Nigel M Hooper

List of Publications by Year
in descending order

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Version: 2024-02-01

276 papers	20,679 citations	16791 66 h-index	13274 135 g-index
291 all docs	291 docs citations	291 times ranked	26910 citing authors

#	Article	IF	Citations
1	The role of protein aggregation in the pathogenesis of inclusion body myositis.. Clinical and Experimental Rheumatology, 2022, 40, 414-424.	0.4	5
2	The role of protein aggregation in the pathogenesis of inclusion body myositis.. Clinical and Experimental Rheumatology, 2022, 40, 414-424.	0.4	0
3	Mild Cognitive Impairment: the Manchester consensus. Age and Ageing, 2021, 50, 72-80.	0.7	80
4	Widespread Decreases in Cerebral Copper Are Common to Parkinson's Disease Dementia and Alzheimer's Disease Dementia. Frontiers in Aging Neuroscience, 2021, 13, 641222.	1.7	21
5	Nanoparticle-Enabled Enrichment of Longitudinal Blood Proteomic Fingerprints in Alzheimerâ€™s Disease. ACS Nano, 2021, 15, 7357-7369.	7.3	17
6	Exploiting the neuroprotective effects of Î±-klotho to tackle ageing- and neurodegeneration-related cognitive dysfunction. Neuronal Signaling, 2021, 5, NS20200101.	1.7	12
7	Substantively Lowered Levels of Pantothenic Acid (Vitamin B5) in Several Regions of the Human Brain in Parkinsonâ€™s Disease Dementia. Metabolites, 2021, 11, 569.	1.3	17
8	Severe and Regionally Widespread Increases in Tissue Urea in the Human Brain Represent a Novel Finding of Pathogenic Potential in Parkinsonâ€™s Disease Dementia. Frontiers in Molecular Neuroscience, 2021, 14, 711396.	1.4	9
9	3D hydrogel models of the neurovascular unit to investigate bloodâ€“brain barrier dysfunction. Neuronal Signaling, 2021, 5, NS20210027.	1.7	20
10	Effects of Alterations of Post-Mortem Delay and Other Tissue-Collection Variables on Metabolite Levels in Human and Rat Brain. Metabolites, 2020, 10, 438.	1.3	12
11	Extracellular Vesicles Isolated from Human Induced Pluripotent Stem Cell-Derived Neurons Contain a Transcriptional Network. Neurochemical Research, 2020, 45, 1711-1728.	1.6	11
12	Gene Ontology Curation of Neuroinflammation Biology Improves the Interpretation of Alzheimerâ€™s Disease Gene Expression Data. Journal of Alzheimer's Disease, 2020, 75, 1417-1435.	1.2	18
13	Evidence that levels of nine essential metals in post-mortem human-Alzheimerâ€™s-brain andex vivorat-brain tissues are unaffected by differences in post-mortem delay, age, disease staging, and brain bank location. Metallomics, 2020, 12, 952-962.	1.0	12
14	A Preliminary Evaluation of the Pro-Chondrogenic Potential of 3D-Bioprinted Poly(ester Urea) Scaffolds. Polymers, 2020, 12, 1478.	2.0	9
15	The cellular expression and proteolytic processing of the amyloid precursor protein is independent of TDP-43. Bioscience Reports, 2020, 40, .	1.1	5
16	Discovery and characterization of ACE2 â€“ a 20-year journey of surprises from vasopeptidase to COVID-19. Clinical Science, 2020, 134, 2489-2501.	1.8	16
17	Proteolysis of the low density lipoprotein receptor by bone morphogenetic protein-1 regulates cellular cholesterol uptake. Scientific Reports, 2019, 9, 11416.	1.6	13
18	Quantitative interaction proteomics reveals differences in the interactomes of amyloid precursor protein isoforms. Journal of Neurochemistry, 2019, 149, 399-412.	2.1	12

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19	Blended alginate/collagen hydrogels promote neurogenesis and neuronal maturation. Materials Science and Engineering C, 2019, 104, 109904.	3.8	81
20	Proteolytic shedding of the prion protein via activation of metallopeptidase ADAM10 reduces cellular binding and toxicity of amyloid-Î² oligomers. Journal of Biological Chemistry, 2019, 294, 7085-7097.	1.6	38
21	Genetic meta-analysis of diagnosed Alzheimerâ€™s disease identifies new risk loci and implicates AÎ², tau, immunity and lipid processing. Nature Genetics, 2019, 51, 414-430.	9.4	1,962
22	P4â€•524: PROTEOLYTIC CLEAVAGE OF TAU IN CORTICOBASAL DEGENERATION AND PROGRESSIVE SUPRANUCLEAR PALSY PATHOGENESIS. Alzheimer's and Dementia, 2019, 15, P1514.	0.4	0
23	Tau Proteolysis in the Pathogenesis of Tauopathies: Neurotoxic Fragments and Novel Biomarkers. Journal of Alzheimer's Disease, 2018, 63, 13-33.	1.2	111
24	Tissue Engineering 3D Neurovascular Units: A Biomaterials and Bioprinting Perspective. Trends in Biotechnology, 2018, 36, 457-472.	4.9	78
25	Plasma metals as potential biomarkers in dementia: a caseâ€“control study in patients with sporadic Alzheimerâ€™s disease. BioMetals, 2018, 31, 267-276.	1.8	13
26	A step-by-step translation of evidence into a psychosocial intervention for everyday activities in dementia: a focus group study. Aging and Mental Health, 2018, 22, 323-329.	1.5	3
27	Amyloid Î² synaptotoxicity is Wntâ€PCP dependent and blocked by fasudil. Alzheimer's and Dementia, 2018, 14, 306-317.	0.4	81
28	Polygenic risk score in postmortem diagnosed sporadic early-onset Alzheimer's disease. Neurobiology of Aging, 2018, 62, 244.e1-244.e8.	1.5	30
29	P3â€•230: IDENTIFICATION OF A PLASMA PROTEIN SIGNATURE FOR ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P1159.	0.4	0
30	P3â€•142: SOLUBLE AMYLOID PRECURSOR PROTEIN Î± (SAPPÎ±) PROMOTES SYNAPTOGENESIS IN HUMANâ€INDUCED PLURIPOTENT STEM CELLâ€DERIVED NEURONS. Alzheimer's and Dementia, 2018, 14, P1122.	0.4	0
31	P1â€•219: AMYLOIDâ€Î² DEGRADATION IN INDUCED PLURIPOTENT STEM CELL (IPSC)â€DERIVED NEURONS. Alzheimer's and Dementia, 2018, 14, P362.	0.4	0
32	P4â€•054: KLOTHO ENHANCES NEURONAL ACTIVITY THROUGH INTERACTION WITH A CELLâ€SURFACE RECEPTOR. Alzheimer's and Dementia, 2018, 14, P1453.	0.4	0
33	O1â€•06â€•06: PROTEOLYTIC CLEAVAGE OF TAU IN DEMENTIA PATHOGENESIS. Alzheimer's and Dementia, 2018, 14, P232.	0.4	0
34	Soluble Amyloid Precursor Protein Î±: Friend or Foe?. Advances in Experimental Medicine and Biology, 2018, 1112, 177-183.	0.8	13
35	Improving the Gene Ontology Resource to Facilitate More Informative Analysis and Interpretation of Alzheimerâ€™s Disease Data. Genes, 2018, 9, 593.	1.0	15
36	Modelling Sporadic Alzheimerâ€™s Disease Using Induced Pluripotent Stem Cells. Neurochemical Research, 2018, 43, 2179-2198.	1.6	27

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37	P1â€183: THE ROLE OF AMYLIN IN ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P348.	0.4	0
38	Why Is Research on Amyloid-Î² Failing to Give New Drugs for Alzheimerâ€™s Disease?. ACS Chemical Neuroscience, 2017, 8, 1435-1437.	1.7	201
39	Tau Diagnostics and Clinical Studies. Journal of Molecular Neuroscience, 2017, 63, 123-130.	1.1	11
40	Proteolytic cleavage of the low density lipoprotein receptor regulates cellular cholesterol uptake. Atherosclerosis, 2017, 263, e221.	0.4	0
41	[P4â€“130]: Î²â€AMYLOID SYNAPTOTOXICITY DRIVES Î²â€AMYLOID PRODUCTION. Alzheimer's and Dementia, 2017, 13, P1306.	0.4	0
42	Mutation analysis of sporadic early-onset Alzheimer's disease using the NeuroX array. Neurobiology of Aging, 2017, 49, 215.e1-215.e8.	1.5	21
43	Elevation of brain glucose and polyol-pathway intermediates with accompanying brain-copper deficiency in patients with Alzheimerâ€™s disease: metabolic basis for dementia. Scientific Reports, 2016, 6, 27524.	1.6	68
44	A Greek Tragedy: The Growing Complexity of Alzheimer Amyloid Precursor Protein Proteolysis. Journal of Biological Chemistry, 2016, 291, 19235-19244.	1.6	151
45	ABCA7 p.G215S as potential protective factor for Alzheimer's disease. Neurobiology of Aging, 2016, 46, 235.e1-235.e9.	1.5	37
46	Prion protein â€œgamma-cleavageâ€: characterizing a novel endoproteolytic processing event. Cellular and Molecular Life Sciences, 2016, 73, 667-683.	2.4	39
47	Screening exons 16 and 17 of the amyloid precursor protein gene in sporadic early-onset Alzheimer's disease. Neurobiology of Aging, 2016, 39, 220.e1-220.e7.	1.5	12
48	Amyloid-Î² Receptors: The Good, the Bad, and the Prion Protein. Journal of Biological Chemistry, 2016, 291, 3174-3183.	1.6	201
49	Ablation of Prion Protein in Wild Type Human Amyloid Precursor Protein (APP) Transgenic Mice Does Not Alter The Proteolysis of APP, Levels of Amyloid-Î² or Pathologic Phenotype. PLoS ONE, 2016, 11, e0159119.	1.1	9
50	The effects of the cellular and infectious prion protein on the neuronal adaptor protein X11Î±. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 2213-2221.	1.1	2
51	The Role of Tissue Non-specific Alkaline Phosphatase (TNAP) in Neurodegenerative Diseases: Alzheimerâ€™s Disease in the Focus. Sub-Cellular Biochemistry, 2015, 76, 363-374.	1.0	18
52	Heme oxygenase-1 protects against Alzheimerâ€™s amyloid-Î²1-42-induced toxicity via carbon monoxide production. Cell Death and Disease, 2014, 5, e1569-e1569.	2.7	73
53	Angiotensin-converting enzyme 2 is subject to post-transcriptional regulation by miR-421. Clinical Science, 2014, 127, 243-249.	1.8	84
54	A label-free electrical impedimetric biosensor for the specific detection of Alzheimer's amyloid-beta oligomers. Biosensors and Bioelectronics, 2014, 56, 83-90.	5.3	166

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55	Lipid rafts: linking prion protein to zinc transport and amyloid-ÃŽÂ² toxicity in Alzheimer's disease. Frontiers in Cell and Developmental Biology, 2014, 2, 41.	1.8	18
56	P4-210: THE DEMENTIA CONSORTIUM: AN INTERNATIONAL PARTNERSHIP MODEL TO ACCELERATE DRUG DISCOVERY. , 2014, 10, P865-P865.		0
57	Discovery of Biphenylacetamide-Derived Inhibitors of BACE1 Using de Novo Structure-Based Molecular Design. Journal of Medicinal Chemistry, 2013, 56, 1843-1852.	2.9	16
58	Prion Protein-mediated Toxicity of Amyloid-Î² Oligomers Requires Lipid Rafts and the Transmembrane LRP1. Journal of Biological Chemistry, 2013, 288, 8935-8951.	1.6	131
59	Neuronal zinc regulation and the prion protein. Prion, 2013, 7, 203-208.	0.9	47
60	Membrane dipeptidase. , 2013, , 1670-1673.		2
61	Prion Protein Is Decreased in Alzheimer's Brain and Inversely Correlates with BACE1 Activity, Amyloid-Î² Levels and Braak Stage. PLoS ONE, 2013, 8, e59554.	1.1	35
62	Angiotensin-Converting Enzyme-2. , 2013, , 499-504.		5
63	BIN1 Is Decreased in Sporadic but Not Familial Alzheimerâ€™s Disease or in Aging. PLoS ONE, 2013, 8, e78806.	1.1	65
64	Xaa-Trp Aminopeptidase. , 2013, , 1701-1702.		0
65	Prion protein facilitates uptake of zinc into neuronal cells. Nature Communications, 2012, 3, 1134.	5.8	119
66	Regulation of amyloid-Î² production by the prion protein. Prion, 2012, 6, 217-222.	0.9	19
67	Alkaline Phosphatase Is Increased in both Brain and Plasma in Alzheimerâ€™s Disease. Neurodegenerative Diseases, 2012, 9, 31-37.	0.8	71
68	Cellular Prion Protein Expression Is Not Regulated by the Alzheimer's Amyloid Precursor Protein Intracellular Domain. PLoS ONE, 2012, 7, e31754.	1.1	13
69	Lipid Rafts: Linking Alzheimer's Amyloid-Î²Production, Aggregation, and Toxicity at Neuronal Membranes. International Journal of Alzheimer's Disease, 2011, 2011, 1-14.	1.1	156
70	The Role of Zinc in Alzheimer's Disease. International Journal of Alzheimer's Disease, 2011, 2011, 1-10.	1.1	92
71	The role of lipid rafts in prion protein biology. Frontiers in Bioscience - Landmark, 2011, 16, 151.	3.0	72
72	Glypicanâ€1 facilitates prion conversion in lipid rafts. Journal of Neurochemistry, 2011, 116, 721-725.	2.1	24

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73	Common variants at ABCA7, MS4A6A/MS4A4E, EPHA1, CD33 and CD2AP are associated with Alzheimer's disease. Nature Genetics, 2011, 43, 429-435.	9.4	1,708
74	Neprilysin, obesity and the metabolic syndrome. International Journal of Obesity, 2011, 35, 1031-1040.	1.6	137
75	PCSK9: an emerging target for treatment of hypercholesterolemia. Expert Opinion on Therapeutic Targets, 2011, 15, 157-168.	1.5	43
76	A functional XPNPEP2 promoter haplotype leads to reduced plasma aminopeptidase P and increased risk of ACE inhibitor-induced angioedema. Human Mutation, 2011, 32, 1326-1331.	1.1	104
77	Prion Protein Interacts with BACE1 Protein and Differentially Regulates Its Activity toward Wild Type and Swedish Mutant Amyloid Precursor Protein. Journal of Biological Chemistry, 2011, 286, 33489-33500.	1.6	53
78	GPI-Anchored Proteins in Health and Disease. , 2011, , 39-55.		11
79	Plasma alkaline phosphatase is elevated in Alzheimer's disease and inversely correlates with cognitive function. International Journal of Molecular Epidemiology and Genetics, 2011, 2, 114-21.	0.4	29
80	Prion Protein is Reduced in Aging and in Sporadic but not in Familial Alzheimer's Disease. Journal of Alzheimer's Disease, 2010, 22, 1023-1031.	1.2	39
81	Ligandâ€Stimulated VEGFR2 Signaling is Regulated by Coâ€Ordinated Trafficking and Proteolysis. Traffic, 2010, 11, 161-174.	1.3	124
82	The Transcriptionally Active Amyloid Precursor Protein (APP) Intracellular Domain Is Preferentially Produced from the 695 Isoform of APP in a Î²-Secretase-dependent Pathway. Journal of Biological Chemistry, 2010, 285, 41443-41454.	1.6	175
83	Plasma Angiotensin-Converting Enzyme in Alzheimer's Disease. Journal of Alzheimer's Disease, 2009, 16, 609-618.	1.2	28
84	Prion protein and Alzheimer disease. Prion, 2009, 3, 190-194.	0.9	66
85	Role of ADAMs in the Ectodomain Shedding and Conformational Conversion of the Prion Protein. Journal of Biological Chemistry, 2009, 284, 22590-22600.	1.6	128
86	Rab GTPase Regulation of VEGFR2 Trafficking and Signaling in Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1119-1124.	1.1	65
87	Glypican-1 Mediates Both Prion Protein Lipid Raft Association and Disease Isoform Formation. PLoS Pathogens, 2009, 5, e1000666.	2.1	76
88	Association of a GPI-anchored protein with detergent-resistant membranes facilitates its trafficking through the early secretory pathway. Experimental Cell Research, 2009, 315, 348-356.	1.2	15
89	Discovery of novel non-peptide inhibitors of BACE-1 using virtual high-throughput screening. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6770-6774.	1.0	28
90	Î±-cleavage of the prion protein occurs in a late compartment of the secretory pathway and is independent of lipid rafts. Molecular and Cellular Neurosciences, 2009, 40, 242-248.	1.0	61

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91	Antibody-mediated disruption of the interaction between PCSK9 and the low-density lipoprotein receptor. Biochemical Journal, 2009, 419, 577-584.	1.7	92
92	Protective effect of prion protein via the Nâ€terminal region in mediating a protective effect on paraquatâ€induced oxidative injury in neuronal cells. Journal of Neuroscience Research, 2008, 86, 653-659.	1.3	30
93	Calmodulin interacts with angiotensinâ€converting enzymeâ€2 (ACE2) and inhibits shedding of its ectodomain. FEBS Letters, 2008, 582, 385-390.	1.3	115
94	Angiotensin-converting enzyme 2 and new insights into the reninâ€“angiotensin system. Biochemical Pharmacology, 2008, 75, 781-786.	2.0	87
95	A new take on prions: preventing Alzheimer's disease. Trends in Biochemical Sciences, 2008, 33, 151-155.	3.7	27
96	Visualization of Detergent Solubilization of Membranes: Implications for the Isolation of Rafts. Biophysical Journal, 2008, 94, 1326-1340.	0.2	86
97	Membrane raft actin deficiency and altered Ca2+-induced vesiculation in stomatin-deficient overhydrated hereditary stomatocytosis. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 125-132.	1.4	25
98	Emerging and potential therapies for Alzheimer's disease. Expert Opinion on Therapeutic Targets, 2008, 12, 693-704.	1.5	27
99	The bradykinin-degrading aminopeptidase P is increased in women taking the oral contraceptive pill. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2008, 9, 221-225.	1.0	18
100	Mechanism of the metal-mediated endocytosis of the prion protein. Biochemical Society Transactions, 2008, 36, 1272-1276.	1.6	32
101	Cellular prion protein regulates beta-secretase cleavage of the Alzheimer's amyloid precursor protein. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11062-11067.	3.3	249
102	The low-density lipoprotein receptor-related protein 1 (LRP1) mediates the endocytosis of the cellular prion protein. Biochemical Journal, 2007, 402, 17-23.	1.7	118
103	Increased Circulating Insulin-like Growth Factor-1 in Late-onset Alzheimer's Disease. Journal of Alzheimer's Disease, 2007, 12, 285-290.	1.2	95
104	Prion protein in Alzheimerâ€™s disease. Future Neurology, 2007, 2, 587-590.	0.9	5
105	Role of lipid rafts in the processing of the pathogenic prion and Alzheimer's amyloid-Î² proteins. Seminars in Cell and Developmental Biology, 2007, 18, 638-648.	2.3	52
106	Sphingomyelin chain length influences the distribution of GPI-anchored proteins in rafts in supported lipid bilayers. Molecular Membrane Biology, 2007, 24, 233-242.	2.0	38
107	Angiotensin I-Converting Enzyme (ACE). , 2007, , 1-7.		1
108	Contamination of nuclear fractions with plasma membrane lipid rafts. Proteomics, 2007, 7, 1059-1064.	1.3	17

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109	Identification and characterisation of the angiotensin converting enzyme-3 (ACE3) gene: a novel mammalian homologue of ACE. BMC Genomics, 2007, 8, 194.	1.2	25
110	Cellular prion protein protects against reactive-oxygen-species-induced DNA damage. Free Radical Biology and Medicine, 2007, 43, 959-967.	1.3	52
111	Release of renal dipeptidase from Glycosylphosphatidylinositol anchor by insulin-triggered phospholipase c/intracellular Ca2+. Archives of Pharmacal Research, 2007, 30, 608-615.	2.7	0
112	Angiotensin-Converting Enzyme-2 (ACE2). , 2007, , 1-4.		2
113	Membrane Dipeptidase. , 2007, , 1-5.		0
114	Secretases as Pharmacological Targets in Alzheimer's Disease. , 2007, , 113-124.		1
115	The prion protein and lipid rafts (Review). Molecular Membrane Biology, 2006, 23, 89-99.	2.0	242
116	Effect of Hydrophobic Mismatch on Phase Behavior of Lipid Membranes. Biophysical Journal, 2006, 90, 4104-4118.	0.2	23
117	Isolation and Characterization of Glycosylphosphatidylinositol-Anchored Peptides by Hydrophilic Interaction Chromatography and MALDI Tandem Mass Spectrometry. Analytical Chemistry, 2006, 78, 3335-3341.	3.2	57
118	The involvement of lipid rafts in Alzheimer's disease (Review). Molecular Membrane Biology, 2006, 23, 111-122.	2.0	182
119	A broad-spectrum fluorescence-based peptide library for the rapid identification of protease substrates. Proteomics, 2006, 6, 2112-2120.	1.3	45
120	Foreword: lipid rafts/biophysics, cell signalling, trafficking and processing. Molecular Membrane Biology, 2006, 23, 1-3.	2.0	5
121	Circulating Activities of Angiotensin-Converting Enzyme, Its Homolog, Angiotensin-Converting Enzyme 2, and Neprilysin in a Family Study. Hypertension, 2006, 48, 914-920.	1.3	167
122	Emerging therapeutics for Alzheimerâ€™s disease. Expert Review of Neurotherapeutics, 2006, 6, 695-704.	1.4	29
123	A Mutation in Aminopeptidase N (CD13) Isolated from a Patient Suffering from Leukemia Leads to an Arrest in the Endoplasmic Reticulum. Journal of Biological Chemistry, 2006, 281, 11894-11900.	1.6	9
124	Identification of critical active-site residues in angiotensin-converting enzyme-2 (ACE2) by site-directed mutagenesis. FEBS Journal, 2005, 272, 3512-3520.	2.2	111
125	Tumor Necrosis Factor-Î± Convertase (ADAM17) Mediates Regulated Ectodomain Shedding of the Severe-acute Respiratory Syndrome-Coronavirus (SARS-CoV) Receptor, Angiotensin-converting Enzyme-2 (ACE2). Journal of Biological Chemistry, 2005, 280, 30113-30119.	1.6	615
126	Angiotensin-converting enzyme as a GPIase: a critical reevaluation. Nature Medicine, 2005, 11, 1139-1140.	15.2	28

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127	Assigning functions to distinct regions of the N-terminus of the prion protein that are involved in its copper-stimulated, clathrin-dependent endocytosis. Journal of Cell Science, 2005, 118, 5141-5153.	1.2	142
128	Angiotensin-converting Enzyme 2 (ACE2), But Not ACE, Is Preferentially Localized to the Apical Surface of Polarized Kidney Cells. Journal of Biological Chemistry, 2005, 280, 39353-39362.	1.6	163
129	Reactive Oxygen Species-mediated Î²-Cleavage of the Prion Protein in the Cellular Response to Oxidative Stress. Journal of Biological Chemistry, 2005, 280, 35914-35921.	1.6	151
130	Proteolytic mechanisms in amyloid-Î² metabolism: therapeutic implications for Alzheimer's disease. Trends in Molecular Medicine, 2005, 11, 464-472.	3.5	116
131	The Kinetics of Phase Separation in Asymmetric Membranes. Biophysical Journal, 2005, 88, 4072-4083.	0.2	32
132	Angiotensin-converting enzyme 2. , 2004, , 349-351.		10
133	N-Glycans, not the GPI anchor, mediate the apical targeting of a naturally glycosylated, GPI-anchored protein in polarised epithelial cells. Journal of Cell Science, 2004, 117, 5079-5086.	1.2	53
134	Evaluation of angiotensin-converting enzyme (ACE), its homologue ACE2 and neprilysin in angiotensin peptide metabolism. Biochemical Journal, 2004, 383, 45-51.	1.7	539
135	Dual Mechanisms for Shedding of the Cellular Prion Protein. Journal of Biological Chemistry, 2004, 279, 11170-11178.	1.6	120
136	The role of ADAM10 and ADAM17 in the ectodomain shedding of angiotensin converting enzyme and the amyloid precursor protein. FEBS Journal, 2004, 271, 2539-2547.	0.2	78
137	Normalized Proliferation of Normal and Psoriatic Keratinocytes by Suppression of sAPPÎ±-Release. Journal of Investigative Dermatology, 2004, 123, 556-563.	0.3	19
138	ACE2: from vasopeptidase to SARS virus receptor. Trends in Pharmacological Sciences, 2004, 25, 291-294.	4.0	483
139	Membrane dipeptidase. , 2004, , 994-997.		4
140	Secretase-Mediated Cell Surface Shedding of the Angiotensin-Converting Enzyme. Protein and Peptide Letters, 2004, 11, 423-432.	0.4	43
141	X-Trp aminopeptidase. , 2004, , 1013-1014.		1
142	Angiotensin converting enzyme-2 (ACE2) and its possible roles in hypertension, diabetes and cardiac function. International Journal of Peptide Research and Therapeutics, 2003, 10, 377-385.	0.1	13
143	The prion protein and neuronal zinc homeostasis. Trends in Biochemical Sciences, 2003, 28, 406-410.	3.7	78
144	Could inhibition of the proteasome cause mad cow disease?. Trends in Biotechnology, 2003, 21, 144-145.	4.9	14

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145	ADAMs family members as amyloid precursor protein ?-secretases. Journal of Neuroscience Research, 2003, 74, 342-352.	1.3	402
146	Tethering the N-terminus of the prion protein compromises the cellular response to oxidative stress. Journal of Neurochemistry, 2003, 84, 480-490.	2.1	64
147	An ACE structure. Nature Structural and Molecular Biology, 2003, 10, 155-157.	3.6	34
148	Angiotensin Converting Enzyme-2 (ACE2) and its Possible Roles in Hypertension, Diabetes and Cardiac Function. International Journal of Peptide Research and Therapeutics, 2003, 10, 377-385.	0.1	17
149	Changes of angiotensin-converting enzyme activity in the pancreas of chronic hypoxia and acute pancreatitis. International Journal of Biochemistry and Cell Biology, 2003, 35, 944-954.	1.2	37
150	Angiotensin-Converting Enzyme-2 (ACE2):Â Comparative Modeling of the Active Site, Specificity Requirements, and Chloride Dependenceâ€. Biochemistry, 2003, 42, 13185-13192.	1.2	164
151	Glycosylation efficiency of Asn-Xaa-Thr sequons is independent of distance from the C-terminus in membrane dipeptidase. Glycobiology, 2003, 13, 641-646.	1.3	17
152	Surface Coat Remodeling during Differentiation of Trypanosoma brucei. Journal of Biological Chemistry, 2003, 278, 24665-24672.	1.6	47
153	Exclusively targeting Â-secretase to lipid rafts by GPI-anchor addition up-regulates Â-site processing of the amyloid precursor protein. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11735-11740.	3.3	346
154	The N-terminal Region of the Prion Protein Ectodomain Contains a Lipid Raft Targeting Determinant. Journal of Biological Chemistry, 2003, 278, 37241-37248.	1.6	88
155	The Caenorhabditis elegans Orthologue of Mammalian Puromycin-sensitive Aminopeptidase Has Roles in Embryogenesis and Reproduction. Journal of Biological Chemistry, 2003, 278, 42795-42801.	1.6	30
156	The ectodomain shedding of angiotensin-converting enzyme is independent of its localisation in lipid rafts. Journal of Cell Science, 2003, 116, 3079-3087.	1.2	24
157	Distance of sequons to the C-terminus influences the cellular N-glycosylation of the prion protein. Biochemical Journal, 2003, 370, 351-355.	1.7	24
158	ACEH/ACE2 is a novel mammalian metallocarboxypeptidase and a homologue of angiotensin-converting enzyme insensitive to ACE inhibitors. Canadian Journal of Physiology and Pharmacology, 2002, 80, 346-353.	0.7	156
159	Nitric oxide inhibits the shedding of the glycosylphosphatidylinositol-anchored dipeptidase from porcine renal proximal tubules. Biochemical Journal, 2002, 364, 211-218.	1.7	8
160	The C-terminal domain, but not the interchain disulphide, is required for the activity and intracellular trafficking of aminopeptidase A. Biochemical Journal, 2002, 362, 191-197.	1.7	15
161	Role of the transmembrane form of the prion protein in neurodegeneration. Biochemical Society Transactions, 2002, 30, A79-A79.	1.6	0
162	Structureâ^'Activity Relationship of Hydroxamate-Based Inhibitors on the Secretases that Cleave the Amyloid Precursor Protein, Angiotensin Converting Enzyme, CD23, and Pro-Tumor Necrosis Factor-Î±. Biochemistry, 2002, 41, 4972-4981.	1.2	46

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163	Muscarine enhances soluble amyloid precursor protein secretion in human neuroblastoma SH-SY5Y by a pathway dependent on protein kinase CÎ±, src-tyrosine kinase and extracellular signal-regulated kinase but not phospholipase C. Molecular Brain Research, 2002, 102, 62-72.	2.5	51
164	The angiotensinâ€“converting enzyme gene family: genomics and pharmacology. Trends in Pharmacological Sciences, 2002, 23, 177-183.	4.0	358
165	Glycosyl-Phosphatidylinositol (GPI)-Anchored Renal Dipeptidase Is Released by a Phospholipase C in vivo. Kidney and Blood Pressure Research, 2002, 25, 7-12.	0.9	14
166	Prion Disease: Close Encounters Of The Cellular Kind. Current Biology, 2002, 12, R248-R249.	1.8	0
167	Spontaneous release of glycosylphosphatidylinositol (GPI)-anchored renal dipeptidase from porcine renal proximal tubules. Archives of Pharmacal Research, 2002, 25, 80-85.	2.7	4
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