

Phan Q Duy

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

951
citations

516710

16
h-index

526287

27
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52
all docs

52
docs citations

52
times ranked

1437
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammation in acquired hydrocephalus: pathogenic mechanisms and therapeutic targets. <i>Nature Reviews Neurology</i> , 2020, 16, 285-296.	10.1	107
2	Exome sequencing implicates genetic disruption of prenatal neuro-gliogenesis in sporadic congenital hydrocephalus. <i>Nature Medicine</i> , 2020, 26, 1754-1765.	30.7	84
3	Protocadherins control the modular assembly of neuronal columns in the zebrafish optic tectum. <i>Journal of Cell Biology</i> , 2015, 211, 807-814.	5.2	65
4	Temporal requirement for SMN in motoneuron development. <i>Human Molecular Genetics</i> , 2013, 22, 2612-2625.	2.9	50
5	Sex modulates the ApoE ϵ 4 effect on brain tau deposition measured by 18 F-AV-1451 PET in individuals with mild cognitive impairment. <i>Theranostics</i> , 2019, 9, 4959-4970.	10.0	50
6	Impaired neurogenesis alters brain biomechanics in a neuroprogenitor-based genetic subtype of congenital hydrocephalus. <i>Nature Neuroscience</i> , 2022, 25, 458-473.	14.8	46
7	Protocadherin-18b interacts with Nap1 to control motor axon growth and arborization in zebrafish. <i>Molecular Biology of the Cell</i> , 2014, 25, 633-642.	2.1	42
8	HuD and the Survival Motor Neuron Protein Interact in Motoneurons and Are Essential for Motoneuron Development, Function, and mRNA Regulation. <i>Journal of Neuroscience</i> , 2017, 37, 11559-11571.	3.6	40
9	Retinal innervation tunes circuits that drive nonphotic entrainment to food. <i>Nature</i> , 2020, 581, 194-198.	27.8	37
10	<i>DIAPH1</i> Variants in Non-East Asian Patients With Sporadic Moyamoya Disease. <i>JAMA Neurology</i> , 2021, 78, 993.	9.0	33
11	Exome Sequencing Implicates Impaired GABA Signaling and Neuronal Ion Transport in Trigeminal Neuralgia. <i>IScience</i> , 2020, 23, 101552.	4.1	32
12	Identification of KCC2 Mutations in Human Epilepsy Suggests Strategies for Therapeutic Transporter Modulation. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 515.	3.7	31
13	Fragile X syndrome: Lessons learned from the most translated neurodevelopmental disorder in clinical trials. <i>Translational Neuroscience</i> , 2017, 8, 7-8.	1.4	26
14	Motoneuron development influences dorsal root ganglia survival and Schwann cell development in a vertebrate model of spinal muscular atrophy. <i>Human Molecular Genetics</i> , 2015, 24, 346-360.	2.9	25
15	Brain ventricles as windows into brain development and disease. <i>Neuron</i> , 2022, 110, 12-15.	8.1	23
16	Cellular responses to recurrent pentylentetrazole-induced seizures in the adult zebrafish brain. <i>Neuroscience</i> , 2017, 349, 118-127.	2.3	21
17	Muscle precursor cell movements in zebrafish are dynamic and require <i>six</i> family genes. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	19
18	PTEN mutations in autism spectrum disorder and congenital hydrocephalus: developmental pleiotropy and therapeutic targets. <i>Trends in Neurosciences</i> , 2021, 44, 961-976.	8.6	19

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19	Recessive Inheritance of Congenital Hydrocephalus With Other Structural Brain Abnormalities Caused by Compound Heterozygous Mutations in ATP1A3. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 425.	3.7	14
20	Genomic alterations underlying spinal metastases in pediatric H3K27M-mutant pineal parenchymal tumor of intermediate differentiation: case report. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 25, 121-130.	1.3	13
21	Trim71/lin-41 Links an Ancient miRNA Pathway to Human Congenital Hydrocephalus. <i>Trends in Molecular Medicine</i> , 2019, 25, 467-469.	6.7	12
22	Derivation and validation of genome-wide polygenic score for urinary tract stone diagnosis. <i>Kidney International</i> , 2020, 98, 1323-1330.	5.2	12
23	Genomics of human congenital hydrocephalus. <i>Child's Nervous System</i> , 2021, 37, 3325-3340.	1.1	12
24	Two Surgeries Do Not Always Make a Right: Spinal Cord Stimulation for Failed Back Surgery Syndrome. <i>Yale Journal of Biology and Medicine</i> , 2018, 91, 323-331.	0.2	11
25	Timing and prevalence of revision and removal surgeries after spinal cord stimulator implantation. <i>Journal of Clinical Neuroscience</i> , 2019, 62, 80-82.	1.5	10
26	Antiepileptic drug withdrawal and seizure severity in the epilepsy monitoring unit. <i>Epilepsy and Behavior</i> , 2020, 109, 107128.	1.7	10
27	Preresidency Publication Productivity of U.S. Neurosurgery Interns. <i>World Neurosurgery</i> , 2020, 137, e291-e297.	1.3	10
28	Exome Sequencing as a Potential Diagnostic Adjunct in Sporadic Congenital Hydrocephalus. <i>JAMA Pediatrics</i> , 2021, 175, 310.	6.2	10
29	Inflammatory hydrocephalus. <i>Child's Nervous System</i> , 2021, 37, 3341-3353.	1.1	10
30	Does Transcranial Direct Current Stimulation Actually Deliver DC Stimulation?. <i>Brain Stimulation</i> , 2016, 9, 623-624.	1.6	9
31	Worse overall health status negatively impacts satisfaction with breast reconstruction. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 2056-2062.	1.0	9
32	Preclinical insights into therapeutic targeting of KCC2 for disorders of neuronal hyperexcitability. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 629-637.	3.4	8
33	Genomic approaches to improve the clinical diagnosis and management of patients with congenital hydrocephalus. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 168-177.	1.3	6
34	Familial and syndromic forms of arachnoid cyst implicate genetic factors in disease pathogenesis. <i>Cerebral Cortex</i> , 2023, 33, 3012-3025.	2.9	6
35	Light Has Diverse Spatiotemporal Molecular Changes in the Mouse Suprachiasmatic Nucleus. <i>Journal of Biological Rhythms</i> , 2020, 35, 576-587.	2.6	5
36	Self-reported health without clinically measurable benefits among adult users of multivitamin and multimineral supplements: a cross-sectional study. <i>BMJ Open</i> , 2020, 10, e039119.	1.9	5

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37	Description and assessment of a neurosurgery shadowing and research program: A paradigm for early and sustained exposure to academic neurosurgery. <i>Translational Neuroscience</i> , 2019, 10, 195-199.	1.4	4
38	Intraventricular CSF Turbulence in Pediatric Communicating Hydrocephalus. <i>Neurology</i> , 2021, 97, 246-247.	1.1	4
39	Does Transcranial Direct Current Stimulation Actually Deliver DC Stimulation: Response to Letter to the Editor. <i>Brain Stimulation</i> , 2016, 9, 627-628.	1.6	3
40	Fragile X-Associated Disorders in Serbia: Baseline Quantitative and Qualitative Survey of Knowledge, Attitudes and Practices Among Medical Professionals. <i>Frontiers in Neuroscience</i> , 2018, 12, 652.	2.8	3
41	Opioid use and spinal cord stimulation therapy: The long game. <i>Journal of Clinical Neuroscience</i> , 2021, 84, 50-52.	1.5	3
42	Spine Surgery HCAHPS Patient Satisfaction Survey Results Inversely Correlate with Survey Response Time. <i>Spine</i> , 2021, 46, 1264-1270.	2.0	3
43	Chronic Circadian Misalignment without Circadian Arrhythmicity or Sleep Deprivation Does Not Impair Adult Hippocampal Neurogenesis. <i>Journal of Biological Rhythms</i> , 2017, 32, 621-626.	2.6	2
44	Angiographic Pulse Wave Coherence in the Human Brain. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 873530.	4.1	2
45	Clinical trial publication trends within neurology. <i>Translational Neuroscience</i> , 2019, 10, 233-234.	1.4	1
46	A novel signature predicts recurrence risk and therapeutic response in breast cancer patients. <i>International Journal of Cancer</i> , 2021, 148, 2848-2856.	5.1	1
47	Challenges in Translating Therapeutic Frontiers in Clinical Trials: Where Are We Now and What's Next?. <i>Madridge Journal of Neuroscience</i> , 2017, 1, 1-3.	0.0	1
48	Molecular genetics of human developmental neurocranial anomalies: towards "precision surgery". <i>Cerebral Cortex</i> , 2023, 33, 2912-2918.	2.9	1
49	Protocadherins control the modular assembly of neuronal columns in the zebrafish optic tectum. <i>Journal of Experimental Medicine</i> , 2015, 212, 212130IA114.	8.5	0
50	MRI in Spine Trauma. , 2020, , 31-86.		0
51	Spinal cord stimulation and psychotropic medication use: Missing piece to the puzzle?. <i>Journal of Clinical Neuroscience</i> , 2020, 81, 158-160.	1.5	0