

Anne Eckert

List of Publications by Year in descending order

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187
papers

14,043
citations

16411

64
h-index

23472

111
g-index

200
all docs

200
docs citations

200
times ranked

15513
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute Effects of Psilocybin After Escitalopram or Placebo Pretreatment in a Randomized, Double-Blind, Placebo-Controlled, Crossover Study in Healthy Subjects. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 111, 886-895.	2.3	70
2	Direct comparison of the acute effects of lysergic acid diethylamide and psilocybin in a double-blind placebo-controlled study in healthy subjects. <i>Neuropsychopharmacology</i> , 2022, 47, 1180-1187.	2.8	72
3	Premature aging in mice with error-prone protein synthesis. <i>Science Advances</i> , 2022, 8, eabl9051.	4.7	24
4	Phenotype of Mrps5-Associated Phylogenetic Polymorphisms Is Intimately Linked to Mitochondrial Misreading. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4384.	1.8	1
5	Rhodiola Rosea Extract Counteracts Stress in an Adaptogenic Response Curve Manner via Elimination of ROS and Induction of Neurite Outgrowth. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-19.	1.9	8
6	Acute dose-dependent effects of lysergic acid diethylamide in a double-blind placebo-controlled study in healthy subjects. <i>Neuropsychopharmacology</i> , 2021, 46, 537-544.	2.8	120
7	Low Doses of LSD Acutely Increase BDNF Blood Plasma Levels in Healthy Volunteers. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 461-466.	2.5	71
8	Aerobic Exercise and Stretching as Add-On to Inpatient Treatment for Depression Have No Differential Effects on Stress-Axis Activity, Serum-BDNF, TNF-Alpha and Objective Sleep Measures. <i>Brain Sciences</i> , 2021, 11, 411.	1.1	12
9	Random errors in protein synthesis activate an age-dependent program of muscle atrophy in mice. <i>Communications Biology</i> , 2021, 4, 703.	2.0	8
10	Role of the 5-HT _{2A} Receptor in Acute Effects of LSD on Empathy and Circulating Oxytocin. <i>Frontiers in Pharmacology</i> , 2021, 12, 711255.	1.6	30
11	Oxytocin levels in response to pituitary provocation tests in healthy volunteers. <i>European Journal of Endocrinology</i> , 2021, 185, 355-364.	1.9	5
12	Sex differences in Alzheimer's disease: metabolic reprogramming and therapeutic intervention. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 963-979.	3.1	20
13	Silencing of the ER and Integrative Stress Responses in the Liver of Mice with Error-Prone Translation. <i>Cells</i> , 2021, 10, 2856.	1.8	2
14	Mitochondria modulatory effects of new TSPO ligands in a cellular model of tauopathies. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12796.	1.2	22
15	Effect of trauma-informed care on hair cortisol concentration in youth welfare staff and client physical aggression towards staff: results of a longitudinal study. <i>BMC Public Health</i> , 2020, 20, 21.	1.2	27
16	Distinct acute effects of LSD, MDMA, and d-amphetamine in healthy subjects. <i>Neuropsychopharmacology</i> , 2020, 45, 462-471.	2.8	141
17	Dietary Mitophagy Enhancer: A Strategy for Healthy Brain Aging?. <i>Antioxidants</i> , 2020, 9, 932.	2.2	35
18	Indices of cortical plasticity after therapeutic sleep deprivation in patients with major depressive disorder. <i>Journal of Affective Disorders</i> , 2020, 277, 425-435.	2.0	12

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19	Modulating endothelial adhesion and migration impacts stem cell therapies efficacy. <i>EBioMedicine</i> , 2020, 60, 102987.	2.7	10
20	Brain energy rescue: an emerging therapeutic concept for neurodegenerative disorders of ageing. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 609-633.	21.5	441
21	Clock-Controlled Mitochondrial Dynamics Correlates with Cyclic Pregnenolone Synthesis. <i>Cells</i> , 2020, 9, 2323.	1.8	9
22	Insights into Disease-Associated Tau Impact on Mitochondria. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6344.	1.8	50
23	Honeybush Extracts (<i>Cyclopia</i> spp.) Rescue Mitochondrial Functions and Bioenergetics against Oxidative Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	10
24	Exploring the effectiveness of a specialized therapy programme for burnout using subjective report and biomarkers of stress. <i>Clinical Psychology and Psychotherapy</i> , 2020, 28, 852-861.	1.4	3
25	Influence of Regular Physical Activity on Mitochondrial Activity and Symptoms of Burnout—An Interventional Pilot Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 667.	1.0	15
26	Hypothalamic-pituitary-adrenal axis activation in a high-risk sample of children, adolescents and young adults in residential youth care — Associations with adverse childhood experiences and mental health problems. <i>Psychiatry Research</i> , 2020, 284, 112778.	1.7	19
27	Management of mild cognitive impairment (MCI): The need for national and international guidelines. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 579-594.	1.3	100
28	Plasma and serum brain-derived neurotrophic factor (BDNF) levels and their association with neurocognition in at-risk mental state, first episode psychosis and chronic schizophrenia patients. <i>World Journal of Biological Psychiatry</i> , 2019, 20, 545-554.	1.3	37
29	Repetitive enhancement of serum <sc>BDNF</sc> subsequent to continuation <sc>ECT</sc>. <i>Acta Psychiatrica Scandinavica</i> , 2019, 140, 426-434.	2.2	19
30	TSPO Ligands Boost Mitochondrial Function and Pregnenolone Synthesis. <i>Journal of Alzheimer's Disease</i> , 2019, 72, 1045-1058.	1.2	38
31	Link between the unfolded protein response and dysregulation of mitochondrial bioenergetics in Alzheimer's disease. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1419-1431.	2.4	37
32	The impact of lifestyle Physical Activity Counselling in IN-PATients with major depressive disorders on physical activity, cardiorespiratory fitness, depression, and cardiovascular health risk markers: study protocol for a randomized controlled trial. <i>Trials</i> , 2019, 20, 367.	0.7	29
33	Mitochondria- and Oxidative Stress-Targeting Substances in Cognitive Decline-Related Disorders: From Molecular Mechanisms to Clinical Evidence. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-26.	1.9	77
34	Effects of Aerobic Exercise as Add-On Treatment for Inpatients With Moderate to Severe Depression on Depression Severity, Sleep, Cognition, Psychological Well-Being, and Biomarkers: Study Protocol, Description of Study Population, and Manipulation Check. <i>Frontiers in Psychiatry</i> , 2019, 10, 262.	1.3	15
35	Acute and subsequent continuation electroconvulsive therapy elevates serum BDNF levels in patients with major depression. <i>Brain Stimulation</i> , 2019, 12, 1041-1050.	0.7	30
36	Brain-derived neurotrophic factor as a biomarker of insomnia. <i>European Neuropsychopharmacology</i> , 2019, 29, S514-S515.	0.3	0

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37	Ginkgo biloba extract increases neurite outgrowth and activates the Akt/mTOR pathway. PLoS ONE, 2019, 14, e0225761.	1.1	16
38	Brain-derived neurotrophic factor is a biomarker for subjective insomnia but not objectively assessable poor sleep continuity. Journal of Psychiatric Research, 2019, 110, 103-109.	1.5	34
39	Therapeutic efficacy of the Ginkgo special extract EGb761 [®] within the framework of the mitochondrial cascade hypothesis of Alzheimer's disease. World Journal of Biological Psychiatry, 2019, 20, 173-189.	1.3	45
40	Ginkgo biloba extract increases neurite outgrowth and activates the Akt/mTOR pathway. , 2019, 14, e0225761.		0
41	Ginkgo biloba extract increases neurite outgrowth and activates the Akt/mTOR pathway. , 2019, 14, e0225761.		0
42	Ginkgo biloba extract increases neurite outgrowth and activates the Akt/mTOR pathway. , 2019, 14, e0225761.		0
43	Ginkgo biloba extract increases neurite outgrowth and activates the Akt/mTOR pathway. , 2019, 14, e0225761.		0
44	Circadian Control of DRP1 Activity Regulates Mitochondrial Dynamics and Bioenergetics. Cell Metabolism, 2018, 27, 657-666.e5.	7.2	186
45	Mutant <sc>MRPS</sc> 5 affects mitoribosomal accuracy and confers stress-related behavioral alterations. EMBO Reports, 2018, 19, .	2.0	26
46	Neuronal Mitochondrial Dysfunction Activates the Integrated Stress Response to Induce Fibroblast Growth Factor 21. Cell Reports, 2018, 24, 1407-1414.	2.9	72
47	Mitochondria, Estrogen and Female Brain Aging. Frontiers in Aging Neuroscience, 2018, 10, 124.	1.7	65
48	Brain aging and neurodegeneration: from a mitochondrial point of view. Journal of Neurochemistry, 2017, 143, 418-431.	2.1	402
49	Allopregnanolone and its analog BR 297 rescue neuronal cells from oxidative stress-induced death through bioenergetic improvement. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 631-642.	1.8	30
50	Discovery of Imidazoquinazolinone Derivatives as TSPO Ligands Modulating Neurosteroidogenesis and Cellular Bioenergetics in Neuroblastoma Cells Expressing Amyloid Precursor Protein. ChemistrySelect, 2017, 2, 6452-6457.	0.7	9
51	Genetic ablation of the p66Shc adaptor protein reverses cognitive deficits and improves mitochondrial function in an APP transgenic mouse model of Alzheimer's disease. Molecular Psychiatry, 2017, 22, 605-614.	4.1	26
52	Amyloid- β -Induced Changes in Molecular Clock Properties and Cellular Bioenergetics. Frontiers in Neuroscience, 2017, 11, 124.	1.4	19
53	Psychopharmakotherapie – pharmakologische Grundlagen. , 2017, , 749-793.		2
54	Alzheimer's amyloid- β peptide disturbs P2X7 receptor-mediated circadian oscillations of intracellular calcium. Folia Neuropathologica, 2016, 4, 360-368.	0.5	11

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55	Non-24-Hour Sleep-Wake Disorder Revisited – A Case Study. <i>Frontiers in Neurology</i> , 2016, 7, 17.	1.1	15
56	Increased superior frontal gyrus activation during working memory processing in psychosis: Significant relation to cumulative antipsychotic medication and to negative symptoms. <i>Schizophrenia Research</i> , 2016, 175, 20-26.	1.1	15
57	Alzheimer, mitochondria and gender. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 67, 89-101.	2.9	85
58	Tau physiology and pathomechanisms in frontotemporal lobar degeneration. <i>Journal of Neurochemistry</i> , 2016, 138, 71-94.	2.1	85
59	Mature brain-derived neurotrophic factor (BDNF) is the major player of total BDNF in serum regarding prediction of antidepressant treatment outcome. <i>Psychopharmacology</i> , 2016, 233, 153-155.	1.5	6
60	BDNF in sleep, insomnia, and sleep deprivation. <i>Annals of Medicine</i> , 2016, 48, 42-51.	1.5	190
61	Role of Serum Brain Derived Neurotrophic Factor and Central N-Acetylaspartate for Clinical Response under Antidepressive Pharmacotherapy. <i>NeuroSignals</i> , 2016, 24, 1-14.	0.5	18
62	Advanced Mitochondrial Respiration Assay for Evaluation of Mitochondrial Dysfunction in Alzheimer’s Disease. <i>Methods in Molecular Biology</i> , 2016, 1303, 171-183.	0.4	6
63	Mitochondrial dysfunction: the missing link between aging and sporadic Alzheimer’s disease. <i>Biogerontology</i> , 2016, 17, 281-296.	2.0	149
64	Synaptic dysfunction, memory deficits and hippocampal atrophy due to ablation of mitochondrial fission in adult forebrain neurons. <i>Cell Death and Differentiation</i> , 2016, 23, 18-28.	5.0	94
65	Sex hormone-related neurosteroids differentially rescue bioenergetic deficits induced by amyloid- β^2 or hyperphosphorylated tau protein. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 201-215.	2.4	79
66	P1-079: Sex hormone-related neurosteroids differentially rescue bioenergetic deficits induced by amyloid- β^2 or hyperphosphorylated tau protein. , 2015, 11, P368-P368.		0
67	Hippocampal volume and functional connectivity changes during the female menstrual cycle. <i>NeuroImage</i> , 2015, 118, 154-162.	2.1	151
68	Improved Alertness Is Associated with Early Increase in Serum Brain-Derived Neurotrophic Factor and Antidepressant Treatment Outcome in Major Depression. <i>Neuropsychobiology</i> , 2015, 72, 16-28.	0.9	20
69	BDNF: an indicator of insomnia?. <i>Molecular Psychiatry</i> , 2014, 19, 151-152.	4.1	92
70	Improvement of neuronal bioenergetics by neurosteroids: Implications for age-related neurodegenerative disorders. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 2427-2438.	1.8	84
71	Gamma-hydroxybutyrate, acting through an anti-apoptotic mechanism, protects native and amyloid-precursor-protein-transfected neuroblastoma cells against oxidative stress-induced death. <i>Neuroscience</i> , 2014, 263, 203-215.	1.1	20
72	High baseline BDNF serum levels and early psychopathological improvement are predictive of treatment outcome in major depression. <i>Psychopharmacology</i> , 2014, 231, 2955-2965.	1.5	56

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73	Fast BDNF serum level increase and diurnal BDNF oscillations are associated with therapeutic response after partial sleep deprivation. <i>Journal of Psychiatric Research</i> , 2014, 59, 1-7.	1.5	62
74	March separate, strike together – Role of phosphorylated TAU in mitochondrial dysfunction in Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1258-1266.	1.8	92
75	Calcium channel blockers and dementia. <i>British Journal of Pharmacology</i> , 2013, 169, 1203-1210.	2.7	115
76	Lessons from two prevalent amyloidoses – what amylin and A β have in common. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 38.	1.7	36
77	The Interplay of Stress and Sleep Impacts BDNF Level. <i>PLoS ONE</i> , 2013, 8, e76050.	1.1	84
78	Alzheimer's disease models and functional genomics – How many needles are there in the haystack?. <i>Frontiers in Physiology</i> , 2012, 3, 320.	1.3	18
79	Early accumulation of intracellular fibrillar oligomers and late congophilic amyloid angiopathy in mice expressing the Osaka intra-A β APP mutation. <i>Translational Psychiatry</i> , 2012, 2, e183-e183.	2.4	45
80	Mitochondrial effects of Ginkgo biloba extract. <i>International Psychogeriatrics</i> , 2012, 24, S18-S20.	0.6	30
81	Transfection of Human Neuroblastoma Cells with Alzheimer's Disease Brain Hallmarks as a Promising Strategy to Investigate the Role of Neurosteroidogenesis in Neuroprotection. <i>BioValley Monographs</i> , 2012, , 50-59.	0.1	4
82	Role of hippocalcin in mediating A β toxicity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1247-1257.	1.8	12
83	Insights into Mitochondrial Dysfunction: Aging, Amyloid- β , and Tau – A Deleterious Trio. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 1456-1466.	2.5	115
84	Alzheimer's Disease, Oestrogen and Mitochondria: an Ambiguous Relationship. <i>Molecular Neurobiology</i> , 2012, 46, 151-160.	1.9	51
85	A New Link to Mitochondrial Impairment in Tauopathies. <i>Molecular Neurobiology</i> , 2012, 46, 205-216.	1.9	109
86	Peripheral Mitochondrial Dysfunction in Alzheimer's Disease: Focus on Lymphocytes. <i>Molecular Neurobiology</i> , 2012, 46, 194-204.	1.9	107
87	Mitochondrial dysfunction - the beginning of the end in Alzheimer's disease? Separate and synergistic modes of tau and amyloid- β toxicity. <i>Alzheimer's Research and Therapy</i> , 2011, 3, 15.	3.0	136
88	Combined expression of tau and the Harlequin mouse mutation leads to increased mitochondrial dysfunction, tau pathology and neurodegeneration. <i>Neurobiology of Aging</i> , 2011, 32, 1827-1838.	1.5	27
89	Amyloid-Beta Interaction with Mitochondria. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-12.	1.1	219
90	Inhibition of the Mitochondrial Enzyme ABAD Restores the Amyloid- β -Mediated Deregulation of Estradiol. <i>PLoS ONE</i> , 2011, 6, e28887.	1.1	49

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91	Lipoxygenases and Poly(ADP-Ribose) Polymerase in Amyloid Beta Cytotoxicity. <i>Neurochemical Research</i> , 2011, 36, 839-848.	1.6	16
92	Modes of A β toxicity in Alzheimer's disease. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3359-3375.	2.4	78
93	Serum factors in older individuals change cellular clock properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7218-7223.	3.3	84
94	Pilot study of the application of magnetic bead protein profiling to the study of biomarkers in addiction research. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 80-84.	1.3	3
95	Ageing and Circadian Disruption: Causes and Effects. <i>Ageing</i> , 2011, 3, 813-817.	1.4	45
96	Psychopharmakotherapie: pharmakologische Grundlagen. , 2011, , 683-729.		0
97	Convergence of Amyloid- β and Tau Pathologies on Mitochondria In Vivo. <i>Molecular Neurobiology</i> , 2010, 41, 107-114.	1.9	144
98	Mitochondrial Dysfunction: Common Final Pathway in Brain Aging and Alzheimer's Disease's Therapeutic Aspects. <i>Molecular Neurobiology</i> , 2010, 41, 159-171.	1.9	222
99	Sciatic nerve injury induces apoptosis of dorsal root ganglion satellite glial cells and selectively modifies neurosteroidogenesis in sensory neurons. <i>Glia</i> , 2010, 58, 169-180.	2.5	57
100	A β and human amylin share a common toxicity pathway via mitochondrial dysfunction. <i>Proteomics</i> , 2010, 10, 1621-1633.	1.3	112
101	The metabolic enhancer piracetam ameliorates the impairment of mitochondrial function and neurite outgrowth induced by A β amyloid peptide. <i>British Journal of Pharmacology</i> , 2010, 160, 246-257.	2.7	42
102	The Physiological Period Length of the Human Circadian Clock In Vivo Is Directly Proportional to Period in Human Fibroblasts. <i>PLoS ONE</i> , 2010, 5, e13376.	1.1	76
103	Dissecting Toxicity of Tau and β -Amyloid. <i>Neurodegenerative Diseases</i> , 2010, 7, 10-12.	0.8	25
104	Dendritic Function of Tau Mediates Amyloid- β Toxicity in Alzheimer's Disease Mouse Models. <i>Cell</i> , 2010, 142, 387-397.	13.5	1,563
105	Ginkgo Biloba Extract Ameliorates Oxidative Phosphorylation Performance and Rescues A β -Induced Failure. <i>PLoS ONE</i> , 2010, 5, e12359.	1.1	62
106	Amyloid- β and tau synergistically impair the oxidative phosphorylation system in triple transgenic Alzheimer's disease mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20057-20062.	3.3	581
107	Amyloid-beta Leads to Impaired Cellular Respiration, Energy Production and Mitochondrial Electron Chain Complex Activities in Human Neuroblastoma Cells. <i>Cellular and Molecular Neurobiology</i> , 2009, 29, 1063-1071.	1.7	172
108	Survival, neuron-like differentiation and functionality of mesenchymal stem cells in neurotoxic environment: the critical role of erythropoietin. <i>Cell Death and Differentiation</i> , 2009, 16, 1599-1614.	5.0	56

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109	Mitochondrial dysfunction: An early event in Alzheimer pathology accumulates with age in AD transgenic mice. <i>Neurobiology of Aging</i> , 2009, 30, 1574-1586.	1.5	395
110	Oligomeric and fibrillar species of β -amyloid (A β ²⁴²) both impair mitochondrial function in P301L tau transgenic mice. <i>Journal of Molecular Medicine</i> , 2008, 86, 1255-1267.	1.7	123
111	Dose-dependent and sequence-sensitive effects of amyloid- β peptide on neurosteroidogenesis in human neuroblastoma cells. <i>Neurochemistry International</i> , 2008, 52, 948-955.	1.9	38
112	Selective regulation of neurosteroid biosynthesis in human neuroblastoma cells under hydrogen peroxide-induced oxidative stress condition. <i>Neuroscience</i> , 2008, 151, 758-770.	1.1	23
113	Soluble Beta-Amyloid Leads to Mitochondrial Defects in Amyloid Precursor Protein and Tau Transgenic Mice. <i>Neurodegenerative Diseases</i> , 2008, 5, 157-159.	0.8	134
114	Psychopharmakotherapie – Pharmakologische Grundlagen. , 2008, , 583-623.		0
115	The MT2 Melatonin Receptor Subtype is Present in Human Retina and Decreases in Alzheimers Disease. <i>Current Alzheimer Research</i> , 2007, 4, 47-51.	0.7	66
116	Enhanced apoptosis, oxidative stress and mitochondrial dysfunction in lymphocytes as potential biomarkers for Alzheimer's disease. , 2007, , 207-215.		57
117	Mitochondrial Dysfunction: The First Domino in Brain Aging and Alzheimer's Disease?. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 1659-1676.	2.5	182
118	Stabilization of mitochondrial function by Ginkgo biloba extract (EGb 761). <i>Pharmacological Research</i> , 2007, 56, 493-502.	3.1	144
119	Effects of Alzheimer's amyloid-beta and tau protein on mitochondrial function – role of glucose metabolism and insulin signalling. <i>Archives of Physiology and Biochemistry</i> , 2007, 113, 131-141.	1.0	46
120	Inverse and distinct modulation of tau-dependent neurodegeneration by presenilin 1 and amyloid- β in cultured cortical neurons: evidence that tau phosphorylation is the limiting factor in amyloid- β -induced cell death. <i>Journal of Neurochemistry</i> , 2007, 101, 1303-1315.	2.1	60
121	The amyloid precursor protein potentiates CHOP induction and cell death in response to ER Ca ²⁺ depletion. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 157-165.	1.9	39
122	Increased T-cell Reactivity and Elevated Levels of CD8+ Memory T-cells in Alzheimer's Disease-patients and T-cell Hyporeactivity in an Alzheimer's Disease-mouse Model: Implications for Immunotherapy. <i>NeuroMolecular Medicine</i> , 2007, 9, 340-354.	1.8	42
123	Nitric oxide alters arachidonic acid turnover in brain cortex synaptoneurosomes. <i>Neurochemistry International</i> , 2006, 48, 1-8.	1.9	24
124	Mitochondrial dysfunction induced by disease relevant A β PP and tau protein mutations. <i>Journal of Alzheimer's Disease</i> , 2006, 9, 139-146.	1.2	33
125	Oxidative Stress and Neurodegenerative Disease. , 2006, , 627-647.		1
126	Piracetam improves mitochondrial dysfunction following oxidative stress. <i>British Journal of Pharmacology</i> , 2006, 147, 199-208.	2.7	79

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127	Apolipoprotein E epsilon 4 is associated with an increased vulnerability to cell death in Alzheimer's disease. <i>Journal of Neural Transmission</i> , 2006, 113, 1753-1761.	1.4	17
128	Aging sensitizes toward ROS formation and lipid peroxidation in PS1M146L transgenic mice. <i>Free Radical Biology and Medicine</i> , 2006, 40, 850-862.	1.3	87
129	Mitochondrial dysfunction in sporadic and genetic Alzheimer's disease. <i>Experimental Gerontology</i> , 2006, 41, 668-673.	1.2	112
130	Modulation of neurosteroid production in human neuroblastoma cells by Alzheimer's disease key proteins. <i>Journal of Neurobiology</i> , 2006, 66, 868-881.	3.7	40
131	Apoptosis of CD4+ T and Natural Killer Cells in Alzheimer's Disease. <i>Pharmacopsychiatry</i> , 2006, 39, 220-228.	1.7	41
132	Pineal and cortical melatonin receptors MT1 and MT2 are decreased in Alzheimer's disease. <i>European Journal of Histochemistry</i> , 2006, 50, 311-6.	0.6	71
133	Stabilization of Mitochondrial Membrane Potential and Improvement of Neuronal Energy Metabolism by Ginkgo Biloba Extract EGb 761. <i>Annals of the New York Academy of Sciences</i> , 2005, 1056, 474-485.	1.8	109
134	Reduced hippocampal MT2 melatonin receptor expression in Alzheimer's disease. <i>Journal of Pineal Research</i> , 2005, 38, 10-16.	3.4	187
135	Enhanced ROS-Generation in Lymphocytes from Alzheimer's Patients. <i>Pharmacopsychiatry</i> , 2005, 38, 312-315.	1.7	47
136	Proteomic and Functional Analyses Reveal a Mitochondrial Dysfunction in P301L Tau Transgenic Mice. <i>Journal of Biological Chemistry</i> , 2005, 280, 23802-23814.	1.6	362
137	Impaired Cu/Zn-SOD activity contributes to increased oxidative damage in APP transgenic mice. <i>Neurobiology of Disease</i> , 2005, 18, 89-99.	2.1	143
138	Amyloid β -induced Changes in Nitric Oxide Production and Mitochondrial Activity Lead to Apoptosis. <i>Journal of Biological Chemistry</i> , 2004, 279, 50310-50320.	1.6	261
139	Impact of gender on upregulation of antioxidant defence mechanisms in Alzheimer's disease brain. <i>Journal of Neural Transmission</i> , 2004, 111, 1167-82.	1.4	79
140	Age-related alteration of activity and gene expression of endothelial nitric oxide synthase in different parts of the brain in rats. <i>Neuroscience Letters</i> , 2004, 370, 175-179.	1.0	20
141	Impact of Aging: Sporadic, and Genetic Risk Factors on Vulnerability to Apoptosis in Alzheimer's Disease. <i>NeuroMolecular Medicine</i> , 2003, 4, 161-178.	1.8	30
142	Increased Apoptotic Cell Death in Sporadic and Genetic Alzheimer's Disease. <i>Annals of the New York Academy of Sciences</i> , 2003, 1010, 604-609.	1.8	76
143	Mitochondrial dysfunction, apoptotic cell death, and Alzheimer's disease. <i>Biochemical Pharmacology</i> , 2003, 66, 1627-1634.	2.0	280
144	The amyloid precursor protein protects PC12 cells against endoplasmic reticulum stress-induced apoptosis. <i>Journal of Neurochemistry</i> , 2003, 87, 248-256.	2.1	57

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145	Neurotoxic Mechanisms Caused by the Alzheimer's Disease-linked Swedish Amyloid Precursor Protein Mutation. <i>Journal of Biological Chemistry</i> , 2003, 278, 28294-28302.	1.6	154
146	Dietary Cu stabilizes brain superoxide dismutase 1 activity and reduces amyloid A β production in APP23 transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 14187-14192.	3.3	330
147	Effects of EGb 761 \hat{A} [®] Ginkgo biloba Extract on Mitochondrial Function and Oxidative Stress. <i>Pharmacopsychiatry Supplement</i> , 2003, 36, 15-23.	0.8	99
148	Psychopharmakotherapie: pharmakologische Grundlagen. , 2003, , 513-564.		1
149	Age-related impairment of human T lymphocytes \hat{A} TM activation: specific differences between CD4+ and CD8+ subsets. <i>Mechanisms of Ageing and Development</i> , 2002, 123, 375-390.	2.2	69
150	Reduction of Trophic Support Enhances Apoptosis in PC12 Cells Expressing Alzheimer's APP Mutation and Sensitizes Cells to Staurosporine-Induced Cell Death. <i>Journal of Molecular Neuroscience</i> , 2002, 18, 189-202.	1.1	22
151	Alzheimer's Disease-like Alterations in Peripheral Cells from Presenilin-1 Transgenic Mice. <i>Neurobiology of Disease</i> , 2001, 8, 331-342.	2.1	55
152	Elevated Levels of Fragmented DNA Nucleosomes in Native and Activated Lymphocytes Indicate an Enhanced Sensitivity to Apoptosis in Sporadic Alzheimer \hat{A} TM s Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2001, 12, 98-105.	0.7	29
153	ROS generation, lipid peroxidation and antioxidant enzyme activities in the aging brain. <i>Journal of Neural Transmission</i> , 2001, 108, 955-967.	1.4	175
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