Phan Q Duy

List of Publications by Year
in descending order

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51 papers	951 citations	516710 16 h-index	526287 27 g-index
52 all docs	52 docs citations	52 times ranked	1437 citing authors

#	Article	IF	Citations
1	Molecular genetics of human developmental neurocranial anomalies: towards â€œprecision surgeryâ€• Cerebral Cortex, 2023, 33, 2912-2918.	2.9	1
2	Familial and syndromic forms of arachnoid cyst implicate genetic factors in disease pathogenesis. Cerebral Cortex, 2023, 33, 3012-3025.	2.9	6
3	Brain ventricles as windows into brain development and disease. Neuron, 2022, 110, 12-15.	8.1	23
4	Genomic approaches to improve the clinical diagnosis and management of patients with congenital hydrocephalus. Journal of Neurosurgery: Pediatrics, 2022, 29, 168-177.	1.3	6
5	Impaired neurogenesis alters brain biomechanics in a neuroprogenitor-based genetic subtype of congenital hydrocephalus. Nature Neuroscience, 2022, 25, 458-473.	14.8	46
6	Angiographic Pulse Wave Coherence in the Human Brain. Frontiers in Bioengineering and Biotechnology, 2022, 10, 873530.	4.1	2
7	Opioid use and spinal cord stimulation therapy: The long game. Journal of Clinical Neuroscience, 2021, 84, 50-52.	1.5	3
8	Spine Surgery HCAHPS Patient Satisfaction Survey Results Inversely Correlate with Survey Response Time. Spine, 2021, 46, 1264-1270.	2.0	3
9	A novel signature predicts recurrence risk and therapeutic response in breast cancer patients. International Journal of Cancer, 2021, 148, 2848-2856.	5.1	1
10	Exome Sequencing as a Potential Diagnostic Adjunct in Sporadic Congenital Hydrocephalus. JAMA Pediatrics, 2021, 175, 310.	6.2	10
11	Intraventricular CSF Turbulence in Pediatric Communicating Hydrocephalus. Neurology, 2021, 97, 246-247.	1.1	4
12	Inflammatory hydrocephalus. Child's Nervous System, 2021, 37, 3341-3353.	1.1	10
13	Genomics of human congenital hydrocephalus. Child's Nervous System, 2021, 37, 3325-3340.	1.1	12
14	DIAPH1 Variants in Nonâ€“East Asian Patients With Sporadic Moyamoya Disease. JAMA Neurology, 2021, 78, 993.	9.0	33
15	PTEN mutations in autism spectrum disorder and congenital hydrocephalus: developmental pleiotropy and therapeutic targets. Trends in Neurosciences, 2021, 44, 961-976.	8.6	19
16	Exome sequencing implicates genetic disruption of prenatal neuro-gliogenesis in sporadic congenital hydrocephalus. Nature Medicine, 2020, 26, 1754-1765.	30.7	84
17	Exome Sequencing Implicates Impaired GABA Signaling and Neuronal Ion Transport in Trigeminal Neuralgia. IScience, 2020, 23, 101552.	4.1	32
18	Light Has Diverse Spatiotemporal Molecular Changes in the Mouse Suprachiasmatic Nucleus. Journal of Biological Rhythms, 2020, 35, 576-587.	2.6	5

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19	Worse overall health status negatively impacts satisfaction with breast reconstruction. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2020, 73, 2056-2062.	1.0	9
20	Self-reported health without clinically measurable benefits among adult users of multivitamin and multimineral supplements: a cross-sectional study. BMJ Open, 2020, 10, e039119.	1.9	5
21	Derivation and validation of genome-wide polygenic score for urinary tract stone diagnosis. Kidney International, 2020, 98, 1323-1330.	5.2	12
22	Inflammation in acquired hydrocephalus: pathogenic mechanisms and therapeutic targets. Nature Reviews Neurology, 2020, 16, 285-296.	10.1	107
23	Antiepileptic drug withdrawal and seizure severity in the epilepsy monitoring unit. Epilepsy and Behavior, 2020, 109, 107128.	1.7	10
24	Preresidency Publication Productivity of U.S. Neurosurgery Interns. World Neurosurgery, 2020, 137, e291-e297.	1.3	10
25	Preclinical insights into therapeutic targeting of KCC2 for disorders of neuronal hyperexcitability. Expert Opinion on Therapeutic Targets, 2020, 24, 629-637.	3.4	8
26	Retinal innervation tunes circuits that drive nonphotic entrainment to food. Nature, 2020, 581, 194-198.	27.8	37
27	Genomic alterations underlying spinal metastases in pediatric H3K27M-mutant pineal parenchymal tumor of intermediate differentiation: case report. Journal of Neurosurgery: Pediatrics, 2020, 25, 121-130.	1.3	13
28	MRI in Spine Trauma. , 2020, , 31-86.		0
29	Spinal cord stimulation and psychotropic medication use: Missing piece to the puzzle?. Journal of Clinical Neuroscience, 2020, 81, 158-160.	1.5	0
30	Sex modulates the ApoE Îµ4 effect on brain tau deposition measured by ¹⁸F-AV-1451 PET in individuals with mild cognitive impairment. Theranostics, 2019, 9, 4959-4970.	10.0	50
31	Recessive Inheritance of Congenital Hydrocephalus With Other Structural Brain Abnormalities Caused by Compound Heterozygous Mutations in ATP1A3. Frontiers in Cellular Neuroscience, 2019, 13, 425.	3.7	14
32	Description and assessment of a neurosurgery shadowing and research program: A paradigm for early and sustained exposure to academic neurosurgery. Translational Neuroscience, 2019, 10, 195-199.	1.4	4
33	Timing and prevalence of revision and removal surgeries after spinal cord stimulator implantation. Journal of Clinical Neuroscience, 2019, 62, 80-82.	1.5	10
34	Muscle precursor cell movements in zebrafish are dynamic and require six-family genes. Development (Cambridge), 2019, 146, .	2.5	19
35	Trim71/lin-41 Links an Ancient miRNA Pathway to Human Congenital Hydrocephalus. Trends in Molecular Medicine, 2019, 25, 467-469.	6.7	12
36	Clinical trial publication trends within neurology. Translational Neuroscience, 2019, 10, 233-234.	1.4	1

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37	Identification of KCC2 Mutations in Human Epilepsy Suggests Strategies for Therapeutic Transporter Modulation. Frontiers in Cellular Neuroscience, 2019, 13, 515.	3.7	31
38	Fragile X-Associated Disorders in Serbia: Baseline Quantitative and Qualitative Survey of Knowledge, Attitudes and Practices Among Medical Professionals. Frontiers in Neuroscience, 2018, 12, 652.	2.8	3
39	Two Surgeries Do Not Always Make a Right: Spinal Cord Stimulation for Failed Back Surgery Syndrome. Yale Journal of Biology and Medicine, 2018, 91, 323-331.	0.2	11
40	Cellular responses to recurrent pentylenetetrazole-induced seizures in the adult zebrafish brain. Neuroscience, 2017, 349, 118-127.	2.3	21
41	Fragile X syndrome: Lessons learned from the most translated neurodevelopmental disorder in clinical trials. Translational Neuroscience, 2017, 8, 7-8.	1.4	26
42	HuD and the Survival Motor Neuron Protein Interact in Motoneurons and Are Essential for Motoneuron Development, Function, and mRNA Regulation. Journal of Neuroscience, 2017, 37, 11559-11571.	3.6	40
43	Chronic Circadian Misalignment without Circadian Arrhythmicity or Sleep Deprivation Does Not Impair Adult Hippocampal Neurogenesis. Journal of Biological Rhythms, 2017, 32, 621-626.	2.6	2
44	Challenges in Translating Therapeutic Frontiers in Clinical Trials: Where Are We Now and What's Next?. Madridge Journal of Neuroscience, 2017, 1, 1-3.	0.0	1
45	Does Transcranial Direct Current Stimulation Actually Deliver DC Stimulation?. Brain Stimulation, 2016, 9, 623-624.	1.6	9
46	Does Transcranial Direct Current Stimulation Actually Deliver DC Stimulation: Response to Letter to the Editor. Brain Stimulation, 2016, 9, 627-628.	1.6	3
47	Motoneuron development influences dorsal root ganglia survival and Schwann cell development in a vertebrate model of spinal muscular atrophy. Human Molecular Genetics, 2015, 24, 346-360.	2.9	25
48	Protocadherins control the modular assembly of neuronal columns in the zebrafish optic tectum. Journal of Cell Biology, 2015, 211, 807-814.	5.2	65
49	Protocadherins control the modular assembly of neuronal columns in the zebrafish optic tectum. Journal of Experimental Medicine, 2015, 212, 21213OIA114.	8.5	0
50	Protocadherin-18b interacts with Nap1 to control motor axon growth and arborization in zebrafish. Molecular Biology of the Cell, 2014, 25, 633-642.	2.1	42
51	Temporal requirement for SMN in motoneuron development. Human Molecular Genetics, 2013, 22, 2612-2625.	2.9	50