Phillip E Vlisides

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Intraoperative ketamine for prevention of postoperative delirium or pain after major surgery in older adults: an international, multicentre, double-blind, randomised clinical trial. Lancet, The, 2017, 390, 267-275.	13.7	346
2	Ketamine: 50 Years of Modulating the Mind. Frontiers in Human Neuroscience, 2016, 10, 612.	2.0	238
3	AVC périopératoire. Canadian Journal of Anaesthesia, 2016, 63, 193-204.	1.6	91
4	Incidence of Connected Consciousness after Tracheal Intubation. Anesthesiology, 2017, 126, 214-222.	2.5	88
5	Neurophysiologic Correlates of Ketamine Sedation and Anesthesia. Anesthesiology, 2017, 127, 58-69.	2.5	83
6	Relationship of critical dynamics, functional connectivity, and states of consciousness in large-scale human brain networks. NeuroImage, 2019, 188, 228-238.	4.2	73
7	Perioperative Metoprolol and Risk of Stroke after Noncardiac Surgery. Anesthesiology, 2013, 119, 1340-1346.	2.5	71
8	Subanaesthetic ketamine and altered states of consciousness in humans. British Journal of Anaesthesia, 2018, 121, 249-259.	3.4	66
9	Recent Advances in Preventing and Managing Postoperative Delirium. F1000Research, 2019, 8, 607.	1.6	66
10	Neurotoxicity of General Anesthetics: An Update. Current Pharmaceutical Design, 2012, 18, 6232-6240.	1.9	65
11	Dynamic Cortical Connectivity during General Anesthesia in Healthy Volunteers. Anesthesiology, 2019, 130, 870-884.	2.5	54
12	Dynamic Cortical Connectivity during General Anesthesia in Surgical Patients. Anesthesiology, 2019, 130, 885-897.	2.5	54
13	Home-based Cognitive Prehabilitation in Older Surgical Patients: A Feasibility Study. Journal of Neurosurgical Anesthesiology, 2019, 31, 212-217.	1.2	47
14	Anterior insula regulates brain network transitions that gate conscious access. Cell Reports, 2021, 35, 109081.	6.4	46
15	Intraoperative ketamine for prevention of depressive symptoms after major surgery in older adults: an international, multicentre, double-blind, randomised clinical trial. British Journal of Anaesthesia, 2018, 121, 1075-1083.	3.4	44
16	Perioperative Care of Patients at High Risk for Stroke During or After Non-cardiac, Non-neurological Surgery: 2020 Guidelines From the Society for Neuroscience in Anesthesiology and Critical Care. Journal of Neurosurgical Anesthesiology, 2020, 32, 210-226.	1.2	36
17	The Neurobiology of Anesthetic Emergence. Journal of Neurosurgical Anesthesiology, 2016, 28, 250-255.	1.2	35
18	A roadmap to advance delirium research: Recommendations from the NIDUS Scientific Think Tank. Alzheimer's and Dementia, 2020, 16, 726-733.	0.8	33

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19	Brain imaging reveals covert consciousness during behavioral unresponsiveness induced by propofol. Scientific Reports, 2018, 8, 13195.	3.3	27
20	Delirium and neuropsychological outcomes in critically Ill patients with COVID-19: a cohort study. BMJ Open, 2021, 11, e050045.	1.9	26
21	Recognition and Management of Perioperative Stroke in Hospitalized Patients. A & A Case Reports, 2016, 7, 55-56.	0.7	24
22	Stroke in Surgical Patients. Anesthesiology, 2021, 134, 480-492.	2.5	23
23	Asymmetric neural dynamics characterize loss and recovery of consciousness. NeuroImage, 2021, 236, 118042.	4.2	20
24	Hypoxia modulates cholinergic but not opioid activation of G proteins in rat hippocampus. Hippocampus, 2007, 17, 934-942.	1.9	18
25	G proteins in rat prefrontal cortex (PFC) are differentially activated as a function of oxygen status and PFC region. Journal of Chemical Neuroanatomy, 2009, 37, 112-117.	2.1	17
26	Perioperative Epidural Use and Risk of Delirium in Surgical Patients: A Secondary Analysis of the PODCAST Trial. Anesthesia and Analgesia, 2019, 128, 944-952.	2.2	17
27	Electroencephalographic slow wave dynamics and loss of behavioural responsiveness induced by ketamine in human volunteers. British Journal of Anaesthesia, 2019, 123, 592-600.	3.4	13
28	Hypnotic depth and postoperative death: a Bayesian perspective and an Independent Discussion of a clinical trial. British Journal of Anaesthesia, 2019, 122, 421-427.	3.4	12
29	The Effects of Intraoperative Caffeine on Postoperative Opioid Consumption and Related Outcomes After Laparoscopic Surgery: A Randomized Controlled Trial. Anesthesia and Analgesia, 2021, 133, 233-242.	2.2	12
30	Cerebrovascular Disease and Perioperative Neurologic Vulnerability: A Prospective Cohort Study. Frontiers in Neurology, 2019, 10, 560.	2.4	11
31	Pharmacologic Unmasking of Neurologic Deficits. Anesthesiology, 2019, 131, 5-6.	2.5	10
32	Management of Acute Ischemic Stroke–Specific Focus on Anesthetic Management for Mechanical Thrombectomy. Anesthesia and Analgesia, 2020, 131, 1124-1134.	2.2	9
33	Roadmap for Conducting Neuroscience Research in the COVID-19 Era and Beyond: Recommendations From the SNACC Research Committee. Journal of Neurosurgical Anesthesiology, 2021, 33, 100-106.	1.2	8
34	Can Cognitive Training Improve Perioperative Brain Health?. Anesthesia and Analgesia, 2020, 130, 583-585.	2.2	6
35	Dynamic reconfiguration of frequency-specific cortical coactivation patterns during psychedelic and anesthetized states induced by ketamine. NeuroImage, 2022, 249, 118891.	4.2	6
36	Reconceptualising stroke research to inform the question of anaesthetic neurotoxicity. British Journal of Anaesthesia, 2018, 120, 430-435.	3.4	5

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37	Age-Related Changes in Cortical Connectivity During Surgical Anesthesia. Frontiers in Aging Neuroscience, 2019, 11, 371.	3.4	5
38	Delirium, Caffeine, and Perioperative Cortical Dynamics. Frontiers in Human Neuroscience, 2021, 15, 744054.	2.0	5
39	Neurophysiologic Complexity in Children Increases with Developmental Age and Is Reduced by General Anesthesia. Anesthesiology, 2021, 135, 813-828.	2.5	4
40	Perioperative Metoprolol and Risk of Stroke After Noncardiac Surgery. Survey of Anesthesiology, 2014, 58, 248-249.	0.1	3
41	Perioperative neuroscience: a framework for clinical and scientific advancement. British Journal of Anaesthesia, 2019, 123, 107-111.	3.4	3
42	Recommendations and Alerting for Delirium Alleviation in Real-Time (RADAR): Protocol for a pilot randomized controlled trial. F1000Research, 2019, 8, 1683.	1.6	3
43	Constrained Functional Connectivity Dynamics in Pediatric Surgical Patients Undergoing General Anesthesia. Anesthesiology, 2022, 137, 28-40.	2.5	3
44	Anesthetic Practice Trends and Perceptions Toward Postoperative Delirium: A Mixed-Methods Analysis. Anesthesia and Analgesia, 2023, 136, 130-139.	2.2	3
45	Uncovering covert stroke in surgical patients. Lancet, The, 2019, 394, 982-984.	13.7	2
46	Cortical Oscillations and Connectivity During Postoperative Recovery. Journal of Neurosurgical Anesthesiology, 2021, 33, 87-91.	1.2	2
47	The Cognitive Neuraxis: Epidurals and Postoperative Delirium. Anesthesiology, 2021, 135, 197-199.	2.5	1
48	Clinical Application of Raw and Processed EEG. , 2017, , 193-204.		1
49	Patient perspectives on delirium and cognitive dysfunction after surgery: a cross-sectional survey. British Journal of Anaesthesia, 2022, , .	3.4	1
50	Correlation between brain tissue oxygen tension and regional cerebral oximetry in uninjured human brain under conditions of changing ventilation strategy. Journal of Clinical Monitoring and Computing, 2022, 36, 1227-1232.	1.6	1
51	Deep anaesthesia. Lancet, The, 2020, 396, 666.	13.7	0
52	Anesthesia and White Matter Injury. , 2014, , 571-584.		0
53	Recommendations and Alerting for Delirium Alleviation in Real-Time (RADAR): Protocol for a pilot randomized controlled trial. F1000Research, 0, 8, 1683.	1.6	0