

# William A Banks

## List of Publications by Year in descending order

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Version: 2024-02-01

552  
papers

44,022  
citations

1614

105  
h-index

3579

181  
g-index

569  
all docs

569  
docs citations

569  
times ranked

39063  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of systemic immunosuppression by IDH mutant glioma small extracellular vesicles. <i>Neuro-Oncology</i> , 2022, 24, 197-209.	1.2	21
2	Decoding perineuronal net glycan sulfation patterns in the Alzheimer's disease brain. <i>Alzheimer's and Dementia</i> , 2022, 18, 942-954.	0.8	26
3	Viable human brain microvessels for the study of aging and neurodegenerative diseases. <i>Microvascular Research</i> , 2022, 140, 104282.	2.5	0
4	The next chapter for COVID-19: A respiratory virus inflames the brain. <i>Brain, Behavior, and Immunity</i> , 2022, 101, 286-287.	4.1	3
5	Brain uptake and distribution patterns of 2-hydroxypropyl- $\beta$ -cyclodextrin after intrathecal and intranasal administration. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 1152-1159.	2.4	1
6	Prolonged culturing of iPSC-derived brain endothelial-like cells is associated with quiescence, downregulation of glycolysis, and resistance to disruption by an Alzheimer's brain milieu. <i>Fluids and Barriers of the CNS</i> , 2022, 19, 10.	5.0	12
7	Amyloid Beta Pathology Exacerbates Weight Loss and Brain Cytokine Responses following Low-Dose Lipopolysaccharide in Aged Female Tg2576 Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2377.	4.1	6
8	Insulin blood-brain barrier transport and interactions are greater following exercise in mice. <i>Journal of Applied Physiology</i> , 2022, 132, 824-834.	2.5	8
9	Transcellular routes of blood-brain barrier disruption. <i>Experimental Biology and Medicine</i> , 2022, 247, 788-796.	2.4	7
10	Abba J. Kastin – Obituary. <i>Peptides</i> , 2022, , 170804.	2.4	0
11	Measurement of Blood-Brain Barrier Disruption in Mice Following Ozone Exposure Using Highly Sensitive Radiotracer Assays. <i>Current Protocols</i> , 2022, 2, .	2.9	1
12	Insulin Resistance in Peripheral Tissues and the Brain: A Tale of Two Sites. <i>Biomedicines</i> , 2022, 10, 1582.	3.2	18
13	The neurovascular extracellular matrix in health and disease. <i>Experimental Biology and Medicine</i> , 2021, 246, 835-844.	2.4	11
14	The S1 protein of SARS-CoV-2 crosses the blood-brain barrier in mice. <i>Nature Neuroscience</i> , 2021, 24, 368-378.	14.8	295
15	Traumatic Brain Injury Broadly Affects GABAergic Signaling in Dentate Gyrus Granule Cells. <i>ENeuro</i> , 2021, 8, ENEURO.0055-20.2021.	1.9	13
16	Healthy aging and the blood-brain barrier. <i>Nature Aging</i> , 2021, 1, 243-254.	11.6	116
17	Interactions of SARS-CoV-2 with the Blood-Brain Barrier. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2681.	4.1	99
18	Transport of the Chemokines CCL5 and CCL2 Across the Mouse Blood-Brain Barrier under Physiological and Inflammatory Conditions. <i>FASEB Journal</i> , 2021, 35, .	0.5	0

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19	Deficient Leptin Cellular Signaling Plays a Key Role in Brain Ultrastructural Remodeling in Obesity and Type 2 Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5427.	4.1	23
20	Development of Novel Therapeutics Targeting the Blood–Brain Barrier: From Barrier to Carrier. <i>Advanced Science</i> , 2021, 8, e2101090.	11.2	75
21	Pitavastatin Ameliorates Lipopolysaccharide-Induced Blood-Brain Barrier Dysfunction. <i>Biomedicines</i> , 2021, 9, 837.	3.2	6
22	Editorial: Application for Nanotechnology for the Treatment of Brain Diseases and Disorders. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 743160.	4.1	0
23	Adropin correlates with aging-related neuropathology in humans and improves cognitive function in aging mice. <i>Npj Aging and Mechanisms of Disease</i> , 2021, 7, 23.	4.5	18
24	Effects of Rapamycin on Insulin Brain Endothelial Cell Binding and Blood–Brain Barrier Transport. <i>Medical Sciences (Basel, Switzerland)</i> , 2021, 9, 56.	2.9	3
25	Effects of apolipoprotein E isoform, sex, and diet on insulin BBB pharmacokinetics in mice. <i>Scientific Reports</i> , 2021, 11, 18636.	3.3	8
26	Leptin and the Blood–Brain Barrier: Curiosities and Controversies. , 2021, 11, 2351-2369.		8
27	Interactions of Lipids, Lipoproteins, and Apolipoproteins with the Blood-Brain Barrier. <i>Pharmaceutical Research</i> , 2021, 38, 1469-1475.	3.5	34
28	A historical perspective on the interactions of insulin at the blood–brain barrier. <i>Journal of Neuroendocrinology</i> , 2021, 33, e12929.	2.6	18
29	Changes in Brain Matrix Glycan Sulfation Associate With Reactive Gliosis and Motor Coordination in Mice With Head Trauma. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 745288.	2.0	7
30	The Blood–Brain Barrier, Oxidative Stress, and Insulin Resistance. <i>Antioxidants</i> , 2021, 10, 1695.	5.1	28
31	The Bradykinin B2 Receptor Agonist (NG291) Causes Rapid Onset of Transient Blood–Brain Barrier Disruption Without Evidence of Early Brain Injury. <i>Frontiers in Neuroscience</i> , 2021, 15, 791709.	2.8	9
32	Inter-alpha inhibitor proteins attenuate lipopolysaccharide-induced blood–brain barrier disruption and downregulate circulating interleukin 6 in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1090-1102.	4.3	16
33	Pericytes Suppress Brain Metastasis from Lung Cancer In Vitro. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 113-121.	3.3	16
34	Cerebrospinal fluid lipidomics: effects of an intravenous triglyceride infusion and apoE status. <i>Metabolomics</i> , 2020, 16, 6.	3.0	20
35	The microvascular extracellular matrix in brains with Alzheimer’s disease neuropathologic change (ADNC) and cerebral amyloid angiopathy (CAA). <i>Fluids and Barriers of the CNS</i> , 2020, 17, 60.	5.0	16
36	Chronic elevation of plasma vascular endothelial growth factor-A (VEGF-A) is associated with a history of blast exposure. <i>Journal of the Neurological Sciences</i> , 2020, 417, 117049.	0.6	9

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37	Intranasal Delivery: Effects on the Neuroimmune Axes and Treatment of Neuroinflammation. <i>Pharmaceutics</i> , 2020, 12, 1120.	4.5	7
38	Brain uptake pharmacokinetics of incretin receptor agonists showing promise as Alzheimer's and Parkinson's disease therapeutics. <i>Biochemical Pharmacology</i> , 2020, 180, 114187.	4.4	57
39	Hypothalamic perineuronal net assembly is required for sustained diabetes remission induced by fibroblast growth factor 1 in rats. <i>Nature Metabolism</i> , 2020, 2, 1025-1033.	11.9	28
40	Age and cognitive diagnosis influence cerebrospinal fluid ketone levels after a triglyceride infusion in older adults. <i>Alzheimer's and Dementia</i> , 2020, 16, e037716.	0.8	0
41	Comparison of the rate of dedifferentiation with increasing passages among cell sources for an in vitro model of the blood-brain barrier. <i>Journal of Neural Transmission</i> , 2020, 127, 1117-1124.	2.8	11
42	Nitric oxide synthase mediates cerebellar dysfunction in mice exposed to repetitive blast-induced mild traumatic brain injury. <i>Scientific Reports</i> , 2020, 10, 9420.	3.3	37
43	In vitro modeling of blood-brain barrier and interface functions in neuroimmune communication. <i>Fluids and Barriers of the CNS</i> , 2020, 17, 26.	5.0	56
44	The impact of acute rosiglitazone on insulin pharmacokinetics at the blood-brain barrier. <i>Endocrinology, Diabetes and Metabolism</i> , 2020, 3, e00149.	2.4	6
45	Transport of Extracellular Vesicles across the Blood-Brain Barrier: Brain Pharmacokinetics and Effects of Inflammation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4407.	4.1	236
46	A Spectrum of Topics for 2019: Advances in Neuroinflammation, Oxidative Stress, Obesity, Diabetes Mellitus, Cardiovascular Disease, Autism, Exosomes, and Central Nervous System Diseases. <i>Current Pharmaceutical Design</i> , 2020, 26, 1-5.	1.9	22
47	Alterations in Plasma microRNA and Protein Levels in War Veterans with Chronic Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 1418-1430.	3.4	30
48	ApoE and cerebral insulin: Trafficking, receptors, and resistance. <i>Neurobiology of Disease</i> , 2020, 137, 104755.	4.4	32
49	Insulin BBB pharmacokinetics in young apoE male and female transgenic mice. <i>PLoS ONE</i> , 2020, 15, e0228455.	2.5	10
50	Pituitary adenylate cyclase-activating polypeptide: Protective effects in stroke and dementia. <i>Peptides</i> , 2020, 130, 170332.	2.4	7
51	The Blood-Brain Barrier Interface in Diabetes Mellitus: Dysfunctions, Mechanisms and Approaches to Treatment. <i>Current Pharmaceutical Design</i> , 2020, 26, 1438-1447.	1.9	34
52	1771-P: Hypothalamic Perineuronal Net Assembly Is Required for Sustained Diabetes Remission Induced by FGF1. <i>Diabetes</i> , 2020, 69, .	0.6	0
53	Leucine competes with kynurenine for blood-to-brain transport and prevents lipopolysaccharide-induced depression-like behavior in mice. <i>Molecular Psychiatry</i> , 2019, 24, 1523-1532.	7.9	118
54	Quantitative analysis of chondroitin sulfate disaccharides from human and rodent fixed brain tissue by electrospray ionization-tandem mass spectrometry. <i>Glycobiology</i> , 2019, 29, 847-860.	2.5	20

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55	Resistance to the sympathoexcitatory effects of insulin and leptin in late pregnant rats. <i>Journal of Physiology</i> , 2019, 597, 4087-4100.	2.9	17
56	The extracellular matrix of the blood–brain barrier: structural and functional roles in health, aging, and Alzheimer’s disease. <i>Tissue Barriers</i> , 2019, 7, 1651157.	3.2	85
57	Molecular Mechanisms of Intranasal Insulin in SAMP8 Mice. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 1361-1373.	2.6	12
58	Paclitaxel Reduces Brain Injury from Repeated Head Trauma in Mice. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 859-874.	2.6	19
59	The blood–brain barrier as an endocrine tissue. <i>Nature Reviews Endocrinology</i> , 2019, 15, 444-455.	9.6	100
60	Role of the Blood-Brain Barrier in Central Nervous System Insulin Resistance. <i>Frontiers in Neuroscience</i> , 2019, 13, 521.	2.8	159
61	Age-Associated Changes in the Immune System and Blood–Brain Barrier Functions. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1632.	4.1	107
62	Small molecules as central nervous system therapeutics: old challenges, new directions, and a philosophic divide. <i>Future Medicinal Chemistry</i> , 2019, 11, 489-493.	2.3	29
63	Modest Blood-Brain Barrier Permeability of the Cyclodextrin Kleptose: Modification by Efflux and Luminal Surface Binding. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 371, 121-129.	2.5	7
64	Increased Hyaluronan and TSG-6 in Association with Neuropathologic Changes of Alzheimer’s Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 91-102.	2.6	33
65	Disruption of the hippocampal and hypothalamic blood–brain barrier in a diet-induced obese model of type II diabetes: prevention and treatment by the mitochondrial carbonic anhydrase inhibitor, topiramate. <i>Fluids and Barriers of the CNS</i> , 2019, 16, 1.	5.0	106
66	Routes for the delivery of insulin to the central nervous system: A comparative review. <i>Experimental Neurology</i> , 2019, 313, 10-15.	4.1	29
67	1958-P: Role of Leptin in Blood-Brain Barrier Dysfunction. <i>Diabetes</i> , 2019, 68, .	0.6	0
68	1795-P: Novel Techniques for the Analysis of Brain Chondroitin Sulfates in Rodents and Humans with Type 2 Diabetes. <i>Diabetes</i> , 2019, 68, 1795-P.	0.6	1
69	Ionophore and Biometal Modulation of P-glycoprotein Expression and Function in Human Brain Microvascular Endothelial Cells. <i>Pharmaceutical Research</i> , 2018, 35, 83.	3.5	16
70	Neuroimmune Axes of the Blood–Brain Barriers and Blood–Brain Interfaces: Bases for Physiological Regulation, Disease States, and Pharmacological Interventions. <i>Pharmacological Reviews</i> , 2018, 70, 278-314.	16.0	242
71	Identifying and categorizing spurious weight data in electronic medical records. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 420-426.	4.7	15
72	Cognitive benefits of lithium chloride in APP/PS1 mice are associated with enhanced brain clearance of $\beta$ -amyloid. <i>Brain, Behavior, and Immunity</i> , 2018, 70, 36-47.	4.1	34

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73	Triglycerides cross the blood-brain barrier and induce central leptin and insulin receptor resistance. <i>International Journal of Obesity</i> , 2018, 42, 391-397.	3.4	120
74	Gut reactions: How the blood-brain barrier connects the microbiome and the brain. <i>Experimental Biology and Medicine</i> , 2018, 243, 159-165.	2.4	161
75	Nanoformulation of Brain-Derived Neurotrophic Factor with Target Receptor-Triggered Release in the Central Nervous System. <i>Advanced Functional Materials</i> , 2018, 28, 1703982.	14.9	54
76	Neurovascular unit crosstalk: Pericytes and astrocytes modify cytokine secretion patterns of brain endothelial cells. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1104-1118.	4.3	74
77	Effect of controlled cortical impact on the passage of pituitary adenylate cyclase activating polypeptide (PACAP) across the blood-brain barrier. <i>Peptides</i> , 2018, 99, 8-13.	2.4	6
78	F40104: APOE GENOTYPE INFLUENCES BRAIN TO BLOOD GLUCOSE RATIOS AFTER HIGH FAT FEEDING. <i>Alzheimer's and Dementia</i> , 2018, 14, P1383.	0.8	0
79	Ghrelin transport across the blood-brain barrier can occur independently of the growth hormone secretagogue receptor. <i>Molecular Metabolism</i> , 2018, 18, 88-96.	6.5	59
80	Genetics and sex influence peripheral and central innate immune responses and blood-brain barrier integrity. <i>PLoS ONE</i> , 2018, 13, e0205769.	2.5	34
81	Commentary on the 2018 Named Series on blood-brain interfaces: Roles of neuroimmunomodulation in health and disease. <i>Brain, Behavior, and Immunity</i> , 2018, 74, 3-6.	4.1	1
82	The Effects of Normal Aging on Regional Accumulation of Hyaluronan and Chondroitin Sulfate Proteoglycans in the Mouse Brain. <i>Journal of Histochemistry and Cytochemistry</i> , 2018, 66, 697-707.	2.5	27
83	Insulin transport across the blood-brain barrier can occur independently of the insulin receptor. <i>Journal of Physiology</i> , 2018, 596, 4753-4765.	2.9	94
84	Blast exposure elicits blood-brain barrier disruption and repair mediated by tight junction integrity and nitric oxide dependent processes. <i>Scientific Reports</i> , 2018, 8, 11344.	3.3	67
85	Telmisartan prevents diet-induced obesity and preserves leptin transport across the blood-brain barrier in high-fat diet-fed mice. <i>Pflügers Archiv European Journal of Physiology</i> , 2018, 470, 1673-1689.	2.8	21
86	Foreword: The Year in Review: Comments on Plants, Cyclodextrins, Microbiota, and Diabetes. <i>Current Pharmaceutical Design</i> , 2018, 24, 1-3.	1.9	39
87	New horizons for future research - Critical issues to consider for maximizing research excellence and impact. <i>Molecular Metabolism</i> , 2018, 14, 53-59.	6.5	3
88	The Transport Mechanism of Extracellular Vesicles at the Blood-Brain Barrier. <i>Current Pharmaceutical Design</i> , 2018, 23, 6206-6214.	1.9	177
89	Microvasculature of the Mouse Cerebral Cortex Exhibits Increased Accumulation and Synthesis of Hyaluronan With Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw213.	3.6	15
90	Modulators of IgG penetration through the blood-brain barrier: Implications for Alzheimer's disease immunotherapy. <i>Human Antibodies</i> , 2017, 25, 131-146.	1.5	14

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91	The Blood-Brain Barriers. , 2017, , 5-24.		2
92	Neutralizing anti-interleukin-1 $\beta$ antibodies reduce ischemia-related interleukin-1 $\beta$ transport across the blood-brain barrier in fetal sheep. Neuroscience, 2017, 346, 113-125.	2.3	16
93	Blood-Brain Barriers in Obesity. AAPS Journal, 2017, 19, 921-930.	4.4	95
94	Multiple lipopolysaccharide (LPS) injections alter interleukin 6 (IL-6), IL-7, IL-10 and IL-6 and IL-7 receptor mRNA in CNS and spleen. Neuroscience, 2017, 355, 9-21.	2.3	34
95	A Basic ApoE-Based Peptide Mediator to Deliver Proteins across the Blood-Brain Barrier: Long-Term Efficacy, Toxicity, and Mechanism. Molecular Therapy, 2017, 25, 1531-1543.	8.2	24
96	Development of rhenacarborane complexes as central nervous system (CNS) drug delivery agents. Inorganica Chimica Acta, 2017, 466, 139-144.	2.4	8
97	Antibody blood-brain barrier efflux is modulated by glycan modification. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 2228-2239.	2.4	17
98	Serum amyloid A: an ozone-induced circulating factor with potentially important functions in the lung-brain axis. FASEB Journal, 2017, 31, 3950-3965.	0.5	35
99	Intranasal delivery of N-terminal modified leptin-pluronic conjugate for treatment of obesity. Journal of Controlled Release, 2017, 263, 172-184.	9.9	28
100	The SAMP8 mouse for investigating memory and the role of insulin in the brain. Experimental Gerontology, 2017, 94, 64-68.	2.8	15
101	Macrophage exosomes as natural nanocarriers for protein delivery to inflamed brain. Biomaterials, 2017, 142, 1-12.	11.4	411
102	NIH workshop report on the trans-agency blood-brain interface workshop 2016: exploring key challenges and opportunities associated with the blood, brain and their interface. Fluids and Barriers of the CNS, 2017, 14, 12.	5.0	16
103	Methods Employed to Assess Weight Loss in Older Adults by Means of Electronic Medical Records: A Systematic Review. Journal of Nutrition in Gerontology and Geriatrics, 2017, 36, 18-30.	1.0	2
104	Role of OATP transporters in steroid uptake by prostate cancer cells in vivo. Prostate Cancer and Prostatic Diseases, 2017, 20, 20-27.	3.9	25
105	Intranasal Insulin Transport is Preserved in Aged SAMP8 Mice and is Altered by Albumin and Insulin Receptor Inhibition. Journal of Alzheimer's Disease, 2017, 57, 241-252.	2.6	17
106	Tauopathies - Focus on Changes at the Neurovascular Unit. Current Alzheimer Research, 2017, 14, 790-801.	1.4	30
107	Passage through the Ocular Barriers and Beneficial Effects in Retinal Ischemia of Topical Application of PACAP1-38 in Rodents. International Journal of Molecular Sciences, 2017, 18, 675.	4.1	29
108	Transmission of $\alpha$ -synuclein-containing erythrocyte-derived extracellular vesicles across the blood-brain barrier via adsorptive mediated transcytosis: another mechanism for initiation and progression of Parkinson's disease?. Acta Neuropathologica Communications, 2017, 5, 71.	5.2	188



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109	Foreword: Globalization of the Scientific Literature: CPD as a Case Study. <i>Current Pharmaceutical Design</i> , 2017, 23, 1-2.	1.9	29
110	Differentiating the Influences of Aging and Adiposity on Brain Weights, Levels of Serum and Brain Cytokines, Gastrointestinal Hormones, and Amyloid Precursor Protein. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 21-29.	3.6	4
111	Quantifying altitude of human habitation in studies of human health using geographical name server data. <i>Geospatial Health</i> , 2016, 11, 463.	0.8	0
112	Ocular Delivery of PACAP1-27 Protects the Retina From Ischemic Damage in Rodents. , 2016, 57, 6683.		27
113	Apolipoprotein E Genotype and Sex Influence Glucose Tolerance in Older Adults: A Cross-Sectional Study. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2016, 6, 78-89.	1.3	13
114	Pituitary adenylate cyclase-activating polypeptide enhances saliva secretion via direct binding to PACAP receptors of major salivary glands in mice. <i>Anatomical Record</i> , 2016, 299, 1293-1299.	1.4	7
115	Blood-Brain Barrier Disruption and Neurovascular Unit Dysfunction in Diabetic Mice: Protection with the Mitochondrial Carbonic Anhydrase Inhibitor Topiramate. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 359, 452-459.	2.5	76
116	CNS tau efflux via exosomes is likely increased in Parkinson's disease but not in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2016, 12, 1125-1131.	0.8	154
117	Pharmacologic manipulation of lysosomal enzyme transport across the blood-brain barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 476-486.	4.3	12
118	Insulin resistance, dyslipidemia, and apolipoprotein E interactions as mechanisms in cognitive impairment and Alzheimer's disease. <i>Experimental Biology and Medicine</i> , 2016, 241, 1676-1683.	2.4	34
119	Tau Proteins Cross the Blood-Brain Barrier. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 411-419.	2.6	50
120	Nano-particle delivery of brain derived neurotrophic factor after focal cerebral ischemia reduces tissue injury and enhances behavioral recovery. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 150-151, 48-56.	2.9	71
121	Computational and In Vitro Studies of Blast-Induced Blood-Brain Barrier Disruption. <i>SIAM Journal of Scientific Computing</i> , 2016, 38, B347-B374.	2.8	8
122	Andrographolide attenuates LPS-stimulated up-regulation of C-C and C-X-C motif chemokines in rodent cortex and primary astrocytes. <i>Journal of Neuroinflammation</i> , 2016, 13, 34.	7.2	24
123	Blast exposure causes dynamic microglial/macrophage responses and microdomains of brain microvessel dysfunction. <i>Neuroscience</i> , 2016, 319, 206-220.	2.3	66
124	From blood-brain barrier to blood-brain interface: new opportunities for CNS drug delivery. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 275-292.	46.4	778
125	Prolactin transport into mouse brain is independent of prolactin receptor. <i>FASEB Journal</i> , 2016, 30, 1002-1010.	0.5	63
126	Assessing blood granulocyte colony-stimulating factor as a potential biomarker of acute traumatic brain injury in mice and humans. <i>Brain, Behavior, and Immunity</i> , 2016, 52, 81-87.	4.1	12



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127	Transport of Pituitary Adenylate Cyclase Activating Polypeptide Across the Blood–Brain Barrier: Consequences for Disease States and Therapeutic Effects. <i>Current Topics in Neurotoxicity</i> , 2016, , 423-432.	0.4	3
128	Central Nervous System Delivery of Intranasal Insulin: Mechanisms of Uptake and Effects on Cognition. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 715-728.	2.6	100
129	Antisense against Amyloid- $\beta$ Protein Precursor Reverses Memory Deficits and Alters Gene Expression in Neurotropic and Insulin-Signaling Pathways in SAMP8 Mice. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 535-548.	2.6	15
130	Lipopolysaccharide-induced blood-brain barrier disruption: roles of cyclooxygenase, oxidative stress, neuroinflammation, and elements of the neurovascular unit. <i>Journal of Neuroinflammation</i> , 2015, 12, 223.	7.2	405
131	Alpha Adrenergic Induction of Transport of Lysosomal Enzyme across the Blood-Brain Barrier. <i>PLoS ONE</i> , 2015, 10, e0142347.	2.5	6
132	Anti- $\alpha$ 6 neutralizing antibody modulates blood–brain barrier function in the ovine fetus. <i>FASEB Journal</i> , 2015, 29, 1739-1753.	0.5	66
133	Sleep fragmentation and sepsis differentially impact blood–brain barrier integrity and transport of tumor necrosis factor- $\alpha$ in aging. <i>Brain, Behavior, and Immunity</i> , 2015, 50, 259-265.	4.1	26
134	Interleukin- $1\beta$ Transfer across the Blood–Brain Barrier in the Ovine Fetus. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1388-1395.	4.3	40
135	Peptides and the blood–brain barrier. <i>Peptides</i> , 2015, 72, 16-19.	2.4	157
136	Intranasal Delivery of Proteins and Peptides in the Treatment of Neurodegenerative Diseases. <i>AAPS Journal</i> , 2015, 17, 780-787.	4.4	151
137	Association Between Alzheimer Dementia Mortality Rate and Altitude in California Counties. <i>JAMA Psychiatry</i> , 2015, 72, 1253.	11.0	14
138	A Vagina Monologue: Mom's Stress, Bugs, and Baby's Brain. <i>Endocrinology</i> , 2015, 156, 3066-3068.	2.8	5
139	Role of the immune system in HIV-associated neuroinflammation and neurocognitive implications. <i>Brain, Behavior, and Immunity</i> , 2015, 45, 1-12.	4.1	297
140	The blood-brain barrier in neuroimmunology: Tales of separation and assimilation. <i>Brain, Behavior, and Immunity</i> , 2015, 44, 1-8.	4.1	201
141	Neutralizing anti-interleukin- $1\beta$ antibodies modulate fetal blood–brain barrier function after ischemia. <i>Neurobiology of Disease</i> , 2015, 73, 118-129.	4.4	40
142	Topiramate Protects Pericytes from Glucotoxicity: Role for Mitochondrial CA VA in Cerebrovascular Disease in Diabetes. <i>Journal of Endocrinology and Diabetes</i> , 2015, 2, .	0.3	15
143	The APOE Genotype: Modification of Therapeutic Responses in Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2014, 21, 114-120.	1.9	34
144	Molecular Hydrogen in Drinking Water Protects against Neurodegenerative Changes Induced by Traumatic Brain Injury. <i>PLoS ONE</i> , 2014, 9, e108034.	2.5	47

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145	Foreword:. Current Pharmaceutical Design, 2014, 21, 1-2.	1.9	1
146	Foreword. Current Pharmaceutical Design, 2014, 20, 1-1.	1.9	37
147	Central and Peripheral Administration of Antisense Oligonucleotide Targeting Amyloid- $\beta$ Protein Precursor Improves Learning and Memory and Reduces Neuroinflammatory Cytokines in Tg2576 (A $\beta$ PPswe) Mice. Journal of Alzheimer's Disease, 2014, 40, 1005-1016.	2.6	58
148	Rapid Transport of CCL11 across the Blood-Brain Barrier: Regional Variation and Importance of Blood Cells. Journal of Pharmacology and Experimental Therapeutics, 2014, 349, 497-507.	2.5	75
149	Delivery of Therapeutic Peptides and Proteins to the CNS. Advances in Pharmacology, 2014, 71, 277-299.	2.0	34
150	Intranasal Administration as a Route for Drug Delivery to the Brain: Evidence for a Unique Pathway for Albumin. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 54-60.	2.5	65
151	Alpha synuclein is transported into and out of the brain by the blood-brain barrier. Peptides, 2014, 62, 197-202.	2.4	138
152	Plasma exosomal $\beta$ -synuclein is likely CNS-derived and increased in Parkinson's disease. Acta Neuropathologica, 2014, 128, 639-650.	7.7	504
153	SAMP8 mice have altered hippocampal gene expression in long term potentiation, phosphatidylinositol signaling, and endocytosis pathways. Neurobiology of Aging, 2014, 35, 159-168.	3.1	22
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