

Vairavan Narayanan

List of Publications by Year in descending order

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43
papers

1,726
citations

759233

12
h-index

361022

35
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44
all docs

44
docs citations

44
times ranked

2593
citing authors

#	ARTICLE	IF	CITATIONS
1	Trial of Decompressive Craniectomy for Traumatic Intracranial Hypertension. <i>New England Journal of Medicine</i> , 2016, 375, 1119-1130.	27.0	901
2	Utility of multimaterial 3D printers in creating models with pathological entities to enhance the training experience of neurosurgeons. <i>Journal of Neurosurgery</i> , 2014, 120, 489-492.	1.6	177
3	Diffusion Tensor Imaging Parameters in Mild Traumatic Brain Injury and Its Correlation with Early Neuropsychological Impairment: A Longitudinal Study. <i>Journal of Neurotrauma</i> , 2015, 32, 1497-1509.	3.4	113
4	Injecting Realism in Surgical Training—Initial Simulation Experience With Custom 3D Models. <i>Journal of Surgical Education</i> , 2014, 71, 193-197.	2.5	100
5	Integrated genomic and transcriptomic analysis of human brain metastases identifies alterations of potential clinical significance. <i>Journal of Pathology</i> , 2015, 237, 363-378.	4.5	98
6	Endoscopic skull base training using 3D printed models with pre-existing pathology. <i>European Archives of Oto-Rhino-Laryngology</i> , 2015, 272, 753-757.	1.6	63
7	Neurosurgical Endoscopic Training via a Realistic 3-Dimensional Model With Pathology. <i>Simulation in Healthcare</i> , 2015, 10, 43-48.	1.2	59
8	Missense Mutation of Brain Derived Neurotrophic Factor (BDNF) Alters Neurocognitive Performance in Patients with Mild Traumatic Brain Injury: A Longitudinal Study. <i>PLoS ONE</i> , 2016, 11, e0158838.	2.5	36
9	A new expandable cannula system for endoscopic evacuation of intraparenchymal hemorrhages. <i>Journal of Neurosurgery</i> , 2009, 111, 1127-1130.	1.6	19
10	Video clip transfer of radiological images using a mobile telephone in emergency neurosurgical consultations (3G Multi-Media Messaging Service). <i>British Journal of Neurosurgery</i> , 2012, 26, 199-201.	0.8	19
11	Neurometabolites Alteration in the Acute Phase of Mild Traumatic Brain Injury (mTBI). <i>Academic Radiology</i> , 2018, 25, 1167-1177.	2.5	19
12	Neuropsychological Outcomes in Patients with Complicated Versus Uncomplicated Mild Traumatic Brain Injury: 6-Month Follow-Up. <i>World Neurosurgery</i> , 2017, 97, 416-423.	1.3	14
13	DTI Profiles for Rapid Description of Cohorts at the Clinical-Research Interface. <i>Frontiers in Medicine</i> , 2018, 5, 357.	2.6	12
14	Frequency and Causes of Line of Sight Issues During Neurosurgical Procedures Using Optical Image-Guided Systems. <i>World Neurosurgery</i> , 2019, 122, e449-e454.	1.3	9
15	Minimally Invasive Image-Guided Removal of Retrobulbar Intraconal Foreign Body. <i>Orbit</i> , 2009, 28, 442-443.	0.8	8
16	Quantification and visualization of lipid landscape in glioma using in -and opposed-phase imaging. <i>NeuroImage: Clinical</i> , 2018, 20, 531-536.	2.7	8
17	Chemotherapy-related cognitive impairment (CRCI) among early-stage breast cancer survivors in Malaysia. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2021, 43, 534-545.	1.3	8
18	Microstructural Change and Cognitive Alteration in Maxillofacial Trauma and Mild Traumatic Brain Injury: A Diffusion Tensor Imaging Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 1197.e1-1197.e10.	1.2	6

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19	Electroacupuncture-Assisted Craniotomy on an Awake Patient. JAMS Journal of Acupuncture and Meridian Studies, 2017, 10, 45-48.	0.7	5
20	Identifying the Sources of Error When Using 3-Dimensional Printed Head Models with Surgical Navigation. World Neurosurgery, 2020, 134, e379-e386.	1.3	5
21	Genetic polymorphisms of EGF 5'-UTR and NAT2 857G/A associated with glioma in a case control study of Malaysian patients. Genetics and Molecular Research, 2012, 11, 2939-2945.	0.2	4
22	48-hour video-EEG monitoring for epilepsy presurgical evaluation is cost-effective and safe in resource-limited setting. Epilepsy Research, 2020, 162, 106298.	1.6	4
23	Cognitive Rehabilitation Programs for Survivors of Breast Cancer Treated With Chemotherapy: A Systematic Review. Rehabilitation Oncology, 2021, 39, 155-167.	0.5	4
24	Predictors of health-related quality of life after completion of chemotherapy among Malaysian early-stage breast cancer survivors. Supportive Care in Cancer, 2022, 30, 2793-2801.	2.2	4
25	Lipid Fraction Derived From MRI In- and Opposed-Phase Sequence as a Novel Biomarker for Predicting Survival Outcome of Glioma. Academic Radiology, 2020, 27, 180-187.	2.5	3
26	Neural Fiber Integrity in High- Versus Low-Grade Glioma using Probabilistic Fiber Tracking. Academic Radiology, 2021, 28, 1721-1732.	2.5	3
27	Attitudes toward epilepsy in East Malaysia using the Public Attitudes Toward Epilepsy (PATE) scale. Epilepsy and Behavior, 2020, 110, 107158.	1.7	3
28	Validity and reliability of the Neuropsychological Assessment Battery " Screening Module (S-NAB) in a subset of Malaysian population with mild traumatic brain injury (mTBI). Applied Neuropsychology Adult, 2021, 28, 416-426.	1.2	3
29	Diffusion Tensor Imaging Profiles Can Distinguish Diffusivity and Neural Properties of White Matter Injury in Hydrocephalus vs. Non-hydrocephalus Using a Strategy of a Periodic Table of DTI Elements. Frontiers in Neurology, 0, 13, .	2.4	3
30	Pilomyxoid astrocytoma of the fornix imitating a colloid cyst. European Journal of Radiology Extra, 2009, 72, e103-e106.	0.1	2
31	3D Printing in Neurosurgery. , 2017, , 51-58.		2
32	Single Port Endoscope-Assisted Excision of Forehead Lesions: An Innovative Way of Improving the Optical Cavity. Journal of Craniofacial Surgery, 2019, 30, 841-842.	0.7	2
33	Cerebral white matter microstructural changes in isolated maxillofacial trauma and associated neuropsychological outcomes. International Journal of Oral and Maxillofacial Surgery, 2020, 49, 1183-1192.	1.5	2
34	The effectiveness of handout assisted versus verbal consent on post-operative recall and understanding - A randomized control study. Journal of the Royal College of Surgeons of Edinburgh, 2022, 20, 169-176.	1.8	2
35	EEG Source Imaging (ESI) utility in clinical practice. Biomedizinische Technik, 2020, 65, 673-682.	0.8	2
36	A Cost-Effective Delivery System for FloSeal During Endoscopic and Microscopic Brain Surgery. World Neurosurgery, 2016, 90, 492-495.	1.3	1

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37	A preliminary report on the effect of cognitive rehabilitation therapy in improving cognitive function of attention following mild traumatic brain injury: A randomised controlled trial. <i>Annals of Physical and Rehabilitation Medicine</i> , 2018, 61, e41.	2.3	1
38	Randomised controlled clinical trial of a structured cognitive rehabilitation in patients with attention deficit following mild traumatic brain injury: study protocol. <i>BMJ Open</i> , 2019, 9, e028711.	1.9	1
39	Clinical Outcomes After Ventriculo-Peritoneal Shunting in Patients With Classic vs. Complex NPH. <i>Frontiers in Neurology</i> , 0, 13, .	2.4	1
40	A rare case of perivascular epithelioid cell tumour metastases to the brain. <i>SAGE Open Medical Case Reports</i> , 2019, 7, 2050313X1982853.	0.3	0
41	OTEH-5. Characterization of long-non coding RNA associated ceRNA network hub gene involved in glioblastoma multiforme lipid metabolism. <i>Neuro-Oncology Advances</i> , 2021, 3, ii11-ii11.	0.7	0
42	A simplified depth implantation approach in bitemporal lobe epilepsy. <i>Neurology Asia</i> , 2021, 27, 101-108.	0.2	0
43	A SHORT-TERM LONGITUDINAL STUDY ON MULTIDIMENSIONAL OUTCOMES FOLLOWING MILD TRAUMATIC BRAIN INJURY IN MULTI-ETHNIC MALAYSIA. <i>Journal of the University of Malaya Medical Centre</i> , 2021, 24, 1-10.	0.0	0