

Sergio T Ferreira

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11482152/publications.pdf>

Version: 2024-02-01

154
papers

13,130
citations

25423

59
h-index

28425

109
g-index

159
all docs

159
docs citations

159
times ranked

17466
citing authors

#	ARTICLE	IF	CITATIONS
1	Impaired insulin signalling and allostatic load in Alzheimer disease. <i>Nature Reviews Neuroscience</i> , 2022, 23, 215-230.	4.9	72
2	Inflammation at the crossroads of COVID-19, cognitive deficits and depression. <i>Neuropharmacology</i> , 2022, 209, 109023.	2.0	38
3	Roles of glutamate receptors in a novel in vitro model of early, comorbid cerebrovascular, and Alzheimer's diseases. <i>Journal of Neurochemistry</i> , 2021, 156, 539-552.	2.1	4
4	Correction of eIF2-dependent defects in brain protein synthesis, synaptic plasticity, and memory in mouse models of Alzheimer's disease. <i>Science Signaling</i> , 2021, 14, .	1.6	75
5	Interleukin-1 β mediates alterations in mitochondrial fusion/fission proteins and memory impairment induced by amyloid- β oligomers. <i>Journal of Neuroinflammation</i> , 2021, 18, 54.	3.1	40
6	Brain insulin, insulin-like growth factor 1 and glucagon-like peptide 1 signalling in Alzheimer's disease. <i>Journal of Neuroendocrinology</i> , 2021, 33, e12959.	1.2	35
7	Pro-inflammatory interleukin-6 signaling links cognitive impairments and peripheral metabolic alterations in Alzheimer's disease. <i>Translational Psychiatry</i> , 2021, 11, 251.	2.4	112
8	Dementia is an age-independent risk factor for severity and death in COVID-19 inpatients. <i>Alzheimer's and Dementia</i> , 2021, 17, 1818-1831.	0.4	71
9	Rapid size-exclusion high performance liquid chromatography method for the quality control of amyloid- β oligomers. <i>Journal of Chromatography A</i> , 2021, 1643, 462024.	1.8	2
10	Innate immune memory mediates increased susceptibility to Alzheimer's disease-like pathology in sepsis surviving mice. <i>Brain, Behavior, and Immunity</i> , 2021, 95, 287-298.	2.0	18
11	Cerebrospinal Fluid Neurotransmitters, Cytokines, and Chemokines in Alzheimer's and Lewy Body Diseases. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 1067-1074.	1.2	13
12	A Specialized Nutritional Formulation Prevents Hippocampal Glial Activation and Memory Impairment Induced by Amyloid- β Oligomers in Mice. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 1113-1124.	1.2	1
13	Adenovirus-Mediated Transduction of Insulin-Like Growth Factor 1 Protects Hippocampal Neurons from the Toxicity of A β Oligomers and Prevents Memory Loss in an Alzheimer Mouse Model. <i>Molecular Neurobiology</i> , 2020, 57, 1473-1483.	1.9	19
14	Cerebrospinal fluid irisin correlates with amyloid- β , BDNF, and cognition in Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12034.	1.2	32
15	Palmitate Is Increased in the Cerebrospinal Fluid of Humans with Obesity and Induces Memory Impairment in Mice via Pro-inflammatory TNF- α . <i>Cell Reports</i> , 2020, 30, 2180-2194.e8.	2.9	80
16	Insulin and leptin as potential cognitive enhancers in metabolic disorders and Alzheimer's disease. <i>Neuropharmacology</i> , 2020, 171, 108115.	2.0	27
17	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and the Central Nervous System. <i>Trends in Neurosciences</i> , 2020, 43, 355-357.	4.2	193
18	Amyloid- β oligomers in cellular models of Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2020, 155, 348-369.	2.1	50

#	ARTICLE	IF	CITATIONS
19	The aroylhydrazone INHHQ prevents memory impairment induced by Alzheimer's-linked amyloid- β^2 oligomers in mice. <i>Behavioural Pharmacology</i> , 2020, 31, 738-747.	0.8	9
20	Zika virus replicates in adult human brain tissue and impairs synapses and memory in mice. <i>Nature Communications</i> , 2019, 10, 3890.	5.8	135
21	Diet-Derived Fatty Acids, Brain Inflammation, and Mental Health. <i>Frontiers in Neuroscience</i> , 2019, 13, 265.	1.4	74
22	Neonatal infection leads to increased susceptibility to A β^2 oligomer-induced brain inflammation, synapse loss and cognitive impairment in mice. <i>Cell Death and Disease</i> , 2019, 10, 323.	2.7	23
23	Extracellular vesicles derived from human Wharton's jelly mesenchymal stem cells protect hippocampal neurons from oxidative stress and synapse damage induced by amyloid- β^2 oligomers. <i>Stem Cell Research and Therapy</i> , 2019, 10, 332.	2.4	86
24	Exercise-linked FNDC5/irisin rescues synaptic plasticity and memory defects in Alzheimer's models. <i>Nature Medicine</i> , 2019, 25, 165-175.	15.2	511
25	Neuroprotective Actions of Glucagon-Like Peptide-1 (GLP-1) Analogues in Alzheimer's and Parkinson's Diseases. <i>CNS Drugs</i> , 2019, 33, 209-223.	2.7	49
26	The diabetes drug liraglutide reverses cognitive impairment in mice and attenuates insulin receptor and synaptic pathology in a non-human primate model of Alzheimer's disease. <i>Journal of Pathology</i> , 2018, 245, 85-100.	2.1	180
27	Mesenchymal stem cells and cell-derived extracellular vesicles protect hippocampal neurons from oxidative stress and synapse damage induced by amyloid- β^2 oligomers. <i>Journal of Biological Chemistry</i> , 2018, 293, 1957-1975.	1.6	146
28	Brain Inflammation Connects Cognitive and Non-Cognitive Symptoms in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 64, S313-S327.	1.2	31
29	Brain-Defective Insulin Signaling Is Associated to Late Cognitive Impairment in Post-Septic Mice. <i>Molecular Neurobiology</i> , 2018, 55, 435-444.	1.9	26
30	Crosstalk between endoplasmic reticulum stress and brain inflammation in Alzheimer's disease. <i>Neuropharmacology</i> , 2018, 136, 350-360.	2.0	61
31	Blood Levels of Glutamate and Glutamine in Recent Onset and Chronic Schizophrenia. <i>Frontiers in Psychiatry</i> , 2018, 9, 713.	1.3	39
32	Elevated Glutamate and Glutamine Levels in the Cerebrospinal Fluid of Patients With Probable Alzheimer's Disease and Depression. <i>Frontiers in Psychiatry</i> , 2018, 9, 561.	1.3	126
33	Free-floating adult human brain-derived slice cultures as a model to study the neuronal impact of Alzheimer's disease-associated A β^2 oligomers. <i>Journal of Neuroscience Methods</i> , 2018, 307, 203-209.	1.3	27
34	Getting a α -GRI β on Hypothalamic Endoplasmic Reticulum Stress to Combat Obesity. <i>Diabetes</i> , 2017, 66, 17-19.	0.3	6
35	Interaction of amyloid- β^2 (A β^2) oligomers with neurexin 2 β and neuroligin 1 mediates synapse damage and memory loss in mice. <i>Journal of Biological Chemistry</i> , 2017, 292, 7327-7337.	1.6	67
36	Chronic sleep restriction promotes brain inflammation and synapse loss, and potentiates memory impairment induced by amyloid- β^2 oligomers in mice. <i>Brain, Behavior, and Immunity</i> , 2017, 64, 140-151.	2.0	89

#	ARTICLE	IF	CITATIONS
37	Astrocyte Transforming Growth Factor Beta 1 Protects Synapses against A β Oligomers in Alzheimer's Disease Model. <i>Journal of Neuroscience</i> , 2017, 37, 6797-6809.	1.7	127
38	Amyloid- β oligomers transiently inhibit AMP-activated kinase and cause metabolic defects in hippocampal neurons. <i>Journal of Biological Chemistry</i> , 2017, 292, 7395-7406.	1.6	51
39	A human scFv antibody that targets and neutralizes high molecular weight pathogenic amyloid- β oligomers. <i>Journal of Neurochemistry</i> , 2017, 142, 934-947.	2.1	27
40	Neuroprotective astrocyte-derived insulin/insulin-like growth factor 1 stimulates endocytic processing and extracellular release of neuron-bound A β oligomers. <i>Molecular Biology of the Cell</i> , 2017, 28, 2623-2636.	0.9	88
41	Brain infusion of β -synuclein oligomers induces motor and non-motor Parkinson's disease-like symptoms in mice. <i>Behavioural Brain Research</i> , 2017, 333, 150-160.	1.2	27
42	Protein Tyrosine Phosphatase 1B (PTP1B): A Potential Target for Alzheimer's Therapy?. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 7.	1.7	80
43	Cross Talk Between Brain Innate Immunity and Serotonin Signaling Underlies Depressive-Like Behavior Induced by Alzheimer's Amyloid- β Oligomers in Mice. <i>Journal of Neuroscience</i> , 2016, 36, 12106-12116.	1.7	116
44	Microglial dysfunction connects depression and Alzheimer's disease. <i>Brain, Behavior, and Immunity</i> , 2016, 55, 151-165.	2.0	100
45	USP46: a new piece of the memory puzzle?. <i>Journal of Neurochemistry</i> , 2015, 134, 979-981.	2.1	3
46	Alzheimer's-associated A β oligomers impact the central nervous system to induce peripheral metabolic deregulation. <i>EMBO Molecular Medicine</i> , 2015, 7, 190-210.	3.3	176
47	Soluble amyloid- β oligomers as synaptotoxins leading to cognitive impairment in Alzheimer's disease. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 191.	1.8	284
48	Neuronal stress signaling and eIF2 γ phosphorylation as molecular links between Alzheimer's disease and diabetes. <i>Progress in Neurobiology</i> , 2015, 129, 37-57.	2.8	65
49	Inflammation, defective insulin signaling, and neuronal dysfunction in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2014, 10, S76-83.	0.4	271
50	Alzheimer's Disease-Like Pathology Induced by Amyloid- β Oligomers in Nonhuman Primates. <i>Journal of Neuroscience</i> , 2014, 34, 13629-13643.	1.7	189
51	Inflammation, Defective Insulin Signaling, and Mitochondrial Dysfunction as Common Molecular Denominators Connecting Type 2 Diabetes to Alzheimer Disease. <i>Diabetes</i> , 2014, 63, 2262-2272.	0.3	462
52	How does brain insulin resistance develop in Alzheimer's disease?. <i>Alzheimer's and Dementia</i> , 2014, 10, S26-32.	0.4	261
53	TNF- α Mediates PKR-Dependent Memory Impairment and Brain IRS-1 Inhibition Induced by Alzheimer's β -Amyloid Oligomers in Mice and Monkeys. <i>Cell Metabolism</i> , 2013, 18, 831-843.	7.2	340
54	2,4-dinitrophenol induces neural differentiation of murine embryonic stem cells. <i>Stem Cell Research</i> , 2013, 11, 1407-1416.	0.3	8

#	ARTICLE	IF	CITATIONS
55	Deregulation of excitatory neurotransmission underlying synapse failure in Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2013, 126, 191-202.	2.1	145
56	Amyloid- β oligomers induce tau-independent disruption of BDNF axonal transport via calcineurin activation in cultured hippocampal neurons. <i>Molecular Biology of the Cell</i> , 2013, 24, 2494-2505.	0.9	57
57	The Prion Protein Ligand, Stress-Inducible Phosphoprotein 1, Regulates Amyloid- β Oligomer Toxicity. <i>Journal of Neuroscience</i> , 2013, 33, 16552-16564.	1.7	70
58	Memantine Rescues Transient Cognitive Impairment Caused by High-Molecular-Weight A β Oligomers But Not the Persistent Impairment Induced by Low-Molecular-Weight Oligomers. <i>Journal of Neuroscience</i> , 2013, 33, 9626-9634.	1.7	160
59	Rescue of Amyloid-Beta-Induced Inhibition of Nicotinic Acetylcholine Receptors by a Peptide Homologous to the Nicotine Binding Domain of the Alpha 7 Subtype. <i>PLoS ONE</i> , 2013, 8, e67194.	1.1	11
60	β -Secretase-derived Fragment of Cellular Prion, N1, Protects against Monomeric and Oligomeric Amyloid β (A β)-associated Cell Death. <i>Journal of Biological Chemistry</i> , 2012, 287, 5021-5032.	1.6	84
61	Plasma levels of D-serine in Brazilian individuals with schizophrenia. <i>Schizophrenia Research</i> , 2012, 142, 83-87.	1.1	69
62	Inhibition of Choline Acetyltransferase as a Mechanism for Cholinergic Dysfunction Induced by Amyloid- β Peptide Oligomers. <i>Journal of Biological Chemistry</i> , 2012, 287, 19377-19385.	1.6	77
63	Human Apolipoprotein A-I Natural Variants: Molecular Mechanisms Underlying Amyloidogenic Propensity. <i>PLoS ONE</i> , 2012, 7, e43755.	1.1	39
64	Amyloid- β Oligomers Induce Differential Gene Expression in Adult Human Brain Slices. <i>Journal of Biological Chemistry</i> , 2012, 287, 7436-7445.	1.6	80
65	An anti-diabetes agent protects the mouse brain from defective insulin signaling caused by Alzheimer's disease-associated A β oligomers. <i>Journal of Clinical Investigation</i> , 2012, 122, 1339-1353.	3.9	697
66	The A β oligomer hypothesis for synapse failure and memory loss in Alzheimer's disease. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 529-543.	1.0	386
67	Amyloid β -Peptide Oligomers Stimulate RyR-Mediated Ca ²⁺ Release Inducing Mitochondrial Fragmentation in Hippocampal Neurons and Prevent RyR-Mediated Dendritic Spine Remodeling Produced by BDNF. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 1209-1223.	2.5	118
68	Secreted Human Amyloid Precursor Protein Binds Semaphorin 3a and Prevents Semaphorin-Induced Growth Cone Collapse. <i>PLoS ONE</i> , 2011, 6, e22857.	1.1	14
69	Protein kinase C activity regulates d-serine availability in the brain. <i>Journal of Neurochemistry</i> , 2011, 116, 281-290.	2.1	30
70	Amyloid-beta oligomers increase the localization of prion protein at the cell surface. <i>Journal of Neurochemistry</i> , 2011, 117, 538-553.	2.1	60
71	Amyloid- β Decreases Nitric Oxide Production in Cultured Retinal Neurons: A Possible Mechanism for Synaptic Dysfunction in Alzheimer's Disease?. <i>Neurochemical Research</i> , 2011, 36, 163-169.	1.6	23
72	Activation of D1/D5 Dopamine Receptors Protects Neurons from Synapse Dysfunction Induced by Amyloid- β Oligomers. <i>Journal of Biological Chemistry</i> , 2011, 286, 3270-3276.	1.6	77

#	ARTICLE	IF	CITATIONS
73	Human Apolipoprotein A-I-Derived Amyloid: Its Association with Atherosclerosis. PLoS ONE, 2011, 6, e22532.	1.1	56
74	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
75	Nicotinic Receptors, Amyloid- β , and Synaptic Failure in Alzheimer's Disease. Journal of Molecular Neuroscience, 2010, 40, 221-229.	1.1	54
76	N-Methyl-D-aspartate receptors are required for synaptic targeting of Alzheimer's toxic amyloid- β peptide oligomers. Journal of Neurochemistry, 2010, 115, 1520-1529.	2.1	141
77	Amyloid- β Peptide Oligomers Disrupt Axonal Transport through an NMDA Receptor-Dependent Mechanism That Is Mediated by Glycogen Synthase Kinase 3 α in Primary Cultured Hippocampal Neurons. Journal of Neuroscience, 2010, 30, 9166-9171.	1.7	187
78	2,4-Dinitrophenol Blocks Neurodegeneration and Preserves Sciatic Nerve Function after Trauma. Journal of Neurotrauma, 2010, 27, 829-841.	1.7	25
79	Amyloid- β Triggers the Release of Neuronal Hexokinase 1 from Mitochondria. PLoS ONE, 2010, 5, e15230.	1.1	86
80	Protection of synapses against Alzheimer's-linked toxins: Insulin signaling prevents the pathogenic binding of A β oligomers. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1971-1976.	3.3	592
81	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
82	Human apolipoprotein A-I binds amyloid- β and prevents A β -induced neurotoxicity. International Journal of Biochemistry and Cell Biology, 2009, 41, 1361-1370.	1.2	114
83	Amyloid- β Binds to the Extracellular Cysteine-rich Domain of Frizzled and Inhibits Wnt/ β -Catenin Signaling. Journal of Biological Chemistry, 2008, 283, 9359-9368.	1.6	214
84	Small-molecule aggregation inhibitors reduce excess amyloid in a trisomy 16 mouse cortical cell line. Biological Research, 2008, 41, 129-36.	1.5	2
85	Cyclic AMP Enhancers and A β Oligomerization Blockers as Potential Therapeutic Agents in Alzheimers Disease. Current Alzheimer Research, 2007, 4, 263-271.	0.7	44
86	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
87	A β 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
88	Soluble oligomers from a non-disease related protein mimic A β -induced tau hyperphosphorylation and neurodegeneration. Journal of Neurochemistry, 2007, 103, 736-748.	2.1	78
89	Soluble protein oligomers as emerging toxins in alzheimer's and other amyloid diseases. IUBMB Life, 2007, 59, 332-345.	1.5	289
90	Interrogating global gene expression in rat neuronal cultures using SAGE. Neurotoxicity Research, 2007, 12, 209-214.	1.3	0

#	ARTICLE	IF	CITATIONS
91	Molecules that Disrupt Memory Circuits in Alzheimer's Disease: The Attack on Synapses by A β 2 Oligomers (ADDLs). <i>Research and Perspectives in Neurosciences</i> , 2007, , 155-179.	0.4	13
92	Long-Lived Conformational Isomerism of Protein Dimers: The Role of the Free Energy of Subunit Association. <i>Biophysical Journal</i> , 2006, 91, 2826-2832.	0.2	6
93	Solution Conformation and Heparin-induced Dimerization of the Full-length Extracellular Domain of the Human Amyloid Precursor Protein. <i>Journal of Molecular Biology</i> , 2006, 357, 493-508.	2.0	63
94	Quantitative histogram analysis of images. <i>Computer Physics Communications</i> , 2006, 175, 620-623.	3.0	25
95	Novel neuroprotective, neurotogenic and anti-amyloidogenic properties of 2,4-dinitrophenol: The gentle face of Janus. <i>IUBMB Life</i> , 2006, 58, 185-191.	1.5	44
96	Metastable, Partially Folded States in the Productive Folding and in the Misfolding and Amyloid Aggregation of Proteins. <i>Cell Biochemistry and Biophysics</i> , 2006, 44, 539-548.	0.9	24
97	Small Molecule Inhibitors of Lysozyme Amyloid Aggregation. <i>Cell Biochemistry and Biophysics</i> , 2006, 44, 549-553.	0.9	54
98	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-(121-231). <i>Journal of Biological Chemistry</i> , 2006, 281, 26121-26128.	1.6	30
99	Protein Folding, Misfolding and Aggregation: Evolving Concepts and Conformational Diseases. <i>Protein and Peptide Letters</i> , 2005, 12, 213-222.	0.4	39
100	Peptide Blockers of the Inhibition of Neuronal Nicotinic Acetylcholine Receptors by Amyloid β 2. <i>Journal of Biological Chemistry</i> , 2005, 280, 31085-31090.	1.6	42
101	Neurogenesis and neuronal differentiation promoted by 2,4-dinitrophenol, a novel anti-amyloidogenic compound. <i>FASEB Journal</i> , 2005, 19, 1627-1636.	0.2	42
102	Heparin-binding Sites in Granulocyte-Macrophage Colony-stimulating Factor. <i>Journal of Biological Chemistry</i> , 2005, 280, 31949-31956.	1.6	38
103	Folding and stability of a coiled-coil investigated using chemical and physical denaturing agents: Comparative analysis of polymerized and non-polymerized forms of β -tropomyosin. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 1386-1395.	1.2	6
104	Acid- and pressure-induced (un)folding of yeast glutathione reductase: Competition between protein oligomerization and aggregation. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 1890-1899.	1.2	5
105	Structural and morphological characterization of hemozoin produced by <i>Schistosoma mansoni</i> and <i>Rhodnius prolixus</i> . <i>FEBS Letters</i> , 2005, 579, 6010-6016.	1.3	112
106	Activation of GABA _A receptors by taurine and muscimol blocks the neurotoxicity of β 2-amyloid in rat hippocampal and cortical neurons. <i>Neuropharmacology</i> , 2005, 49, 1140-1148.	2.0	70
107	Targeting the neurotoxic species in Alzheimer's disease: inhibitors of A β 2 oligomerization. <i>FASEB Journal</i> , 2004, 18, 1366-1372.	0.2	190
108	Inhibition of Heme Aggregation by Chloroquine Reduces <i>Schistosoma mansoni</i> Infection. <i>Journal of Infectious Diseases</i> , 2004, 190, 843-852.	1.9	72

#	ARTICLE	IF	CITATIONS
109	Redesigning the Folding Energetics of a Model Three-helix Bundle Protein by Site-directed Mutagenesis. <i>Journal of Biological Chemistry</i> , 2004, 279, 10991-10996.	1.6	12
110	Amyloidogenicity and Cytotoxicity of Recombinant Mature Human Islet Amyloid Polypeptide (rIAPP). <i>Journal of Biological Chemistry</i> , 2004, 279, 42803-42810.	1.6	43
111	Biological evaluation of a protein isolate from cowpea (<i>Vigna unguiculata</i>) seeds. <i>Food Chemistry</i> , 2004, 87, 491-499.	4.2	42
112	Formation of amyloid aggregates from human lysozyme and its disease-associated variants using hydrostatic pressure. <i>FASEB Journal</i> , 2004, 18, 1099-1101.	0.2	81
113	Taurine prevents the neurotoxicity of β -amyloid and glutamate receptor agonists: activation of GABA receptors and possible implications for Alzheimer's disease and other neurological disorders. <i>FASEB Journal</i> , 2004, 18, 511-518.	0.2	214
114	Inhibition of yeast glutathione reductase by trehalose: possible implications in yeast survival and recovery from stress. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 900-908.	1.2	46
115	Neuroprotection against $A\beta$ and glutamate toxicity by melatonin: Are GABA receptors involved?. <i>Neurotoxicity Research</i> , 2003, 5, 323-327.	1.3	47
116	Functional Properties of Purified Vicilins from Cowpea (<i>Vigna unguiculata</i>) and Pea (<i>Pisum sativum</i>) and Cowpea Protein Isolate. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 5792-5797.	2.4	110
117	Persistent Conformational Heterogeneity of Triosephosphate Isomerase: Separation and Characterization of Conformational Isomers in Solution. <i>Biochemistry</i> , 2003, 42, 14831-14837.	1.2	15
118	Closed Conformation of the Active Site Loop of Rabbit Muscle Triosephosphate Isomerase in the Absence of Substrate: Evidence of Conformational Heterogeneity. <i>Journal of Molecular Biology</i> , 2003, 334, 1023-1041.	2.0	45
119	Predissociated Dimers and Molten Globule Monomers in the Equilibrium Unfolding of Yeast Glutathione Reductase. <i>Biophysical Journal</i> , 2003, 85, 3255-3261.	0.2	25
120	Folding and Stability of the Extracellular Domain of the Human Amyloid Precursor Protein. <i>Journal of Biological Chemistry</i> , 2003, 278, 34259-34267.	1.6	25
121	Folding Intermediates of the Prion Protein Stabilized by Hydrostatic Pressure and Low Temperature. <i>Journal of Biological Chemistry</i> , 2003, 278, 50449-50455.	1.6	70
122	Folding of a de Novo Designed Native-like Four-helix Bundle Protein. <i>Journal of Biological Chemistry</i> , 2002, 277, 16478-16483.	1.6	33
123	Solution Studies and Structural Model of the Extracellular Domain of the Human Amyloid Precursor Protein. <i>Biophysical Journal</i> , 2002, 83, 3513-3524.	0.2	28
124	Physiopathological modulators of amyloid aggregation and novel pharmacological approaches in Alzheimer's disease. <i>Anais Da Academia Brasileira De Ciencias</i> , 2002, 74, 265-284.	0.3	23
125	Equilibrium unfolding and conformational plasticity of troponin I and T. <i>FEBS Journal</i> , 2002, 269, 5484-5491.	0.2	13
126	Beta-amyloid production, aggregation, and clearance as targets for therapy in Alzheimer's disease. <i>Cellular and Molecular Neurobiology</i> , 2002, 22, 545-563.	1.7	65

#	ARTICLE	IF	CITATIONS
127	Dual role of glutamatergic neurotransmission on amyloid β 42 aggregation and neurotoxicity in embryonic avian retina. <i>Neuroscience Letters</i> , 2001, 301, 59-63.	1.0	26
128	Protein dynamics, folding and misfolding: from basic physical chemistry to human conformational diseases. <i>FEBS Letters</i> , 2001, 498, 129-134.	1.3	57
129	Iron-induced oxidative damage of corn root plasma membrane H ⁺ -ATPase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1512, 357-366.	1.4	17
130	Crystal structures of bovine β -lactoglobulin in the orthorhombic space group C2221. <i>FEBS Journal</i> , 2001, 268, 477-484.	0.2	29
131	Folding Intermediates of a Model Three-helix Bundle Protein. <i>Journal of Biological Chemistry</i> , 2001, 276, 14861-14866.	1.6	28
132	Inhibition of Alzheimer's disease β -amyloid aggregation, neurotoxicity, and in vivo deposition by nitrophenols: implications for Alzheimer's therapy. <i>FASEB Journal</i> , 2001, 15, 1297-1299.	0.2	117
133	Preliminary X-ray diffraction studies of rabbit muscle triose phosphate isomerase (TIM). <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2000, 56, 1492-1494.	2.5	3
134	Pressure denaturation of β -lactoglobulin. <i>FEBS Journal</i> , 2000, 267, 2235-2241.	0.2	30
135	Haemozoin in <i>Schistosoma mansoni</i> . <i>Molecular and Biochemical Parasitology</i> , 2000, 111, 217-221.	0.5	115
136	Inhibition of the Ecto-ATP diphosphohydrolase of <i>Schistosoma mansoni</i> by Thapsigargin. <i>Bioscience Reports</i> , 2000, 20, 369-381.	1.1	11
137	Selective Neoglycosylation Increases the Structural Stability of Vicilin, the 7S Storage Globulin from Pea Seeds. <i>Archives of Biochemistry and Biophysics</i> , 2000, 382, 203-210.	1.4	46
138	Acidic pH Modulates the Interaction between Human Granulocyte-Macrophage Colony-stimulating Factor and Glycosaminoglycans. <i>Journal of Biological Chemistry</i> , 1999, 274, 31468-31475.	1.6	33
139	Subunit dissociation and inactivation of pyruvate kinase by hydrostatic pressure. Oxidation of sulfhydryl groups and ligand effects on enzyme stability. <i>FEBS Journal</i> , 1999, 266, 163-169.	0.2	12
140	Oxidative damage to sarcoplasmic reticulum Ca ²⁺ -ATPase at submicromolar iron concentrations: evidence for metal-catalyzed oxidation. <i>Free Radical Biology and Medicine</i> , 1998, 25, 554-560.	1.3	67
141	Kinetics and Energetics of Subunit Dissociation/Unfolding of TIM: The Importance of Oligomerization for Conformational Persistence and Chemical Stability of Proteins. <i>Biochemistry</i> , 1998, 37, 933-937.	1.2	74
142	Pressure-Induced Subunit Dissociation and Unfolding of Dimeric β -Lactoglobulin. <i>Biophysical Journal</i> , 1998, 75, 471-476.	0.2	58
143	Effects of Glycosylation on Functional Properties of Vicilin, the 7S Storage Globulin from Pea (<i>Pisum sativum</i>). <i>Journal of Agricultural and Food Chemistry</i> , 1997, 45, 2025-2030.	2.4	32
144	The ATP-Diphosphohydrolase of <i>Schistosoma mansoni</i> . , 1997, , 221-226.		0

#	ARTICLE	IF	CITATIONS
145	Deterministic Pressure Dissociation and Unfolding of Triose Phosphate Isomerase: Persistent Heterogeneity of a Protein Dimer. <i>Biochemistry</i> , 1996, 35, 7743-7751.	1.2	47
146	Intrinsic fluorescence as a probe of structure-function relationships in Ca ²⁺ -transport ATPases. <i>Bioscience Reports</i> , 1996, 16, 87-106.	1.1	4
147	Oxidative damage to sarcoplasmic reticulum Ca ²⁺ -pump induced by Fe ²⁺ /H ₂ O ₂ /ascorbate is not mediated by lipid peroxidation or thiol oxidation and leads to protein fragmentation. <i>Molecular and Cellular Biochemistry</i> , 1996, 159, 105-114.	1.4	57
148	Betaine counteracts urea-induced conformational changes and uncoupling of the human erythrocyte Ca ²⁺ pump. <i>FEBS Journal</i> , 1994, 221, 1103-1110.	0.2	28
149	Deterministic Pressure-Induced Dissociation of Vicilin, the 7S Storage Globulin from Pea Seeds: Effects of pH and Cosolvents on Oligomer Stability. <i>Biochemistry</i> , 1994, 33, 4046-4055.	1.2	34
150	FLUORESCENCE LIFETIME AND QUENCHING STUDIES OF SARCOPLASMIC RETICULUM CA ²⁺ -ADENOSINE-5'-TRIPHOSPHATASE. <i>Photochemistry and Photobiology</i> , 1993, 58, 195-199.	1.3	7
151	Characterization and localization of an ATP-diphosphohydrolase on the external surface of the tegument of <i>Schistosoma mansoni</i> . <i>Molecular and Biochemical Parasitology</i> , 1993, 58, 205-214.	0.5	82
152	Time-resolved fluorescence of erythrocyte plasma membrane ca ²⁺ -atpase in different functional states. <i>Biophysical Chemistry</i> , 1992, 42, 243-248.	1.5	2
153	Global analysis of wavelength-resolved fluorescence decay in sarcoplasmic reticulum calcium - ATPase. <i>Journal of Luminescence</i> , 1991, 48-49, 430-434.	1.5	5
154	Fluorescence studies of the conformational dynamics of parvalbumin in solution: lifetime and rotational motions of the single tryptophan residue. <i>Biochemistry</i> , 1989, 28, 10066-10072.	1.2	30