Junlei Chang

List of Publications by Year
in descending order

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Version: 2024-02-01

34	4,064	279487	360668
papers	citations	23 h-index	35 g-index

35	35	35	7108
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of Pathogenic Mutations in Primary Microcephaly- (MCPH-) Related Three Genes CENPJ, CASK, and MCPH1 in Consanguineous Pakistani Families. BioMed Research International, 2022, 2022, 1-8.	0.9	2
2	Lithium attenuates bloodâ€“brain barrier damage and brain edema following intracerebral hemorrhage via an endothelial Wnt/Î²â€catenin signalingâ€dependent mechanism in mice. CNS Neuroscience and Therapeutics, 2022, 28, 862-872.	1.9	14
3	Discovery of Cobimetinib as a novel A-FABP inhibitor using machine learning and molecular docking-based virtual screening. RSC Advances, 2022, 12, 13500-13510.	1.7	8
4	Endothelial Î²-Catenin Deficiency Causes Blood-Brain Barrier Breakdown via Enhancing the Paracellular and Transcellular Permeability. Frontiers in Molecular Neuroscience, 2022, 15, .	1.4	13
5	Variants of WNT7A and GPR124 are associated with hemorrhagic transformation following intravenous thrombolysis in ischemic stroke. CNS Neuroscience and Therapeutics, 2021, 27, 71-81.	1.9	12
6	Lithium alleviates blood-brain barrier breakdown after cerebral ischemia and reperfusion by upregulating endothelial Wnt/Î²-catenin signaling in mice. Neuropharmacology, 2021, 186, 108474.	2.0	42
7	Normalization of nonâ€canonical Wnt signalings does not compromise bloodâ€brain barrier protection conferred by upregulating endothelial Wnt/Î²â€catenin signaling following ischemic stroke. CNS Neuroscience and Therapeutics, 2021, 27, 1085-1096.	1.9	7
8	Updates on Clinical and Genetic Heterogeneity of ASPM in 12 Autosomal Recessive Primary Microcephaly Families in Pakistani Population. Frontiers in Pediatrics, 2021, 9, 695133.	0.9	5
9	The tissue origin of human mesenchymal stem cells dictates their therapeutic efficacy on glucose and lipid metabolic disorders in type II diabetic mice. Stem Cell Research and Therapy, 2021, 12, 385.	2.4	13
10	Bloodâ€“Brain Barrier Breakdown: An Emerging Biomarker of Cognitive Impairment in Normal Aging and Dementia. Frontiers in Neuroscience, 2021, 15, 688090.	1.4	108
11	RIOK2 Inhibitor NSC139021 Exerts Anti-Tumor Effects on Glioblastoma via Inducing Skp2-Mediated Cell Cycle Arrest and Apoptosis. Biomedicines, 2021, 9, 1244.	1.4	5
12	Peripheral inflammation and bloodâ€“brain barrier disruption: effects and mechanisms. CNS Neuroscience and Therapeutics, 2021, 27, 36-47.	1.9	214
13	GAS6/Axl Signaling Modulates Blood-Brain Barrier Function Following Intravenous Thrombolysis in Acute Ischemic Stroke. Frontiers in Immunology, 2021, 12, 742359.	2.2	10
14	The Role of Immune Cells in Post-Stroke Angiogenesis and Neuronal Remodeling: The Known and the Unknown. Frontiers in Immunology, 2021, 12, 784098.	2.2	44
15	Biological Functions and Regulatory Mechanisms of Hypoxia-Inducible Factor-1Î± in Ischemic Stroke. Frontiers in Immunology, 2021, 12, 801985.	2.2	46
16	Association of trimethylamine N-oxide with coronary atherosclerotic burden in patients with non-ST-segment elevation myocardial infarction. Medicine (United States), 2020, 99, e20794.	0.4	5
17	Adipocyte fatty acid-binding protein exacerbates cerebral ischaemia injury by disrupting the bloodâ€“brain barrier. European Heart Journal, 2020, 41, 3169-3180.	1.0	54
18	Atomicâ€Precision Gold Clusters for NIRâ€II Imaging. Advanced Materials, 2019, 31, e1901015.	11.1	279

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19	Changes in cerebral autoregulation and blood biomarkers after remote ischemic preconditioning. Neurology, 2019, 93, e8-e19.	1.5	36
20	A RECK-WNT7 Receptor-Ligand Interaction Enables Isoform-Specific Regulation of Wnt Bioavailability. Cell Reports, 2018, 25, 339-349.e9.	2.9	65
21	Pinocembrin Protects Blood-Brain Barrier Function and Expands the Therapeutic Time Window for Tissue-Type Plasminogen Activator Treatment in a Rat Thromboembolic Stroke Model. BioMed Research International, 2018, 2018, 1-13.	0.9	37
22	Expression of specific inflammasome gene modules stratifies older individuals into two extreme clinical and immunological states. Nature Medicine, 2017, 23, 174-184.	15.2	304
23	Surrogate Wnt agonists that phenocopy canonical Wnt and Î²-catenin signalling. Nature, 2017, 545, 234-237.	13.7	264
24	Non-equivalence of Wnt and R-spondin ligands during Lgr5+ intestinal stem-cell self-renewal. Nature, 2017, 545, 238-242.	13.7	327
25	Gpr124 is essential for bloodâ€“brain barrier integrity in central nervous system disease. Nature Medicine, 2017, 23, 450-460.	15.2	177
26	Relief of hypoxia by angiogenesis promotes neural stem cell differentiation by targeting glycolysis. EMBO Journal, 2016, 35, 924-941.	3.5	161
27	Oligodendrocyte precursors migrate along vasculature in the developing nervous system. Science, 2016, 351, 379-384.	6.0	319
28	Fluorescence Imaging In Vivo at Wavelengths beyond 1500â€...nm. Angewandte Chemie - International Edition, 2015, 54, 14758-14762.	7.2	310
29	Developmental and pathological angiogenesis in the central nervous system. Cellular and Molecular Life Sciences, 2014, 71, 3489-3506.	2.4	93
30	Through-skull fluorescence imaging of the brain in a new near-infrared window. Nature Photonics, 2014, 8, 723-730.	15.6	829
31	Soluble Guanylate Cyclase Î±1Î²1 Limits Stroke Size and Attenuates Neurological Injury. Stroke, 2010, 41, 1815-1819.	1.0	24
32	Adiponectin Prevents Diabetic Premature Senescence of Endothelial Progenitor Cells and Promotes Endothelial Repair by Suppressing the p38 MAP Kinase/p16INK4A Signaling Pathway. Diabetes, 2010, 59, 2949-2959.	0.3	106
33	ApoE 4 reduces the expression of AÎ² degrading enzyme IDE by activating the NMDA receptor in hippocampal neurons. Neuroscience Letters, 2009, 464, 140-145.	1.0	27
34	Endoplasmic Reticulum Mediated Necrosis-like Apoptosis of HeLa Cells Induced by Ca2+ Oscillation. BMB Reports, 2005, 38, 709-716.	1.1	7