SÃ©rgio Teixeira Ferreira

List of Publications by Year
in descending order

191 papers	14,295 citations	20036 63 h-index	25983 112 g-index
201 all docs	201 docs citations	201 times ranked	18830 citing authors

#	Article	IF	Citations
1	Impaired insulin signalling and allostatic load in Alzheimer disease. Nature Reviews Neuroscience, 2022, 23, 215-230.	4.9	72
2	Inflammation at the crossroads of COVID-19, cognitive deficits and depression. Neuropharmacology, 2022, 209, 109023.	2.0	38
3	Uncovering bidirectional brain-body interactions in health and disease. Neuropharmacology, 2022, 212, 109073.	2.0	0
4	Roles of glutamate receptors in a novel in vitro model of early, comorbid cerebrovascular, and Alzheimerâ€™s diseases. Journal of Neurochemistry, 2021, 156, 539-552.	2.1	4
5	Dementia in Latin America: Paving the way toward a regional action plan. Alzheimer's and Dementia, 2021, 17, 295-313.	0.4	68
6	Correction of eIF2-dependent defects in brain protein synthesis, synaptic plasticity, and memory in mouse models of Alzheimerâ€™s disease. Science Signaling, 2021, 14, .	1.6	75
7	Interleukin-1Î² mediates alterations in mitochondrial fusion/fission proteins and memory impairment induced by amyloid-Î² oligomers. Journal of Neuroinflammation, 2021, 18, 54.	3.1	40
8	Brain insulin, insulinâ€like growth factor 1 and glucagonâ€like peptide 1 signalling in Alzheimerâ€™s disease. Journal of Neuroendocrinology, 2021, 33, e12959.	1.2	35
9	Pro-inflammatory interleukin-6 signaling links cognitive impairments and peripheral metabolic alterations in Alzheimerâ€™s disease. Translational Psychiatry, 2021, 11, 251.	2.4	112
10	Dementia is an ageâ€independent risk factor for severity and death in COVIDâ€19 inpatients. Alzheimer's and Dementia, 2021, 17, 1818-1831.	0.4	71
11	Rapid size-exclusion high performance liquid chromatography method for the quality control of amyloid-Î² oligomers. Journal of Chromatography A, 2021, 1643, 462024.	1.8	2
12	Innate immune memory mediates increased susceptibility to Alzheimerâ€™s disease-like pathology in sepsis surviving mice. Brain, Behavior, and Immunity, 2021, 95, 287-298.	2.0	18
13	Cerebrospinal Fluid Neurotransmitters, Cytokines, and Chemokines in Alzheimerâ€™s and Lewy Body Diseases. Journal of Alzheimer's Disease, 2021, 82, 1067-1074.	1.2	13
14	A Specialized Nutritional Formulation Prevents Hippocampal Glial Activation and Memory Impairment Induced by Amyloid-Î² Oligomers in Mice. Journal of Alzheimer's Disease, 2021, 83, 1113-1124.	1.2	1
15	LDL Receptor Deficiency Does not Alter Brain Amyloid-Î² Levels but Causes an Exacerbation of Apoptosis. Journal of Alzheimer's Disease, 2020, 73, 585-596.	1.2	16
16	Adenovirus-Mediated Transduction of Insulin-Like Growth Factor 1 Protects Hippocampal Neurons from the Toxicity of AÎ² Oligomers and Prevents Memory Loss in an Alzheimer Mouse Model. Molecular Neurobiology, 2020, 57, 1473-1483.	1.9	19
17	Modulation in phase and frequency of neural oscillations during epileptiform activity induced by neonatal Zika virus infection in mice. Scientific Reports, 2020, 10, 6763.	1.6	8
18	Cerebrospinal fluid irisin correlates with amyloidâ€Î², BDNF, and cognition in Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12034.	1.2	32

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19	Palmitate Is Increased in the Cerebrospinal Fluid of Humans with Obesity and Induces Memory Impairment in Mice via Pro-inflammatory TNF-Î±. Cell Reports, 2020, 30, 2180-2194.e8.	2.9	80
20	Insulin and leptin as potential cognitive enhancers in metabolic disorders and Alzheimer's disease. Neuropharmacology, 2020, 171, 108115.	2.0	27
21	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and the Central Nervous System. Trends in Neurosciences, 2020, 43, 355-357.	4.2	193
22	Amyloidâ€Î²2 oligomers in cellular models of Alzheimerâ€™s disease. Journal of Neurochemistry, 2020, 155, 348-369.	2.1	50
23	The aroylhydrazone INHHQ prevents memory impairment induced by Alzheimerâ€™s-linked amyloid-Î²2 oligomers in mice. Behavioural Pharmacology, 2020, 31, 738-747.	0.8	9
24	Mania-like elevated mood in rats: Enhanced 50-kHz ultrasonic vocalizations after sleep deprivation. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 88, 142-150.	2.5	20
25	Zika virus replicates in adult human brain tissue and impairs synapses and memory in mice. Nature Communications, 2019, 10, 3890.	5.8	135
26	Using a portable total reflection Xâ€ray fluorescence system for a multielement analysis of Swiss mice brains with experimental Alzheimer's disease induced by Î²â€amyloid oligomers. X-Ray Spectrometry, 2019, 48, 452-464.	0.9	4
27	Diet-Derived Fatty Acids, Brain Inflammation, and Mental Health. Frontiers in Neuroscience, 2019, 13, 265.	1.4	74
28	Neonatal infection leads to increased susceptibility to AÎ²2 oligomer-induced brain inflammation, synapse loss and cognitive impairment in mice. Cell Death and Disease, 2019, 10, 323.	2.7	23
29	Extracellular vesicles derived from human Whartonâ€™s jelly mesenchymal stem cells protect hippocampal neurons from oxidative stress and synapse damage induced by amyloid-Î²2 oligomers. Stem Cell Research and Therapy, 2019, 10, 332.	2.4	86
30	Exercise-linked FNDC5/irisin rescues synaptic plasticity and memory defects in Alzheimerâ€™s models. Nature Medicine, 2019, 25, 165-175.	15.2	511
31	Neuroprotective Actions of Glucagon-Like Peptide-1 (GLP-1) Analogues in Alzheimerâ€™s and Parkinsonâ€™s Diseases. CNS Drugs, 2019, 33, 209-223.	2.7	49
32	The diabetes drug liraglutide reverses cognitive impairment in mice and attenuates insulin receptor and synaptic pathology in a nonâ€human primate model of Alzheimer's disease. Journal of Pathology, 2018, 245, 85-100.	2.1	180
33	Mesenchymal stem cells and cell-derived extracellular vesicles protect hippocampal neurons from oxidative stress and synapse damage induced by amyloid-Î²2 oligomers. Journal of Biological Chemistry, 2018, 293, 1957-1975.	1.6	146
34	Brain Inflammation Connects Cognitive and Non-Cognitive Symptoms in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2018, 64, S313-S327.	1.2	31
35	Brain-Defective Insulin Signaling Is Associated to Late Cognitive Impairment in Post-Septic Mice. Molecular Neurobiology, 2018, 55, 435-444.	1.9	26
36	Crosstalk between endoplasmic reticulum stress and brain inflammation in Alzheimer's disease. Neuropharmacology, 2018, 136, 350-360.	2.0	61

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37	Blood Levels of Glutamate and Glutamine in Recent Onset and Chronic Schizophrenia. Frontiers in Psychiatry, 2018, 9, 713.	1.3	39
38	Elevated Glutamate and Glutamine Levels in the Cerebrospinal Fluid of Patients With Probable Alzheimer's Disease and Depression. Frontiers in Psychiatry, 2018, 9, 561.	1.3	126
39	Are Alzheimer's disease and other neurodegenerative disorders caused by impaired signalling of insulin and other hormones?. Neuropharmacology, 2018, 136, 159.	2.0	3
40	Free-floating adult human brain-derived slice cultures as a model to study the neuronal impact of Alzheimerâ€™s disease-associated AÎ² oligomers. Journal of Neuroscience Methods, 2018, 307, 203-209.	1.3	27
41	Acute and chronic neurological consequences of early-life Zika virus infection in mice. Science Translational Medicine, 2018, 10, .	5.8	109
42	Getting a â€œGRiPâ€•on Hypothalamic Endoplasmic Reticulum Stress to Combat Obesity. Diabetes, 2017, 66, 17-19.	0.3	6
43	Interaction of amyloid-Î² (AÎ²) oligomers with neurexin 2Î± and neuroligin 1 mediates synapse damage and memory loss in mice. Journal of Biological Chemistry, 2017, 292, 7327-7337.	1.6	67
44	Chronic sleep restriction promotes brain inflammation and synapse loss, and potentiates memory impairment induced by amyloid-Î² oligomers in mice. Brain, Behavior, and Immunity, 2017, 64, 140-151.	2.0	89
45	Astrocyte Transforming Growth Factor Beta 1 Protects Synapses against AÎ² Oligomers in Alzheimer's Disease Model. Journal of Neuroscience, 2017, 37, 6797-6809.	1.7	127
46	Multielement concentration analysis of Swiss mice brains on experimental model of Alzheimer's disease induced by Î²â€amyloid oligomers. X-Ray Spectrometry, 2017, 46, 397-402.	0.9	2
47	Amyloid-Î² oligomers transiently inhibit AMP-activated kinase and cause metabolic defects in hippocampal neurons. Journal of Biological Chemistry, 2017, 292, 7395-7406.	1.6	51
48	Diazepam Inhibits Electrically Evoked and Tonic Dopamine Release in the Nucleus Accumbens and Reverses the Effect of Amphetamine. ACS Chemical Neuroscience, 2017, 8, 300-309.	1.7	15
49	A human scFv antibody that targets and neutralizes high molecular weight pathogenic amyloidâ€Î² oligomers. Journal of Neurochemistry, 2017, 142, 934-947.	2.1	27
50	Neuroprotective astrocyte-derived insulin/insulin-like growth factor 1 stimulates endocytic processing and extracellular release of neuron-bound AÎ² oligomers. Molecular Biology of the Cell, 2017, 28, 2623-2636.	0.9	88
51	Brain infusion of Î±-synuclein oligomers induces motor and non-motor Parkinsonâ€™s disease-like symptoms in mice. Behavioural Brain Research, 2017, 333, 150-160.	1.2	27
52	Protein Tyrosine Phosphatase 1B (PTP1B): A Potential Target for Alzheimerâ€™s Therapy?. Frontiers in Aging Neuroscience, 2017, 9, 7.	1.7	80
53	Cross Talk Between Brain Innate Immunity and Serotonin Signaling Underlies Depressive-Like Behavior Induced by Alzheimer's Amyloid-Î² Oligomers in Mice. Journal of Neuroscience, 2016, 36, 12106-12116.	1.7	116
54	Microglial dysfunction connects depression and Alzheimerâ€™s disease. Brain, Behavior, and Immunity, 2016, 55, 151-165.	2.0	100

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55	<scp>USP</scp>46: a new piece of the memory puzzle?. Journal of Neurochemistry, 2015, 134, 979-981.	2.1	3
56	Mitomycin-treated undifferentiated embryonic stem cells as a safe and effective therapeutic strategy in a mouse model of ParkinsonÃ¢â‚¬â„¢s disease. Frontiers in Cellular Neuroscience, 2015, 9, 97.	1.8	39
57	Alzheimerâ€associated AÎ² oligomers impact the central nervous system to induce peripheral metabolic deregulation. EMBO Molecular Medicine, 2015, 7, 190-210.	3.3	176
58	Soluble amyloid-ÃŽÂ² oligomers as synaptotoxins leading to cognitive impairment in AlzheimerÃ¢â‚¬â„¢s disease. Frontiers in Cellular Neuroscience, 2015, 9, 191.	1.8	284
59	d-serine levels in Alzheimerâ€™s disease: implications for novel biomarker development. Translational Psychiatry, 2015, 5, e561-e561.	2.4	172
60	Neuronal stress signaling and eIF2Î± phosphorylation as molecular links between Alzheimer's disease and diabetes. Progress in Neurobiology, 2015, 129, 37-57.	2.8	65
61	Inflammation, defective insulin signaling, and neuronal dysfunction in Alzheimer's disease. Alzheimer's and Dementia, 2014, 10, S76-83.	0.4	271
62	Alzheimer's Disease-Like Pathology Induced by Amyloid-Î² Oligomers in Nonhuman Primates. Journal of Neuroscience, 2014, 34, 13629-13643.	1.7	189
63	Inflammation, Defective Insulin Signaling, and Mitochondrial Dysfunction as Common Molecular Denominators Connecting Type 2 Diabetes to Alzheimer Disease. Diabetes, 2014, 63, 2262-2272.	0.3	462
64	How does brain insulin resistance develop in Alzheimer's disease?. Alzheimer's and Dementia, 2014, 10, S26-32.	0.4	261
65	Accumulation of Intraneuronal Amyloid-β is Common in Normal Brain. Current Alzheimer Research, 2014, 11, 317-324.	0.7	16
66	TNF-Î± Mediates PKR-Dependent Memory Impairment and Brain IRS-1 Inhibition Induced by Alzheimerâ€™s Î²-Amyloid Oligomers in Mice and Monkeys. Cell Metabolism, 2013, 18, 831-843.	7.2	340
67	Amyloid-Î² oligomers link depressive-like behavior and cognitive deficits in mice. Molecular Psychiatry, 2013, 18, 1053-1054.	4.1	136
68	2,4-dinitrophenol induces neural differentiation of murine embryonic stem cells. Stem Cell Research, 2013, 11, 1407-1416.	0.3	8
69	Deregulation of excitatory neurotransmission underlying synapse failure in Alzheimer's disease. Journal of Neurochemistry, 2013, 126, 191-202.	2.1	145
70	Amyloid-Î² oligomers induce tau-independent disruption of BDNF axonal transport via calcineurin activation in cultured hippocampal neurons. Molecular Biology of the Cell, 2013, 24, 2494-2505.	0.9	57
71	Î±-Secretase-derived fragment of cellular prion, N1, protects against monomeric and oligomeric amyloid Î² (AÎ²)-associated cell death.. Journal of Biological Chemistry, 2013, 288, 21210.	1.6	0
72	The Prion Protein Ligand, Stress-Inducible Phosphoprotein 1, Regulates Amyloid-Î² Oligomer Toxicity. Journal of Neuroscience, 2013, 33, 16552-16564.	1.7	70

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73	Activated microglia mediate synapse loss and short-term memory deficits in a mouse model of transthyretin-related oculoleptomeningeal amyloidosis. Cell Death and Disease, 2013, 4, e789-e789.	2.7	51
74	Memantine Rescues Transient Cognitive Impairment Caused by High-Molecular-Weight AÂ Oligomers But Not the Persistent Impairment Induced by Low-Molecular-Weight Oligomers. Journal of Neuroscience, 2013, 33, 9626-9634.	1.7	160
75	Rescue of Amyloid-Beta-Induced Inhibition of Nicotinic Acetylcholine Receptors by a Peptide Homologous to the Nicotine Binding Domain of the Alpha 7 Subtype. PLoS ONE, 2013, 8, e67194.	1.1	11
76	Î±-Secretase-derived Fragment of Cellular Prion, N1, Protects against Monomeric and Oligomeric Amyloid Î² (AÎ²)-associated Cell Death. Journal of Biological Chemistry, 2012, 287, 5021-5032.	1.6	84
77	Plasma levels of D-serine in Brazilian individuals with schizophrenia. Schizophrenia Research, 2012, 142, 83-87.	1.1	69
78	Inhibition of Choline Acetyltransferase as a Mechanism for Cholinergic Dysfunction Induced by Amyloid-Î² Peptide Oligomers. Journal of Biological Chemistry, 2012, 287, 19377-19385.	1.6	77
79	Human Apolipoprotein A-I Natural Variants: Molecular Mechanisms Underlying Amyloidogenic Propensity. PLoS ONE, 2012, 7, e43755.	1.1	39
80	Amyloid-Î² Oligomers Induce Differential Gene Expression in Adult Human Brain Slices. Journal of Biological Chemistry, 2012, 287, 7436-7445.	1.6	80
81	An anti-diabetes agent protects the mouse brain from defective insulin signaling caused by Alzheimerâ€™s diseaseâ€“associated AÎ² oligomers. Journal of Clinical Investigation, 2012, 122, 1339-1353.	3.9	697
82	The AÎ² oligomer hypothesis for synapse failure and memory loss in Alzheimerâ€™s disease. Neurobiology of Learning and Memory, 2011, 96, 529-543.	1.0	386
83	Amyloid Î²-Peptide Oligomers Stimulate RyR-Mediated Ca²⁺ Release Inducing Mitochondrial Fragmentation in Hippocampal Neurons and Prevent RyR-Mediated Dendritic Spine Remodeling Produced by BDNF. Antioxidants and Redox Signaling, 2011, 14, 1209-1223.	2.5	118
84	Secreted Human Amyloid Precursor Protein Binds Semaphorin 3a and Prevents Semaphorin-Induced Growth Cone Collapse. PLoS ONE, 2011, 6, e22857.	1.1	14
85	Protein kinase C activity regulates d-serine availability in the brain. Journal of Neurochemistry, 2011, 116, 281-290.	2.1	30
86	Amyloid-beta oligomers increase the localization of prion protein at the cell surface. Journal of Neurochemistry, 2011, 117, 538-553.	2.1	60
87	Amyloid-Î² Decreases Nitric Oxide Production in Cultured Retinal Neurons: A Possible Mechanism for Synaptic Dysfunction in Alzheimerâ€™s Disease?. Neurochemical Research, 2011, 36, 163-169.	1.6	23
88	Aβ Oligomers Induce Glutamate Release from Hippocampal Neurons. Current Alzheimer Research, 2011, 8, 552-562.	0.7	88
89	Activation of D1/D5 Dopamine Receptors Protects Neurons from Synapse Dysfunction Induced by Amyloid-Î² Oligomers. Journal of Biological Chemistry, 2011, 286, 3270-3276.	1.6	77
90	Human Apolipoprotein A-I-Derived Amyloid: Its Association with Atherosclerosis. PLoS ONE, 2011, 6, e22532.	1.1	56

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91	Expression Profile of Rat Hippocampal Neurons Treated with the Neuroprotective Compound 2,4-Dinitrophenol: Up-Regulation of cAMP Signaling Genes. Neurotoxicity Research, 2010, 18, 112-123.	1.3	17
92	Nicotinic Receptors, Amyloid-Î², and Synaptic Failure in Alzheimerâ€™s Disease. Journal of Molecular Neuroscience, 2010, 40, 221-229.	1.1	54
93	Nâ€Methylâ€<scp>d</scp>â€aspartate receptors are required for synaptic targeting of Alzheimerâ€™s toxic amyloidâ€Î² peptide oligomers. Journal of Neurochemistry, 2010, 115, 1520-1529.	2.1	141
94	Amyloid-Â Peptide Oligomers Disrupt Axonal Transport through an NMDA Receptor-Dependent Mechanism That Is Mediated by Glycogen Synthase Kinase 3Â in Primary Cultured Hippocampal Neurons. Journal of Neuroscience, 2010, 30, 9166-9171.	1.7	187
95	2,4-Dinitrophenol Blocks Neurodegeneration and Preserves Sciatic Nerve Function after Trauma. Journal of Neurotrauma, 2010, 27, 829-841.	1.7	25
96	Amyloid-Î² Triggers the Release of Neuronal Hexokinase 1 from Mitochondria. PLoS ONE, 2010, 5, e15230.	1.1	86
97	Protection of synapses against Alzheimer's-linked toxins: Insulin signaling prevents the pathogenic binding of AÎ² oligomers. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1971-1976.	3.3	592
98	Conformational plasticity of DM43, a metalloproteinase inhibitor from Didelphis marsupialis: Chemical and pressure-induced equilibrium (un)folding studies. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 1379-1386.	1.1	5
99	Human apolipoprotein Aâ€“I binds amyloid-Î² and prevents AÎ²-induced neurotoxicity. International Journal of Biochemistry and Cell Biology, 2009, 41, 1361-1370.	1.2	114
100	Amyloid-like Aggregation Of A Human Apolipoprotein A-I Variant. Biophysical Journal, 2009, 96, 89a.	0.2	0
101	Correction for De Felice et al., Protection of synapses against Alzheimer's-linked toxins: Insulin signaling prevents the pathogenic binding of AÎ² oligomers. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7678-7678.	3.3	4
102	Reductive inactivation of yeast glutathione reductase by Fe(II) and NADPH. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, 313-321.	0.8	11
103	Amyloid-Î² Binds to the Extracellular Cysteine-rich Domain of Frizzled and Inhibits Wnt/Î²-Catenin Signaling. Journal of Biological Chemistry, 2008, 283, 9359-9368.	1.6	214
104	Small-molecule aggregation inhibitors reduce excess amyloid in a trisomy 16 mouse cortical cell line. Biological Research, 2008, 41, .	1.5	2
105	Small-molecule aggregation inhibitors reduce excess amyloid in a trisomy 16 mouse cortical cell line. Biological Research, 2008, 41, 129-36.	1.5	2
106	Cyclic AMP Enhancers and AÎ² Oligomerization Blockers as Potential Therapeutic Agents in Alzheimers Disease. Current Alzheimer Research, 2007, 4, 263-271.	0.7	44
107	Structure and functions of the human amyloid precursor protein: The whole is more than the sum of its parts. Progress in Neurobiology, 2007, 82, 11-32.	2.8	155
108	AÎ² Oligomers Induce Neuronal Oxidative Stress through an N-Methyl-D-aspartate Receptor-dependent Mechanism That Is Blocked by the Alzheimer Drug Memantine. Journal of Biological Chemistry, 2007, 282, 11590-11601.	1.6	769

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109	Neuroprotective actions of 2,4-dinitrophenol: Friend or foe?. Dementia E Neuropsychologia, 2007, 1, 334-338.	0.3	3
110	Soluble oligomers from a nonâ€disease related protein mimic AÎ²â€induced tau hyperphosphorylation and neurodegeneration. Journal of Neurochemistry, 2007, 103, 736-748.	2.1	78
111	Whither Latin America? trends and challenges of science in Latin America. IUBMB Life, 2007, 59, 199-210.	1.5	34
112	Soluble protein oligomers as emerging toxins in alzheimer's and other amyloid diseases. IUBMB Life, 2007, 59, 332-345.	1.5	289
113	Interrogating global gene expression in rat neuronal cultures using SAGE. Neurotoxicity Research, 2007, 12, 209-214.	1.3	0
114	Molecules that Disrupt Memory Circuits in Alzheimerâ€™s Disease: The Attack on Synapses by AÎ² Oligomers (ADDLs). Research and Perspectives in Neurosciences, 2007, , 155-179.	0.4	13
115	Long-Lived Conformational Isomerism of Protein Dimers: The Role of the Free Energy of Subunit Association. Biophysical Journal, 2006, 91, 2826-2832.	0.2	6
116	Solution Conformation and Heparin-induced Dimerization of the Full-length Extracellular Domain of the Human Amyloid Precursor Protein. Journal of Molecular Biology, 2006, 357, 493-508.	2.0	63
117	Quantitative histogram analysis of images. Computer Physics Communications, 2006, 175, 620-623.	3.0	25
118	Novel neuroprotective, neuritogenic and anti-amyloidogenic properties of 2,4-dinitrophenol: The gentle face of Janus. IUBMB Life, 2006, 58, 185-191.	1.5	44
119	Metastable, Partially Folded States in the Productive Folding and in the Misfolding and Amyloid Aggregation of Proteins. Cell Biochemistry and Biophysics, 2006, 44, 539-548.	0.9	24
120	Small Molecule Inhibitors of Lysozyme Amyloid Aggregation. Cell Biochemistry and Biophysics, 2006, 44, 549-553.	0.9	54
121	Formation of Soluble Oligomers and Amyloid Fibrils with Physical Properties of the Scrapie Isoform of the Prion Protein from the C-terminal Domain of Recombinant Murine Prion Protein mPrP-(121â€“231). Journal of Biological Chemistry, 2006, 281, 26121-26128.	1.6	30
122	Protein Folding, Misfolding and Aggregation: Evolving Concepts and Conformational Diseases. Protein and Peptide Letters, 2005, 12, 213-222.	0.4	39
123	Peptide Blockers of the Inhibition of Neuronal Nicotinic Acetylcholine Receptors by Amyloid Î². Journal of Biological Chemistry, 2005, 280, 31085-31090.	1.6	42
124	Neuritogenesis and neuronal differentiation promoted by 2,4â€dinitrophenol, a novel antiâ€amyloidogenic compound. FASEB Journal, 2005, 19, 1627-1636.	0.2	42
125	Heparin-binding Sites in Granulocyte-Macrophage Colony-stimulating Factor. Journal of Biological Chemistry, 2005, 280, 31949-31956.	1.6	38
126	Folding and stability of a coiled-coil investigated using chemical and physical denaturing agents: Comparative analysis of polymerized and non-polymerized forms of Î±-tropomyosin. International Journal of Biochemistry and Cell Biology, 2005, 37, 1386-1395.	1.2	6

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127	Acid- and pressure-induced (un)folding of yeast glutathione reductase: Competition between protein oligomerization and aggregation. International Journal of Biochemistry and Cell Biology, 2005, 37, 1890-1899.	1.2	5
128	Structural and morphological characterization of hemozoin produced bySchistosoma mansoniandRhodnius prolixus. FEBS Letters, 2005, 579, 6010-6016.	1.3	112
129	Activation of GABAA receptors by taurine and muscimol blocks the neurotoxicity of Î²-amyloid in rat hippocampal and cortical neurons. Neuropharmacology, 2005, 49, 1140-1148.	2.0	70
130	Stabilization of partially folded states in protein folding/misfolding transitions by hydrostatic pressure. Brazilian Journal of Medical and Biological Research, 2005, 38, 1215-1222.	0.7	8
131	Targeting the neurotoxic species in Alzheimer's disease: inhibitors of AÎ² oligomerization. FASEB Journal, 2004, 18, 1366-1372.	0.2	190
132	Inhibition of Heme Aggregation by Chloroquine ReducesSchistosoma mansoniInfection. Journal of Infectious Diseases, 2004, 190, 843-852.	1.9	72
133	Redesigning the Folding Energetics of a Model Three-helix Bundle Protein by Site-directed Mutagenesis. Journal of Biological Chemistry, 2004, 279, 10991-10996.	1.6	12
134	Amyloidogenicity and Cytotoxicity of Recombinant Mature Human Islet Amyloid Polypeptide (rhIAPP). Journal of Biological Chemistry, 2004, 279, 42803-42810.	1.6	43
135	Biological evaluation of a protein isolate from cowpea (Vigna unguiculata) seeds. Food Chemistry, 2004, 87, 491-499.	4.2	42
136	Formation of amyloid aggregates from human lysozyme and its diseaseâ€associated variants using hydrostatic pressure. FASEB Journal, 2004, 18, 1099-1101.	0.2	81
137	Taurine prevents the neurotoxicity of Î²â€amyloid and glutamate receptor agonists: activation of GABA receptors and possible implications for Alzheimer's disease and other neurological disorders. FASEB Journal, 2004, 18, 511-518.	0.2	214
138	Inhibition of yeast glutathione reductase by trehalose: possible implications in yeast survival and recovery from stress. International Journal of Biochemistry and Cell Biology, 2004, 36, 900-908.	1.2	46
139	Neuroprotection against AÎ² and glutamate toxicity by melatonin: Are GABA receptors involved?. Neurotoxicity Research, 2003, 5, 323-327.	1.3	47
140	Functional Properties of Purified Vicilins from Cowpea (Vigna unguiculata) and Pea (Pisum sativum) and Cowpea Protein Isolate. Journal of Agricultural and Food Chemistry, 2003, 51, 5792-5797.	2.4	110
141	Persistent Conformational Heterogeneity of Triosephosphate Isomerase:â€‰ Separation and Characterization of Conformational Isomers in Solution. Biochemistry, 2003, 42, 14831-14837.	1.2	15
142	Closed Conformation of the Active Site Loop of Rabbit Muscle Triosephosphate Isomerase in the Absence of Substrate: Evidence of Conformational Heterogeneity. Journal of Molecular Biology, 2003, 334, 1023-1041.	2.0	45
143	Predissociated Dimers and Molten Globule Monomers in the Equilibrium Unfolding of Yeast Glutathione Reductase. Biophysical Journal, 2003, 85, 3255-3261.	0.2	25
144	Folding and Stability of the Extracellular Domain of the Human Amyloid Precursor Protein. Journal of Biological Chemistry, 2003, 278, 34259-34267.	1.6	25

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145	Folding Intermediates of the Prion Protein Stabilized by Hydrostatic Pressure and Low Temperature. Journal of Biological Chemistry, 2003, 278, 50449-50455.	1.6	70
146	Folding of a de Novo Designed Native-like Four-helix Bundle Protein. Journal of Biological Chemistry, 2002, 277, 16478-16483.	1.6	33
147	Solution Studies and Structural Model of the Extracellular Domain of the Human Amyloid Precursor Protein. Biophysical Journal, 2002, 83, 3513-3524.	0.2	28
148	Physiopathological modulators of amyloid aggregation and novel pharmacological approaches in Alzheimer's disease. Anais Da Academia Brasileira De Ciencias, 2002, 74, 265-284.	0.3	23
149	Equilibrium unfolding and conformational plasticity of troponin I and T. FEBS Journal, 2002, 269, 5484-5491.	0.2	13
150	Beta-amyloid production, aggregation, and clearance as targets for therapy in Alzheimer's disease. Cellular and Molecular Neurobiology, 2002, 22, 545-563.	1.7	65
151	Dual role of glutamatergic neurotransmission on amyloid Î²1â€“42 aggregation and neurotoxicity in embryonic avian retina. Neuroscience Letters, 2001, 301, 59-63.	1.0	26
152	Protein dynamics, folding and misfolding: from basic physical chemistry to human conformational diseases. FEBS Letters, 2001, 498, 129-134.	1.3	57
153	Iron-induced oxidative damage of corn root plasma membrane H+-ATPase. Biochimica Et Biophysica Acta - Biomembranes, 2001, 1512, 357-366.	1.4	17
154	Crystal structures of bovine Î²-lactoglobulin in the orthorhombic space group C2221. FEBS Journal, 2001, 268, 477-484.	0.2	29
155	Dimethylsulfoxide promotes K+-independent activity of pyruvate kinase and the acquisition of the active catalytic conformation. FEBS Journal, 2001, 268, 3267-3274.	0.2	23
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