span determinant p66 ^{shcA} mediates obesity-induced insulin resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13420-13425.	3.3	96
7	Bilirubin as an endogenous modulator of neurotrophin redox signaling. <i>Journal of Neuroscience Research</i> , 2008, 86, 2235-2249.	1.3	81
8	Intraneuronal A β ² accumulation induces hippocampal neuron hyperexcitability through A-type K ⁺ current inhibition mediated by activation of caspases and GSK-3. <i>Neurobiology of Aging</i> , 2015, 36, 886-900.	1.5	78
9	Mitochondrial Superoxide Dismutase: A Promising Target for New Anticancer Therapies. <i>Current Medicinal Chemistry</i> , 2004, 11, 1299-1308.	1.2	76
10	Role of the life span determinant P66shcA in ethanol-induced liver damage. <i>Laboratory Investigation</i> , 2008, 88, 750-760.	1.7	69
11	Modulation of Hippocampal Neural Plasticity by Glucose-Related Signaling. <i>Neural Plasticity</i> , 2015, 1-10.	1.0	67
12	A CREB-Sirt1-Hes1 Circuitry Mediates Neural Stem Cell Response to Glucose Availability. <i>Cell Reports</i> , 2016, 14, 1195-1205.	2.9	66
13	Epigenetic Modulation of Adult Hippocampal Neurogenesis by Extremely Low-Frequency Electromagnetic Fields. <i>Molecular Neurobiology</i> , 2014, 49, 1472-1486.	1.9	64
14	Brain response to calorie restriction. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 3157-3170.	2.4	56
15	Sirt1: Defining eating senescence?. <i>Cell Cycle</i> , 2012, 11, 4135-4146.	1.3	55
16	Abrogation of hepatocyte apoptosis and early appearance of liver dysplasia in ethanol-fed p53-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 97-100.	1.0	43
17	Maternal insulin resistance multigenerationally impairs synaptic plasticity and memory via gametic mechanisms. <i>Nature Communications</i> , 2019, 10, 4799.	5.8	43
18	Loss of Leptin-Induced Modulation of Hippocampal Synaptic Transmission and Signal Transduction in High-Fat Diet-Fed Mice. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 225.	1.8	33

#	ARTICLE	IF	CITATIONS
19	Nutrient withdrawal rescues growth factor-deprived cells from mTOR-dependent damage. <i>Aging</i> , 2010, 2, 487-503.	1.4	33
20	Chronic mild stress alters synaptic plasticity in the nucleus accumbens through GSK3 β -dependent modulation of Kv4.2 channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8143-8153.	3.3	30
21	Altered Nup153 Expression Impairs the Function of Cultured Hippocampal Neural Stem Cells Isolated from a Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2019, 56, 5934-5949.	1.9	28
22	Nutrient-Dependent Changes of Protein Palmitoylation: Impact on Nuclear Enzymes and Regulation of Gene Expression. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3820.	1.8	23
23	Neural Stem Cell-Derived Exosomes Revert HFD-Dependent Memory Impairment via CREB-BDNF Signalling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8994.	1.8	20
24	p66ShcA. <i>Vitamins and Hormones</i> , 2013, 91, 219-241.	0.7	18
25	The Medial Septum Is Insulin Resistant in the AD Presymptomatic Phase: Rescue by Nerve Growth Factor-Driven IRS1 Activation. <i>Molecular Neurobiology</i> , 2019, 56, 535-552.	1.9	18
26	Brain insulin resistance impairs hippocampal plasticity. <i>Vitamins and Hormones</i> , 2020, 114, 281-306.	0.7	17
27	High-Fat Diet Leads to Reduced Protein O-GlcNAcylation and Mitochondrial Defects Promoting the Development of Alzheimer's Disease Signatures. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3746.	1.8	17
28	Plasma BDNF Levels Following Transcranial Direct Current Stimulation Allow Prediction of Synaptic Plasticity and Memory Deficits in 3 \times Tg-AD Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 541.	1.8	16
29	Neural Stem Cell-Derived Extracellular Vesicles Counteract Insulin Resistance-Induced Senescence of Neurogenic Niche. <i>Stem Cells</i> , 2022, 40, 318-331.	1.4	12
30	GSK3 β Modulates Timing-Dependent Long-Term Depression Through Direct Phosphorylation of Kv4.2 Channels. <i>Cerebral Cortex</i> , 2019, 29, 1851-1865.	1.6	8
31	Monitoring the Response of Hyperbilirubinemia in the Mouse Brain by In Vivo Bioluminescence Imaging. <i>International Journal of Molecular Sciences</i> , 2017, 18, 50.	1.8	7
32	Glucose Overload Inhibits Glutamatergic Synaptic Transmission: A Novel Role for CREB-Mediated Regulation of Synaptotagmins 2 and 4. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 810.	1.8	7
33	Smaller, Hungrier Mice. <i>Science</i> , 2006, 311, 1553-1554.	6.0	3
34	Hippocampal Estrogen Signaling Mediates Sex Differences in Retroactive Interference. <i>Biomedicines</i> , 2022, 10, 1387.	1.4	3
35	INSULINO-RESISTENZA E CERVELLO: EVIDENZE MOLECOLARI E NUOVI BIOMARCATORI ALLA BASE DEL LEGAME TRA PATOLOGIE METABOLICHE E NEURODEGENERATIVE. <i>Il Diabete</i> , 2019, 3, .	0.0	0