

Kieran C Breen

List of Publications by Year in descending order

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79
papers

3,668
citations

172457

29
h-index

133252

59
g-index

79
all docs

79
docs citations

79
times ranked

4091
citing authors

#	ARTICLE	IF	CITATIONS
1	The metric properties of a novel non-motor symptoms scale for Parkinson's disease: Results from an international pilot study. <i>Movement Disorders</i> , 2007, 22, 1901-1911.	3.9	838
2	Prevalence of nonmotor symptoms in Parkinson's disease in an international setting; Study using nonmotor symptoms questionnaire in 545 patients. <i>Movement Disorders</i> , 2007, 22, 1623-1629.	3.9	461
3	Beta amyloid precursor protein mediates neuronal cell-cell and cell-surface adhesion. <i>Journal of Neuroscience Research</i> , 1991, 28, 90-100.	2.9	227
4	The amyloidogenic potential and behavioral correlates of stress. <i>Molecular Psychiatry</i> , 2009, 14, 95-105.	7.9	154
5	A multicentre longitudinal observational study of changes in self reported health status in people with Parkinson's disease left untreated at diagnosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006, 78, 465-469.	1.9	130
6	Increase in extracellular NCAM and amyloid precursor protein following induction of long-term potentiation in the dentate gyrus of anaesthetized rats. <i>Neuroscience Letters</i> , 1994, 169, 77-80.	2.1	124
7	Intraventricular infusions of antibodies to amyloid- β -protein precursor impair the acquisition of a passive avoidance response in the rat. <i>Neuroscience Letters</i> , 1990, 115, 97-102.	2.1	92
8	The potential role of tau protein O-glycosylation in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2004, 6, 489-495.	2.6	85
9	Glucocorticoids trigger Alzheimer disease-like pathobiochemistry in rat neuronal cells expressing human tau. <i>Journal of Neurochemistry</i> , 2008, 107, 385-397.	3.9	82
10	Non-steroidal anti-inflammatory drugs as disease-modifying agents for Parkinson's disease: evidence from observational studies. <i>The Cochrane Library</i> , 2011, , CD008454.	2.8	81
11	Association of a salivary acetylcholinesterase with Alzheimer's disease and response to cholinesterase inhibitors. <i>Clinical Biochemistry</i> , 2004, 37, 98-104.	1.9	76
12	Non-motor symptoms of Parkinson's disease: the patient's perspective. <i>Journal of Neural Transmission</i> , 2013, 120, 531-535.	2.8	59
13	The role of the protein glycosylation state in the control of cellular transport of the amyloid β precursor protein. <i>Neuroscience</i> , 1999, 90, 15-25.	2.3	52
14	The effects of chronic nicotine on spatial learning and bromodeoxyuridine incorporation into the dentate gyrus of the rat. <i>Psychopharmacology</i> , 2006, 184, 540-546.	3.1	51
15	APP-collagen interaction is mediated by a heparin bridge mechanism. <i>Molecular and Chemical Neuropathology</i> , 1992, 16, 109-121.	1.0	50
16	A decrease in serum sialyltransferase levels in Alzheimer's disease. <i>Neurobiology of Aging</i> , 1994, 15, 99-102.	3.1	49
17	The dynamic localization of the glucocorticoid receptor in rat C6 glioma cell mitochondria. <i>Molecular and Cellular Endocrinology</i> , 2003, 209, 51-60.	3.2	48
18	Accuracy of Parkinson's disease diagnosis in 610 general practice patients in the West of Scotland. <i>Movement Disorders</i> , 2009, 24, 2379-2385.	3.9	47

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19	Postnatal D2-CAM/N-CAM Sialylation State Is Controlled by a Developmentally Regulated Golgi Sialyltransferase. <i>Journal of Neurochemistry</i> , 1987, 48, 1486-1493.	3.9	43
20	The role of glycoproteins in neural development, function, and disease. <i>Molecular Neurobiology</i> , 1998, 16, 163-220.	4.0	43
21	Synaptosomal Sialyltransferase Glycosylates Surface Proteins that Are Inaccessible to the Action of Membrane-Bound Sialidase. <i>Journal of Neurochemistry</i> , 1986, 47, 1176-1180.	3.9	43
22	Tissue-specific regulation of sialyltransferase activities in the rat by corticosteroids in vivo. <i>Glycobiology</i> , 1996, 6, 15-22.	2.5	41
23	Autoinsertion of soluble oligomers of Alzheimer's A β (1-42) peptide into cholesterol-containing membranes is accompanied by relocation of the sterol towards the bilayer surface. <i>BMC Structural Biology</i> , 2006, 6, 21.	2.3	40
24	Factors influencing the processing and function of the amyloid β precursor protein—a potential therapeutic target in Alzheimer's disease?. , 2000, 86, 111-144.		39
25	Plasma sialyltransferase levels in psychiatric disorders as a possible indicator of HPA axis function. <i>Biological Psychiatry</i> , 1997, 41, 1131-1136.	1.3	38
26	Inhibition of N-glycan processing alters axonal transport of synaptic glycoproteins in vivo. <i>NeuroReport</i> , 2000, 11, 1543-1547.	1.2	37
27	<i>Helicobacter pylori</i> eradication for Parkinson's disease. <i>The Cochrane Library</i> , 2011, , CD008453.	2.8	35
28	The effect of corticosteroids on amyloid β precursor protein/amyloid precursor-like protein expression and processing in vivo. <i>Neuroscience Letters</i> , 1999, 276, 61-64.	2.1	33
29	The role of post-translational modification in β -amyloid precursor protein processing. <i>Biochemical Society Symposia</i> , 2001, 67, 23-36.	2.7	33
30	Differentiation-Dependent Sialylation of Individual Neural Cell Adhesion Molecule Polypeptides During Postnatal Development. <i>Journal of Neurochemistry</i> , 1988, 50, 712-716.	3.9	31
31	Precompetitive Data Sharing as a Catalyst to Address Unmet Needs in Parkinson's Disease 1. <i>Journal of Parkinson's Disease</i> , 2015, 5, 581-594.	2.8	25
32	Lead stimulates Golgi sialyltransferase at times coincident with the embryonic to adult conversion of the neural cell adhesion molecule (N-CAM). <i>Toxicology</i> , 1988, 49, 71-76.	4.2	24
33	A Decrease in Neural Sialyltransferase Activity in Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 1995, 6, 185-190.	1.5	24
34	What impacts on the stress symptoms of Parkinson's carers? Results from the Parkinson's UK Members Survey. <i>Disability and Rehabilitation</i> , 2014, 36, 199-204.	1.8	23
35	Perturbations of cellular functions integral to neural tube formation by the putative teratogen sodium valproate. <i>Toxicology in Vitro</i> , 1988, 2, 43-48.	2.4	22
36	Stimulation of Sialyltransferase by Subchronic Low-Level Lead Exposure in the Developing Nervous System. <i>Toxicology and Applied Pharmacology</i> , 1998, 151, 16-21.	2.8	22

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37	Activation of phospholipase D by metabotropic glutamate receptor agonists in rat cerebrocortical synaptosomes. <i>British Journal of Pharmacology</i> , 2000, 131, 1011-1018.	5.4	19
38	Partial sequence of the rat heavy neurofilament polypeptide (NF-H) Identification of putative phosphorylation sites. <i>FEBS Letters</i> , 1988, 241, 213-218.	2.8	18
39	Axonal transport of the cellular prion protein is increased during axon regeneration. <i>Journal of Neurochemistry</i> , 2005, 92, 1044-1053.	3.9	18
40	Protein Kinase C Activation Potentiates the Rapid Secretion of the Amyloid Precursor Protein from Rat Cortical Synaptosomes. <i>Journal of Neurochemistry</i> , 1999, 72, 273-281.	3.9	17
41	Inducible form of nitric oxide synthase expression in rat cortical neuronal cells in vitro. <i>Neurobiology of Disease</i> , 2004, 17, 70-76.	4.4	17
42	The effect of stress on the expression of the amyloid precursor protein in rat brain. <i>Neuroscience Letters</i> , 2008, 431, 197-200.	2.1	17
43	Protein Kinase C Activation Potentiates the Rapid Secretion of the Amyloid Precursor Protein from Rat Cortical Synaptosomes. <i>Journal of Neurochemistry</i> , 1999, 72, 273-281.	3.9	17
44	The effect of cell confluency state on the expression of neural cell surface glycoconjugates. <i>NeuroReport</i> , 1994, 5, 970-972.	1.2	16
45	Individual isoforms of the amyloid β precursor protein demonstrate differential adhesive potentials to constituents of the extracellular matrix. , 1997, 49, 154-160.		16
46	The over-expression of the wild type or mutant forms of the presenilin-1 protein alters glycoprotein processing in a human neuroblastoma cell line. <i>Neuroscience Letters</i> , 2003, 346, 53-56.	2.1	16
47	Characterization and Cellular Localization of a Developmentally Regulated Rat Neural Sialidase. <i>Journal of Neurochemistry</i> , 1986, 47, 18-22.	3.9	16
48	The role of protein glycosylation in the control of cellular N-sialyltransferase activity. <i>FEBS Letters</i> , 2002, 517, 215-218.	2.8	15
49	Overexpression of the α 2,6 (N) sialyltransferase enzyme in human and rat neural cell lines is associated with increased expression of the polysialic acid epitope. , 1999, 58, 641-651.		14
50	Temporal expression of neurofilament polypeptides in differentiating neuroblastoma cells. <i>NeuroReport</i> , 1991, 2, 21-24.	1.2	13
51	The generation and characterization of a rat neural cell line overexpressing the α 2,6(N) sialyltransferase. <i>Glycoconjugate Journal</i> , 1998, 15, 199-202.	2.7	13
52	The effect of corticosteroids on serum sialyltransferase enzyme activities in the rat. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1998, 1379, 23-28.	2.4	13
53	Glucocorticoid induction of the α 2,6 sialyltransferase enzyme in a mouse neural cell line. <i>Journal of Neuroscience Research</i> , 1998, 51, 619-626.	2.9	11
54	Anti-hypertensive drugs as disease-modifying agents for Parkinson's disease: evidence from observational studies and clinical trials. <i>The Cochrane Library</i> , 2011, , CD008535.	2.8	11

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55	Cyclic AMP-dependent expression of the heavy neurofilament (NF-H) polypeptide in differentiating neuroblastoma cells. <i>Molecular Brain Research</i> , 1990, 7, 161-165.	2.3	10
56	Lipopolysaccharide stimulates the secretion of the amyloid precursor protein via a protein kinase C-mediated pathway. <i>Neurobiology of Disease</i> , 2005, 19, 400-406.	4.4	10
57	Glucocorticoid potentiation of lead neurotoxicity in the mouse HN9 hippocampal cell line. <i>Toxicology in Vitro</i> , 1994, 8, 407-411.	2.4	8
58	The interaction between chronic low-level lead and the amyloid β precursor protein. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 1998, 5, 90-98.	3.0	8
59	The role of protein phosphorylation in β 2,6(N)-sialyltransferase activity. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 32-35.	2.1	7
60	The developmental regulation of the L2/HNK-1 and L3 carbohydrate epitopes in mouse brain Evidence for separate control of lipid- and protein-bound epitopes. <i>FEBS Letters</i> , 1989, 247, 36-40.	2.8	6
61	The expression of neural cell sialoglycoproteins following glucocorticoid regulation of sialyltransferase activity in vivo. <i>Cellular and Molecular Neurobiology</i> , 1996, 16, 433-438.	3.3	6
62	Overexpression of alpha2,3 sialyltransferase in neuroblastoma cells results in an upset in the glycosylation process. , 1999, 16, 649-657.		6
63	Nicotine modifies in vivo and in vitro rat hippocampal amyloid precursor protein processing in young but not old rats. <i>Neuroscience Letters</i> , 2012, 514, 22-26.	2.1	5
64	The control of sialyltransferase activity in tumor-cell lines derived from different tissues is multifactorial. <i>FEBS Letters</i> , 1995, 369, 260-262.	2.8	4
65	Physical activity for adolescents with severe mental illness: a systematic scoping review. <i>International Review of Sport and Exercise Psychology</i> , 2023, 16, 176-209.	5.7	4
66	Soluble rat brain sialidase does not influence intracellular glycosylation of Golgi sialyltransferase or its constitutive glycoproteins. <i>Neuroscience Letters</i> , 1988, 88, 308-312.	2.1	3
67	The biochemical consequences of β 2,6(N) sialyltransferase induction by dexamethasone on sialoglycoprotein expression in the rat H411e hepatoma cell line. <i>FEBS Letters</i> , 1997, 413, 389-393.	2.8	3
68	Adolescent inpatient completers of dialectical behaviour therapy. <i>Journal of Forensic Practice</i> , 2019, 22, 29-39.	0.5	2
69	Heparin induction of the β -amyloid precursor protein (A β PP) in a neural cell line is regulated by cell confluency state. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 1995, 2, 17-21.	3.0	1
70	Evidence for a correlation between ambient cholesterol levels and soluble plasma sialyltransferase enzyme activity. <i>Glycoconjugate Journal</i> , 1996, 13, 525-528.	2.7	1
71	Neural cell adhesion molecule expression in the developing chick otic vesicle. <i>Biochemical Society Transactions</i> , 1997, 25, 10S-10S.	3.4	1
72	Modest cholinergic deafferentation fails to alter hippocampal G-proteins. <i>Neurochemistry International</i> , 1999, 35, 59-64.	3.8	1

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73	The impact of inequality on mental illness: thematic analysis on clinical notes. Journal of Forensic Practice, 2021, ahead-of-print, .	0.5	1
74	Inequalities in women's medium or low secure mental health settings: a scoping review. Journal of Forensic Practice, 2021, 23, 254-271.	0.5	1
75	A new era in psychiatry: the impacts of COVID-19 and the shift to telepsychiatry on clinical practice and clinician well-being. Journal of Enabling Technologies, 2022, ahead-of-print, .	1.2	1
76	Serum Expression of Sialyltransferase in Normal and Down's Syndrome-Affected Pregnancy. Annals of Clinical Biochemistry, 2000, 37, 507-511.	1.6	0
77	Retinoic acid induction of sialyltransferase activity in neuroblastoma cells of differing sialylation potentials. , 2000, 17, 781-786.		0
78	Parkinson's UK: Pushing the Search for a Cure to New Levels. Stem Cells Translational Medicine, 2012, 1, 81-82.	3.3	0
79	Parkinson's U.K.: Pushing the search for a cure to new levels. Stem Cells, 2012, 30, 587-588.	3.2	0