

Mark D Habgood

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,192
citations

567281

15
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1901
citing authors

#	ARTICLE	IF	CITATIONS
1	Markers for blood-brain barrier integrity: how appropriate is Evans blue in the twenty-first century and what are the alternatives?. <i>Frontiers in Neuroscience</i> , 2015, 9, 385.	2.8	237
2	The rights and wrongs of blood-brain barrier permeability studies: a walk through 100 years of history. <i>Frontiers in Neuroscience</i> , 2014, 8, 404.	2.8	179
3	The biological significance of brain barrier mechanisms: help or hindrance in drug delivery to the central nervous system?. <i>F1000Research</i> , 2016, 5, 313.	1.6	104
4	The inner CSF-brain barrier: developmentally controlled access to the brain via intercellular junctions. <i>Frontiers in Neuroscience</i> , 2015, 9, 16.	2.8	92
5	Physiology and molecular biology of barrier mechanisms in the fetal and neonatal brain. <i>Journal of Physiology</i> , 2018, 596, 5723-5756.	2.9	82
6	Mechanisms That Determine the Internal Environment of the Developing Brain: A Transcriptomic, Functional and Ultrastructural Approach. <i>PLoS ONE</i> , 2013, 8, e65629.	2.5	65
7	Oligodendrocyte Birth and Death following Traumatic Brain Injury in Adult Mice. <i>PLoS ONE</i> , 2015, 10, e0121541.	2.5	59
8	Brain barriers and functional interfaces with sequential appearance of ABC efflux transporters during human development. <i>Scientific Reports</i> , 2017, 7, 11603.	3.3	57
9	Ablation of Type-1 IFN Signaling in Hematopoietic Cells Confers Protection Following Traumatic Brain Injury. <i>ENeuro</i> , 2016, 3, ENEURO.0128-15.2016.	1.9	48
10	Influx mechanisms in the embryonic and adult rat choroid plexus: a transcriptome study. <i>Frontiers in Neuroscience</i> , 2015, 9, 123.	2.8	37
11	Determinants of drug entry into the developing brain. <i>F1000Research</i> , 2019, 8, 1372.	1.6	37
12	Recent Developments in Understanding Barrier Mechanisms in the Developing Brain: Drugs and Drug Transporters in Pregnancy, Susceptibility or Protection in the Fetal Brain?. <i>Annual Review of Pharmacology and Toxicology</i> , 2019, 59, 487-505.	9.4	33
13	Age-Dependent Transcriptome and Proteome Following Transection of Neonatal Spinal Cord of <i>Monodelphis domestica</i> (South American Grey Short-Tailed Opossum). <i>PLoS ONE</i> , 2014, 9, e99080.	2.5	28
14	Testing hypotheses of developmental constraints on mammalian brain partition evolution, using marsupials. <i>Scientific Reports</i> , 2017, 7, 4241.	3.3	24
15	Developmental differences in the expression of ABC transporters at rat brain barrier interfaces following chronic exposure to diallyl sulfide. <i>Scientific Reports</i> , 2019, 9, 5998.	3.3	18
16	Effects of paracetamol (acetaminophen) on gene expression and permeability properties of the rat placenta and fetal brain. <i>F1000Research</i> , 2020, 9, 573.	1.6	16
17	The Balance between the Safety of Mother, Fetus, and Newborn Undergoing Cystic Fibrosis Transmembrane Conductance Regulator Treatments during Pregnancy. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 835-843.	4.9	15
18	Entry of cystic fibrosis transmembrane conductance potentiator ivacaftor into the developing brain and lung. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 857-864.	0.7	13

#	ARTICLE	IF	CITATIONS
19	Selective inhibition of ASIC1a confers functional and morphological neuroprotection following traumatic spinal cord injury. F1000Research, 2016, 5, 1822.	1.6	13
20	Entry of antiepileptic drugs (valproate and lamotrigine) into the developing rat brain. F1000Research, 2021, 10, 384.	1.6	9
21	Understanding barrier mechanisms in the developing brain to aid therapy for the dysfunctional brain. Future Neurology, 2011, 6, 187-199.	0.5	6
22	Acetaminophen in Pregnancy and Adverse Childhood Neurodevelopment. JAMA Pediatrics, 2017, 171, 395.	6.2	6
23	A bipedal mammalian model for spinal cord injury research: The tammar wallaby. F1000Research, 2017, 6, 921.	1.6	6
24	Transfer of rhodamine-123 into the brain and cerebrospinal fluid of fetal, neonatal and adult rats. Fluids and Barriers of the CNS, 2021, 18, 6.	5.0	2