

Fabrizio Michetti

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,447
citations

136950

32
h-index

138484

58
g-index

61
all docs

61
docs citations

61
times ranked

3113
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunochemical and immunocytochemical localization of S-100 antigen in normal human skin. <i>Nature</i> , 1981, 294, 85-87.	27.8	409
2	The S100B story: from biomarker to active factor in neural injury. <i>Journal of Neurochemistry</i> , 2019, 148, 168-187.	3.9	242
3	Evidence for the presence of S-100 protein in the glial component of the human enteric nervous system. <i>Nature</i> , 1982, 297, 409-410.	27.8	217
4	The S100B protein in biological fluids: more than a lifelong biomarker of brain distress. <i>Journal of Neurochemistry</i> , 2012, 120, 644-659.	3.9	199
5	The Dual Role of Microglia in ALS: Mechanisms and Therapeutic Approaches. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 242.	3.4	180
6	S-100 antigen in satellite cells of the adrenal medulla and the superior cervical ganglion of the rat. <i>Cell and Tissue Research</i> , 1981, 215, 103-12.	2.9	136
7	S100B Protein in Biological Fluids: A Tool for Perinatal Medicine. <i>Clinical Chemistry</i> , 2002, 48, 2097-2104.	3.2	116
8	Immunochemical and immunocytochemical study of S-100 protein in rat adipocytes. <i>Brain Research</i> , 1983, 262, 352-356.	2.2	107
9	Trimethyltin-induced hippocampal degeneration as a tool to investigate neurodegenerative processes. <i>Neurochemistry International</i> , 2011, 58, 729-738.	3.8	106
10	S100B Protein Concentrations in Cord Blood: Correlations with Gestational Age in Term and Preterm Deliveries. <i>Clinical Chemistry</i> , 2000, 46, 998-1000.	3.2	84
11	Increased Urinary S100B Protein as an Early Indicator of Intraventricular Hemorrhage in Preterm Infants: Correlation with the Grade of Hemorrhage. <i>Clinical Chemistry</i> , 2001, 47, 1836-1838.	3.2	83
12	The value of S-100 immunostaining as a diagnostic tool in human malignant melanomas. <i>Virchows Archiv A, Pathological Anatomy and Histology</i> , 1983, 400, 331-343.	1.3	82
13	Serum S100B protein as a marker of severity in Covid-19 patients. <i>Scientific Reports</i> , 2020, 10, 18665.	3.3	68
14	S100b counteracts effects of the neurotoxicant trimethyltin on astrocytes and microglia. <i>Journal of Neuroscience Research</i> , 2005, 81, 677-686.	2.9	63
15	Qualitative and quantitative differences of adipose-derived stromal cells from superficial and deep subcutaneous lipoaspirates: a matter of fat. <i>Cytotherapy</i> , 2015, 17, 1076-1089.	0.7	63
16	Prognostic significance of the Ca ²⁺ binding protein S100A2 in laryngeal squamous-cell carcinoma. <i>International Journal of Cancer</i> , 2000, 89, 345-349.	5.1	58
17	S-100 protein in ?follicular dendritic? cells of rat lymphoid organs. <i>Cell and Tissue Research</i> , 1983, 230, 95-103.	2.9	53
18	S100B Protein Concentrations in Urine Are Correlated with Gestational Age in Healthy Preterm and Term Newborns. <i>Clinical Chemistry</i> , 2001, 47, 1132-1133.	3.2	52

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19	Trimethyltin-induced differential expression of PAR subtypes in reactive astrocytes of the rat hippocampus. <i>Molecular Brain Research</i> , 2004, 122, 93-98.	2.3	52
20	Potential therapeutic targets for ALS: MIR206, MIR208b and MIR499 are modulated during disease progression in the skeletal muscle of patients. <i>Scientific Reports</i> , 2017, 7, 9538.	3.3	48
21	Parvalbumin-Immunoreactive Neurons Are Not Affected by Trimethyltin-Induced Neurodegeneration in the Rat Hippocampus. <i>Experimental Neurology</i> , 1996, 139, 269-277.	4.1	46
22	S100B Protein Concentrations in Amniotic Fluid Correlate with Gestational Age and with Cerebral Ultrasound Scanning Results in Healthy Fetuses. <i>Clinical Chemistry</i> , 2001, 47, 954-956.	3.2	46
23	Expression of astrocytic nestin in the rat hippocampus during trimethyltin-induced neurodegeneration. <i>Neuroscience Letters</i> , 2004, 357, 103-106.	2.1	46
24	The neuroprotective and neurogenic effects of neuropeptide Y administration in an animal model of hippocampal neurodegeneration and temporal lobe epilepsy induced by trimethyltin. <i>Journal of Neurochemistry</i> , 2012, 122, 415-426.	3.9	46
25	S100B Protein in Urine of Preterm Newborns with Ominous Outcome. <i>Pediatric Research</i> , 2005, 58, 1170-1174.	2.3	45
26	Calretinin-Containing Neurons in Trimethyltin-Induced Neurodegeneration in the Rat Hippocampus: An Immunocytochemical Study. <i>Experimental Neurology</i> , 1997, 146, 67-73.	4.1	44
27	S100B protein levels in saliva: correlation with gestational age in normal term and preterm newborns. <i>Clinical Biochemistry</i> , 2005, 38, 229-233.	1.9	42
28	S100B testing in pregnancy. <i>Clinica Chimica Acta</i> , 2003, 335, 1-7.	1.1	41
29	S-100 protein in the testis. <i>Cell and Tissue Research</i> , 1985, 240, 137-42.	2.9	39
30	The Astrocytic S100B Protein with Its Receptor RAGE Is Aberrantly Expressed in SOD1 ^{G93A} Models, and Its Inhibition Decreases the Expression of Proinflammatory Genes. <i>Mediators of Inflammation</i> , 2017, 2017, 1-14.	3.0	38
31	S-100-like immunoreactivity in a planarian. <i>Cell and Tissue Research</i> , 1982, 223, 575-82.	2.9	37
32	Gene Expression Profiling as a Tool to Investigate the Molecular Machinery Activated during Hippocampal Neurodegeneration Induced by Trimethyltin (TMT) Administration. <i>International Journal of Molecular Sciences</i> , 2013, 14, 16817-16835.	4.1	33
33	Enhanced neurogenesis during trimethyltin-induced neurodegeneration in the hippocampus of the adult rat. <i>Brain Research Bulletin</i> , 2005, 65, 471-477.	3.0	32
34	Satellite cells in the normal human adrenal gland and in pheochromocytomas. <i>Vigiliae Christianae</i> , 1985, 49, 13-21.	0.1	30
35	Maternal Nitric Oxide Supplementation Decreases Cord Blood S100B in Intrauterine Growth-retarded Fetuses. <i>Clinical Chemistry</i> , 2002, 48, 647-650.	3.2	30
36	Cellular targets for neuropeptide Y-mediated control of adult neurogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 85.	3.7	30

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37	Estrogen administration modulates hippocampal GABAergic subpopulations in the hippocampus of trimethyltin-treated rats. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 433.	3.7	30
38	S100B protein in biological fluids: a tool for perinatal medicine. <i>Clinical Chemistry</i> , 2002, 48, 2097-104.	3.2	28
39	Neuronal Subpopulations of Developing Rat Hippocampus Containing Different Calcium-Binding Proteins Behave Distinctively in Trimethyltin-Induced Neurodegeneration. <i>Experimental Neurology</i> , 1998, 154, 645-653.	4.1	26
40	The S100B Inhibitor Pentamidine Ameliorates Clinical Score and Neuropathology of Relapsing-Remitting Multiple Sclerosis Mouse Model. <i>Cells</i> , 2020, 9, 748.	4.1	26
41	Trimethyltin intoxication upregulates nitric oxide synthase in neurons and purinergic ionotropic receptor 2 in astrocytes in the hippocampus. <i>Journal of Neuroscience Research</i> , 2010, 88, 500-509.	2.9	25
42	The Neurogenic Effects of Exogenous Neuropeptide Y: Early Molecular Events and Long-Lasting Effects in the Hippocampus of Trimethyltin-Treated Rats. <i>PLoS ONE</i> , 2014, 9, e88294.	2.5	24
43	The S100A4 Transcriptional Inhibitor Niclosamide Reduces Pro-Inflammatory and Migratory Phenotypes of Microglia: Implications for Amyotrophic Lateral Sclerosis. <i>Cells</i> , 2019, 8, 1261.	4.1	24
44	Grafting and Early Expression of Growth Factors from Adipose-Derived Stem Cells Transplanted into the Cochlea, in a Guinea Pig Model of Acoustic Trauma. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 334.	3.7	22
45	Specific Binding Sites for S-100 Protein in Isolated Brain Nuclei. <i>Journal of Neurochemistry</i> , 1981, 36, 1698-1705.	3.9	21
46	Over-Expression of hNGF in Adult Human Olfactory Bulb Neural Stem Cells Promotes Cell Growth and Oligodendrocytic Differentiation. <i>PLoS ONE</i> , 2013, 8, e82206.	2.5	21
47	Growing role of S100B protein as a putative therapeutic target for neurological- and nonneurological-disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 446-458.	6.1	20
48	Immunochemical detection of S-100 protein in non-nervous structures of the rabbit eye. <i>Brain Research</i> , 1985, 332, 358-360.	2.2	19
49	Spinal Fusion in the Next Generation: Gene and Cell Therapy Approaches. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	2.1	18
50	S100B Protein as a Therapeutic Target in Multiple Sclerosis: The S100B Inhibitor Arundic Acid Protects from Chronic Experimental Autoimmune Encephalomyelitis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13558.	4.1	14
51	Subnuclear Distribution of the S-100 Protein Specific Binding Sites in Rat Brain. <i>Journal of Neurochemistry</i> , 1981, 36, 1706-1711.	3.9	13
52	Trimethyltin Modulates Reelin Expression and Endogenous Neurogenesis in the Hippocampus of Developing Rats. <i>Neurochemical Research</i> , 2016, 41, 1559-1569.	3.3	13
53	The Italian law on body donation: A position paper of the Italian College of Anatomists. <i>Annals of Anatomy</i> , 2021, 238, 151761.	1.9	13
54	S100B modulates growth factors and costimulatory molecules expression in cultured human astrocytes. <i>Journal of Neuroimmunology</i> , 2012, 243, 95-99.	2.3	12

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55	The Neuroprotective Effects of 17 β -Estradiol Pretreatment in a Model of Neonatal Hippocampal Injury Induced by Trimethyltin. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 385.	3.7	11
56	In Silico Evaluation of Putative S100B Interacting Proteins in Healthy and IBD Gut Microbiota. <i>Cells</i> , 2020, 9, 1697.	4.1	10
57	Post-natal Deletion of Neuronal cAMP Responsive-Element Binding (CREB)-1 Promotes Pro-inflammatory Changes in the Mouse Hippocampus. <i>Neurochemical Research</i> , 2017, 42, 2230-2245.	3.3	9
58	Occurrence of Total and Proteinase K-Resistant Alpha-Synuclein in Glioblastoma Cells Depends on mTOR Activity. <i>Cancers</i> , 2022, 14, 1382.	3.7	4
59	Studies on the S-100 Antigen in Cerebrospinal Fluid of Neurological Patients. <i>Protides of the Biological Fluids; Proceedings of the Colloquium</i> , 1983, 30, 205-208.	0.1	0
60	Identification of Nuclear Protein Antigens of Rat Brain. <i>Protides of the Biological Fluids; Proceedings of the Colloquium</i> , 1983, 30, 163-166.	0.1	0