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List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

704
citations

840776
11
h-index

839539
18
g-index

19
all docs

19
docs citations

19
times ranked

1290
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel advances in shotgun lipidomics for biology and medicine. <i>Progress in Lipid Research</i> , 2016, 61, 83-108.	11.6	211
2	Fatty Acidomics: Global Analysis of Lipid Species Containing a Carboxyl Group with a Charge-Remote Fragmentation-Assisted Approach. <i>Analytical Chemistry</i> , 2013, 85, 9312-9320.	6.5	148
3	Characterization of complications associated with open and endoscopic craniosynostosis surgery at a single institution. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 17, 361-370.	1.3	77
4	Chemokine and cytokine levels in the lumbar cerebrospinal fluid of preterm infants with post-hemorrhagic hydrocephalus. <i>Fluids and Barriers of the CNS</i> , 2017, 14, 35.	5.0	55
5	Simulation of triacylglycerol ion profiles: bioinformatics for interpretation of triacylglycerol biosynthesis. <i>Journal of Lipid Research</i> , 2013, 54, 1023-1032.	4.2	38
6	Altered neonatal white and gray matter microstructure is associated with neurodevelopmental impairments in very preterm infants with high-grade brain injury. <i>Pediatric Research</i> , 2019, 86, 365-374.	2.3	32
7	Cerebrospinal Fluid Biomarkers of Pediatric Hydrocephalus. <i>Pediatric Neurosurgery</i> , 2017, 52, 426-435.	0.7	19
8	MR diffusion changes in the perimeter of the lateral ventricles demonstrate periventricular injury in post-hemorrhagic hydrocephalus of prematurity. <i>NeuroImage: Clinical</i> , 2019, 24, 102031.	2.7	19
9	Diffusion Histology Imaging Combining Diffusion Basis Spectrum Imaging (DBSI) and Machine Learning Improves Detection and Classification of Glioblastoma Pathology. <i>Clinical Cancer Research</i> , 2020, 26, 5388-5399.	7.0	18
10	Predictors of mortality for preterm infants with intraventricular hemorrhage: a population-based study. <i>Child's Nervous System</i> , 2018, 34, 2203-2213.	1.1	17
11	Fractional anisotropy to quantify cervical spondylotic myelopathy severity. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 406-412.	0.6	14
12	The impact of systemic precision medicine and immunotherapy treatments on brain metastases. <i>Oncotarget</i> , 2019, 10, 6739-6753.	1.8	13
13	Temperatures Achieved in Human and Canine Neocortex During Intraoperative Passive or Active Focal Cooling. <i>Therapeutic Hypothermia and Temperature Management</i> , 2015, 5, 95-103.	0.9	11
14	Lipidomic analysis reveals significant lipogenesis and accumulation of lipotoxic components in ob/ob mouse organs. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 136, 161-169.	2.2	11
15	Time-to-event analysis of surgically treated posthemorrhagic hydrocephalus in preterm infants: a single-institution retrospective study. <i>Child's Nervous System</i> , 2017, 33, 1917-1926.	1.1	8
16	Tract-Specific Relationships Between Cerebrospinal Fluid Biomarkers and Periventricular White Matter in Posthemorrhagic Hydrocephalus of Prematurity. <i>Neurosurgery</i> , 2021, 88, 698-706.	1.1	6
17	Widely Metastatic Choroid Plexus Carcinoma Associated with Novel TP53 Somatic Mutation. <i>World Neurosurgery</i> , 2018, 119, 233-236.	1.3	4
18	Laser Interstitial Thermal Therapy in Grade 2/3 IDH1/2 Mutant Gliomas: A Preliminary Report and Literature Review. <i>Current Oncology</i> , 2022, 29, 2550-2563.	2.2	3

#	ARTICLE	IF	CITATIONS
19	Semi-automated segmentation of the lateral periventricular regions using diffusion magnetic resonance imaging. MethodsX, 2020, 7, 101023.	1.6	0