David Brea

List of Publications by Year in descending order

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43 papers	3,465 citations	201575 27 h-index	182361 51 g-index
52 all docs	52 docs citations	52 times ranked	5446 citing authors

#	Article	IF	Citations
1	Commensal microbiota affects ischemic stroke outcome by regulating intestinal Î³Î´ T cells. Nature Medicine, 2016, 22, 516-523.	15.2	770
2	Dietary salt promotes neurovascular and cognitive dysfunction through a gut-initiated TH17 response. Nature Neuroscience, 2018, 21, 240-249.	7.1	242
3	Subclinical keratoconus and inflammatory molecules from tears. British Journal of Ophthalmology, 2009, 93, 820-824.	2.1	241
4	The Increase of Circulating Endothelial Progenitor Cells After Acute Ischemic Stroke Is Associated With Good Outcome. Stroke, 2007, 38, 2759-2764.	1.0	206
5	Serum Cellular Fibronectin and Matrix Metalloproteinase-9 as Screening Biomarkers for the Prediction of Parenchymal Hematoma After Thrombolytic Therapy in Acute Ischemic Stroke. Stroke, 2007, 38, 1855-1859.	1.0	166
6	Toll-like receptors 2 and 4 in ischemic stroke: Outcome and therapeutic values. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1424-1431.	2.4	151
7	Neuroprotection by glutamate oxaloacetate transaminase in ischemic stroke: An experimental study. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1378-1386.	2.4	135
8	Inflammatory and Neuroimmunomodulatory Changes in Acute Cerebral Ischemia. Cerebrovascular Diseases, 2009, 27, 48-64.	0.8	108
9	Endothelial progenitor cells. Neurology, 2012, 79, 474-479.	1.5	94
10	Spatio-temporal profile, phenotypic diversity, and fate of recruited monocytes into the post-ischemic brain. Journal of Neuroinflammation, 2016, 13, 285.	3.1	83
11	Proteomic analysis of the tear film in patients with keratoconus. Molecular Vision, 2010, 16, 2055-61.	1.1	83
12	Inflammation as Therapeutic Objective in Stroke. Current Pharmaceutical Design, 2008, 14, 3549-3564.	0.9	78
13	In Vivo Theranostics at the Peri-Infarct Region in Cerebral Ischemia. Theranostics, 2014, 4, 90-105.	4.6	74
14	Toll-like receptors 7 and 8 expression is associated with poor outcome and greater inflammatory response in acute ischemic stroke. Clinical Immunology, 2011, 139, 193-198.	1.4	66
15	Regulatory T cells modulate inflammation and reduce infarct volume in experimental brain ischaemia. Journal of Cellular and Molecular Medicine, 2014, 18, 1571-1579.	1.6	64
16	Distinct Commensal Bacterial Signature in the Gut Is Associated With Acute and Long-Term Protection From Ischemic Stroke. Stroke, 2020, 51, 1844-1854.	1.0	60
17	Usefulness of haptoglobin and serum amyloid A proteins as biomarkers for atherothrombotic ischemic stroke diagnosis confirmation. Atherosclerosis, 2009, 205, 561-567.	0.4	59
18	Microbiota differences between commercial breeders impacts the post-stroke immune response. Brain, Behavior, and Immunity, 2017, 66, 23-30.	2.0	58

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19	Endogenous Protection from Ischemic Brain Injury by Preconditioned Monocytes. Journal of Neuroscience, 2018, 38, 6722-6736.	1.7	57
20	Temporal profile and clinical significance of serum neuron-specific enolase and S100 in ischemic and hemorrhagic stroke. Clinical Chemistry and Laboratory Medicine, 2009, 47, 1513-8.	1.4	56
21	Increased expression of Toll-like receptors 2 and 4 is associated with poor outcome in intracerebral hemorrhage. Journal of Neuroimmunology, 2012, 247, 75-80.	1.1	54
22	High Serum Levels of Growth Factors Are Associated with Good Outcome in Intracerebral Hemorrhage. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1968-1974.	2.4	45
23	Glutamate Excitoxicity Is the Key Molecular Mechanism Which Is Influenced by Body Temperature during the Acute Phase of Brain Stroke. PLoS ONE, 2012, 7, e44191.	1.1	44
24	Early Biomarkers of Clinicalâ€“Diffusion Mismatch in Acute Ischemic Stroke. Stroke, 2011, 42, 2813-2818.	1.0	40
25	Temporal profile of molecular signatures associated with circulating endothelial progenitor cells in human ischemic stroke. Journal of Neuroscience Research, 2012, 90, 1788-1793.	1.3	40
26	Effects of sevoflurane postconditioning on cell death, inflammation and TLR expression in human endothelial cells exposed to LPS. Journal of Translational Medicine, 2013, 11, 87.	1.8	36
27	Stroke affects intestinal immune cell trafficking to the central nervous system. Brain, Behavior, and Immunity, 2021, 96, 295-302.	2.0	34
28	Cd34⁺progenitor cells likely are involved in the good functional recovery after intracerebral hemorrhage in humans. Journal of Neuroscience Research, 2011, 89, 979-985.	1.3	29
29	High Serum Levels of Pro-Brain Natriuretic Peptide (pro BNP) Identify Cardioembolic Origin in Undetermined Stroke. Disease Markers, 2009, 26, 189-195.	0.6	26
30	Association between neuroserpin and molecular markers of brain damage in patients with acute ischemic stroke. Journal of Translational Medicine, 2011, 9, 58.	1.8	25
31	The natural tissue plasminogen activator inhibitor neuroserpin and acute ischaemic stroke outcome. Thrombosis and Haemostasis, 2011, 105, 421-429.	1.8	22
32	Oxidative stress markers are associated to vascular recurrence in non-cardioembolic stroke patients non-treated with statins. BMC Neurology, 2012, 12, 65.	0.8	22
33	Proteomic analysis shows differential protein expression in endothelial progenitor cells between healthy subjects and ischemic stroke patients. Neurological Research, 2011, 33, 1057-1063.	0.6	21
34	CDP-choline treatment increases circulating endothelial progenitor cells in acute ischemic stroke. Neurological Research, 2011, 33, 572-577.	0.6	20
35	Association of growth factors with arterial recanalization and clinical outcome in patients with ischemic stroke treated with tPA. Journal of Thrombosis and Haemostasis, 2010, 8, 1567-1574.	1.9	19
36	Interleukin-10 facilitates the selection of patients for systemic thrombolysis. BMC Neurology, 2013, 13, 62.	0.8	18

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37	The effect of simvastatin on the proteome of detergentâ€resistant membrane domains: Decreases of specific proteins previously related to cytoskeleton regulation, calcium homeostasis and cell fate. Proteomics, 2010, 10, 1954-1965.	1.3	17
38	Study of Protein Expresion in Peri-Infarct Tissue after Cerebral Ischemia. Scientific Reports, 2015, 5, 12030.	1.6	15
39	High serum levels of pro-brain natriuretic peptide (pro BNP) identify cardioembolic origin in undetermined stroke. Disease Markers, 2009, 26, 189-95.	0.6	13
40	Quick adjustment of imaging tracer payload, for in vivo applications of theranostic nanostructures in the brain. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 851-858.	1.7	11
41	Inflammation in the gut is encoded by neurons in the brain. Nature, 2022, 602, 217-218.	13.7	11
42	Ablation of nasal-associated lymphoid tissue does not affect focal ischemic brain injury in mice. PLoS ONE, 2018, 13, e0205470.	1.1	5
43	Usefulness of Material Recovered from Distal Embolic Protection Devices after Carotid Angioplasty for Proteomic Studies. Journal of Vascular and Interventional Radiology, 2012, 23, 818-824.	0.2	2