

Pike-See Cheah

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56 papers	1,174 citations	19 h-index	33 g-index
68 ext. papers	1,509 ext. citations	5.4 avg, IF	4.16 L-index

#	Paper	IF	Citations
56	Small RNA Sequencing across Diverse Biofluids Identifies Optimal Methods for exRNA Isolation. <i>Cell</i> , 2019 , 177, 446-462.e16	56.2	142
55	Glioblastoma-Associated Microglia Reprogramming Is Mediated by Functional Transfer of Extracellular miR-21. <i>Cell Reports</i> , 2019 , 28, 3105-3119.e7	10.6	89
54	Neurodevelopmental and neuropsychiatric behaviour defects arise from 14-3-3 deficiency. <i>Molecular Psychiatry</i> , 2012 , 17, 451-66	15.1	75
53	Evaluation of wound healing properties of bioactive aqueous fraction from <i>Moringa oleifera</i> Lam on experimentally induced diabetic animal model. <i>Drug Design, Development and Therapy</i> , 2016 , 10, 1715-1730	4.4	64
52	Glioma-Derived miRNA-Containing Extracellular Vesicles Induce Angiogenesis by Reprogramming Brain Endothelial Cells. <i>Cell Reports</i> , 2020 , 30, 2065-2074.e4	10.6	58
51	Expression of Notch-1 receptor and its ligands Jagged-1 and Delta-1 in amoeboid microglia in postnatal rat brain and murine BV-2 cells. <i>Glia</i> , 2008 , 56, 1224-37	9	57
50	DRD and GRIN2B polymorphisms and their association with the development of impulse control behaviour among Malaysian Parkinson's disease patients. <i>BMC Neurology</i> , 2015 , 15, 59	3.1	48
49	Molecular genetics of the developing neuroendocrine hypothalamus. <i>Molecular and Cellular Endocrinology</i> , 2010 , 323, 115-23	4.4	47
48	Deep sequencing analysis of the developing mouse brain reveals a novel microRNA. <i>BMC Genomics</i> , 2011 , 12, 176	4.5	46
47	Functional transcriptome analysis of the postnatal brain of the Ts1Cje mouse model for Down syndrome reveals global disruption of interferon-related molecular networks. <i>BMC Genomics</i> , 2014 , 15, 624	4.5	43
46	Stearoyl CoA Desaturase Is Essential for Regulation of Endoplasmic Reticulum Homeostasis and Tumor Growth in Glioblastoma Cancer Stem Cells. <i>Stem Cell Reports</i> , 2019 , 12, 712-727	8	38
45	Expression of the murine transcription factor SOX3 during embryonic and adult neurogenesis. <i>Gene Expression Patterns</i> , 2013 , 13, 240-8	1.5	31
44	Molecular networks involved in mouse cerebral corticogenesis and spatio-temporal regulation of Sox4 and Sox11 novel antisense transcripts revealed by transcriptome profiling. <i>Genome Biology</i> , 2009 , 10, R104	18.3	31
43	MicroRNAs and intellectual disability (ID) in Down syndrome, X-linked ID, and Fragile X syndrome. <i>Frontiers in Cellular Neuroscience</i> , 2013 , 7, 41	6.1	28
42	Spatiotemporal regulation of multiple overlapping sense and novel natural antisense transcripts at the Nrgn and Camk2n1 gene loci during mouse cerebral corticogenesis. <i>Cerebral Cortex</i> , 2011 , 21, 683-97	5.1	26
41	Histomorphometric profile of the corneal response to short-term reverse-geometry orthokeratology lens wear in primate corneas: a pilot study. <i>Cornea</i> , 2008 , 27, 461-70	3.1	25
40	Methods for Systematic Identification of Membrane Proteins for Specific Capture of Cancer-Derived Extracellular Vesicles. <i>Cell Reports</i> , 2019 , 27, 255-268.e6	10.6	24

39	Potential Role of JAK-STAT Signaling Pathway in the Neurogenic-to-Gliogenic Shift in Down Syndrome Brain. <i>Neural Plasticity</i> , 2016 , 2016, 7434191	3.3	22
38	Mitragynine Attenuates Morphine Withdrawal Effects in Rats-A Comparison With Methadone and Buprenorphine. <i>Frontiers in Psychiatry</i> , 2020 , 11, 411	5	21
37	Congenital hydrocephalus and abnormal subcommissural organ development in Sox3 transgenic mice. <i>PLoS ONE</i> , 2012 , 7, e29041	3.7	19
36	Screening of brain-derived neurotrophic factor (BDNF) single nucleotide polymorphisms and plasma BDNF levels among Malaysian major depressive disorder patients. <i>PLoS ONE</i> , 2019 , 14, e0211241	3.7	17
35	Harvesting the maximum length of sciatic nerve from adult mice: a step-by-step approach. <i>BMC Research Notes</i> , 2014 , 7, 714	2.3	16
34	Plasmon-Enhanced Biosensing for Multiplexed Profiling of Extracellular Vesicles. <i>Advanced Biology</i> , 2020 , 4, e2000003	3.5	16
33	Acute oral toxicity and biodistribution study of zinc-aluminium-levodopa nanocomposite. <i>Nanoscale Research Letters</i> , 2015 , 10, 105	5	15
32	Derivation of an endogenous small RNA from double-stranded Sox4 sense and natural antisense transcripts in the mouse brain. <i>Genomics</i> , 2016 , 107, 88-99	4.3	14
31	Anatomic Variation in Morphometry of Human Coracoid Process among Asian Population. <i>BioMed Research International</i> , 2017 , 2017, 6307019	3	13
30	Discovery and Verification of Extracellular miRNA Biomarkers for Non-invasive Prediction of Pre-eclampsia in Asymptomatic Women. <i>Cell Reports Medicine</i> , 2020 , 1,	18	13
29	Virus vector-mediated genetic modification of brain tumor stromal cells after intravenous delivery. <i>Journal of Neuro-Oncology</i> , 2018 , 139, 293-305	4.8	13
28	Membrane-bound Gaussia luciferase as a tool to track shedding of membrane proteins from the surface of extracellular vesicles. <i>Scientific Reports</i> , 2019 , 9, 17387	4.9	10
27	Defects in nerve conduction velocity and different muscle fibre-type specificity contribute to muscle weakness in Ts1Cje Down syndrome mouse model. <i>PLoS ONE</i> , 2018 , 13, e0197711	3.7	10
26	Long-Term Therapeutic Efficacy of Intravenous AAV-Mediated Hamartin Replacement in Mouse Model of Tuberous Sclerosis Type 1. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019 , 15, 18-26	6.4	9
25	Promoting Neuro-Supportive Properties of Astrocytes with Epidermal Growth Factor Hydrogels. <i>Stem Cells Translational Medicine</i> , 2019 , 8, 1242-1248	6.9	9
24	miR-3099 promotes neurogenesis and inhibits astroglialogenesis during murine neural development. <i>Gene</i> , 2019 , 697, 201-212	3.8	9
23	In Silico Prediction and Validation of Gfap as an miR-3099 Target in Mouse Brain. <i>Neuroscience Bulletin</i> , 2017 , 33, 373-382	4.3	8
22	SOX3 expression in the glial system of the developing and adult mouse cerebellum. <i>SpringerPlus</i> , 2015 , 4, 400		8

21	Rat full term amniotic fluid harbors highly potent stem cells. <i>Research in Veterinary Science</i> , 2015 , 102, 89-99	2.5	7
20	Gene therapy for tuberous sclerosis complex type 2 in a mouse model by delivery of AAV9 encoding a condensed form of tuberin. <i>Science Advances</i> , 2021 , 7,	14.3	7
19	Toxicity evaluation of zinc aluminium levodopa nanocomposite via oral route in repeated dose study. <i>Nanoscale Research Letters</i> , 2014 , 9, 261	5	6
18	Gene and protein expression profiles of JAK-STAT signalling pathway in the developing brain of the Ts1Cje down syndrome mouse model. <i>International Journal of Neuroscience</i> , 2019 , 129, 871-881	2	6
17	In depth analysis of the Sox4 gene locus that consists of sense and natural antisense transcripts. <i>Data in Brief</i> , 2016 , 7, 282-90	1.2	4
16	Mutant Allele-Specific CRISPR Disruption in DYT1 Dystonia Fibroblasts Restores Cell Function. <i>Molecular Therapy - Nucleic Acids</i> , 2020 , 21, 1-12	10.7	3
15	The nootropic and anticholinesterase activities of Clitoria ternatea Linn. root extract: Potential treatment for cognitive decline. <i>Neurochemistry International</i> , 2020 , 139, 104785	4.4	3
14	Molecular characterization of glycation-associated skin ageing: an alternative skin model to study in vitro antiglycation activity of topical cosmeceutical and pharmaceutical formulations. <i>British Journal of Dermatology</i> , 2017 , 176, 159-167	4	3
13	TAF1 Transcripts and Neurofilament Light Chain as Biomarkers for X-linked Dystonia-Parkinsonism. <i>Movement Disorders</i> , 2021 , 36, 206-215	7	3
12	The resin-embedded cornea prepared via rapid processing protocol : a good histomorphometric target for clinical investigation in ophthalmology and optometry. <i>The Malaysian Journal of Medical Sciences</i> , 2008 , 15, 49-54	1.3	2
11	Spatiotemporal Expression and Molecular Characterization of miR-344b and miR-344c in the Developing Mouse Brain. <i>Neural Plasticity</i> , 2016 , 2016, 1951250	3.3	2
10	Identification of the genomic mutation in Epha4(rb-2J/rb-2J) mice. <i>Genome</i> , 2016 , 59, 439-48	2.4	2
9	Transient prenatal ruxolitinib treatment suppresses astrogenesis during development and improves learning and memory in adult mice. <i>Scientific Reports</i> , 2021 , 11, 3847	4.9	2
8	International Brain Research Organization (IBRO) global neuroscience advocacy programme: Four imperative resolutions to strengthen neuroscience research and development in Malaysia. <i>IBRO Reports</i> , 2017 , 2, 41-46	2	1
7	JAK-STAT Signaling Pathway and Gliosis in Neuroinflammatory Diseases 2020 , 83-101		1
6	Isolation, cultivation and immunostaining of single myofibers: An improved approach to study the behavior of satellite cells. <i>Journal of Biological Methods</i> , 2018 , 5, e87	1.4	1
5	Phenotype microarrays reveal metabolic dysregulations of neurospheres derived from embryonic Ts1Cje mouse model of Down syndrome. <i>PLoS ONE</i> , 2020 , 15, e0236826	3.7	1
4	Expression Profiling of Notch Signalling Pathway and Gamma-Secretase Activity in the Brain of Ts1Cje Mouse Model of Down Syndrome. <i>Journal of Molecular Neuroscience</i> , 2019 , 67, 632-642	3.3	1

- 3 Transcriptional profiling of the postnatal brain of the Ts1Cje mouse model of Down syndrome. *Genomics Data*, **2014**, 2, 314-7 ○
- 2 AAV9 transduction mediated by systemic delivery of vector via retro-orbital injection in newborn, neonatal and juvenile mice. *Experimental Animals*, **2021**, 70, 450-458 1.8 ○
- 1 CRISPR-Cas knockout of miR21 reduces glioma growth.. *Molecular Therapy - Oncolytics*, **2022**, 25, 121-136.4 ○