

Phillip E Vlisides

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,837
citations

361045

20
h-index

276539

41
g-index

54
all docs

54
docs citations

54
times ranked

1894
citing authors

| # | 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. <i>Lancet</i> , 2017, 390, 267-275. | 6.3 | 346 |
| 2 | Ketamine: 50 Years of Modulating the Mind. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 612. | 1.0 | 238 |
| 3 | AVC pÃ©riopÃ©ratoire. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 193-204. | 0.7 | 91 |
| 4 | Incidence of Connected Consciousness after Tracheal Intubation. <i>Anesthesiology</i> , 2017, 126, 214-222. | 1.3 | 88 |
| 5 | Neurophysiologic Correlates of Ketamine Sedation and Anesthesia. <i>Anesthesiology</i> , 2017, 127, 58-69. | 1.3 | 83 |
| 6 | Relationship of critical dynamics, functional connectivity, and states of consciousness in large-scale human brain networks. <i>NeuroImage</i> , 2019, 188, 228-238. | 2.1 | 73 |
| 7 | Perioperative Metoprolol and Risk of Stroke after Noncardiac Surgery. <i>Anesthesiology</i> , 2013, 119, 1340-1346. | 1.3 | 71 |
| 8 | Subanaesthetic ketamine and altered states of consciousness in humans. <i>British Journal of Anaesthesia</i> , 2018, 121, 249-259. | 1.5 | 66 |
| 9 | Recent Advances in Preventing and Managing Postoperative Delirium. <i>F1000Research</i> , 2019, 8, 607. | 0.8 | 66 |
| 10 | Neurotoxicity of General Anesthetics: An Update. <i>Current Pharmaceutical Design</i> , 2012, 18, 6232-6240. | 0.9 | 65 |
| 11 | Dynamic Cortical Connectivity during General Anesthesia in Healthy Volunteers. <i>Anesthesiology</i> , 2019, 130, 870-884. | 1.3 | 54 |
| 12 | Dynamic Cortical Connectivity during General Anesthesia in Surgical Patients. <i>Anesthesiology</i> , 2019, 130, 885-897. | 1.3 | 54 |
| 13 | Home-based Cognitive Prehabilitation in Older Surgical Patients: A Feasibility Study. <i>Journal of Neurosurgical Anesthesiology</i> , 2019, 31, 212-217. | 0.6 | 47 |
| 14 | Anterior insula regulates brain network transitions that gate conscious access. <i>Cell Reports</i> , 2021, 35, 109081. | 2.9 | 46 |
| 15 | Intraoperative ketamine for prevention of depressive symptoms after major surgery in older adults: an international, multicentre, double-blind, randomised clinical trial. <i>British Journal of Anaesthesia</i> , 2018, 121, 1075-1083. | 1.5 | 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. <i>Journal of Neurosurgical Anesthesiology</i> , 2020, 32, 210-226. | 0.6 | 36 |
| 17 | The Neurobiology of Anesthetic Emergence. <i>Journal of Neurosurgical Anesthesiology</i> , 2016, 28, 250-255. | 0.6 | 35 |
| 18 | A roadmap to advance delirium research: Recommendations from the NIDUS Scientific Think Tank. <i>Alzheimer's and Dementia</i> , 2020, 16, 726-733. | 0.4 | 33 |

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|----|--|-----|-----------|
| 19 | Brain imaging reveals covert consciousness during behavioral unresponsiveness induced by propofol. <i>Scientific Reports</i> , 2018, 8, 13195. | 1.6 | 27 |
| 20 | Delirium and neuropsychological outcomes in critically ill patients with COVID-19: a cohort study. <i>BMJ Open</i> , 2021, 11, e050045. | 0.8 | 26 |
| 21 | Recognition and Management of Perioperative Stroke in Hospitalized Patients. <i>A & A Case Reports</i> , 2016, 7, 55-56. | 0.7 | 24 |
| 22 | Stroke in Surgical Patients. <i>Anesthesiology</i> , 2021, 134, 480-492. | 1.3 | 23 |
| 23 | Asymmetric neural dynamics characterize loss and recovery of consciousness. <i>NeuroImage</i> , 2021, 236, 118042. | 2.1 | 20 |
| 24 | Hypoxia modulates cholinergic but not opioid activation of G proteins in rat hippocampus. <i>Hippocampus</i> , 2007, 17, 934-942. | 0.9 | 18 |
| 25 | G proteins in rat prefrontal cortex (PFC) are differentially activated as a function of oxygen status and PFC region. <i>Journal of Chemical Neuroanatomy</i> , 2009, 37, 112-117. | 1.0 | 17 |
| 26 | Perioperative Epidural Use and Risk of Delirium in Surgical Patients: A Secondary Analysis of the PODCAST Trial. <i>Anesthesia and Analgesia</i> , 2019, 128, 944-952. | 1.1 | 17 |
| 27 | Electroencephalographic slow wave dynamics and loss of behavioural responsiveness induced by ketamine in human volunteers. <i>British Journal of Anaesthesia</i> , 2019, 123, 592-600. | 1.5 | 13 |
| 28 | Hypnotic depth and postoperative death: a Bayesian perspective and an Independent Discussion of a clinical trial. <i>British Journal of Anaesthesia</i> , 2019, 122, 421-427. | 1.5 | 12 |
| 29 | The Effects of Intraoperative Caffeine on Postoperative Opioid Consumption and Related Outcomes After Laparoscopic Surgery: A Randomized Controlled Trial. <i>Anesthesia and Analgesia</i> , 2021, 133, 233-242. | 1.1 | 12 |
| 30 | Cerebrovascular Disease and Perioperative Neurologic Vulnerability: A Prospective Cohort Study. <i>Frontiers in Neurology</i> , 2019, 10, 560. | 1.1 | 11 |
| 31 | Pharmacologic Unmasking of Neurologic Deficits. <i>Anesthesiology</i> , 2019, 131, 5-6. | 1.3 | 10 |
| 32 | Management of Acute Ischemic Stroke—Specific Focus on Anesthetic Management for Mechanical Thrombectomy. <i>Anesthesia and Analgesia</i> , 2020, 131, 1124-1134. | 1.1 | 9 |
| 33 | Roadmap for Conducting Neuroscience Research in the COVID-19 Era and Beyond: Recommendations From the SNACC Research Committee. <i>Journal of Neurosurgical Anesthesiology</i> , 2021, 33, 100-106. | 0.6 | 8 |
| 34 | Can Cognitive Training Improve Perioperative Brain Health?. <i>Anesthesia and Analgesia</i> , 2020, 130, 583-585. | 1.1 | 6 |
| 35 | Dynamic reconfiguration of frequency-specific cortical coactivation patterns during psychedelic and anesthetized states induced by ketamine. <i>NeuroImage</i> , 2022, 249, 118891. | 2.1 | 6 |
| 36 | Reconceptualising stroke research to inform the question of anaesthetic neurotoxicity. <i>British Journal of Anaesthesia</i> , 2018, 120, 430-435. | 1.5 | 5 |

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|----|---|-----|-----------|
| 37 | Age-Related Changes in Cortical Connectivity During Surgical Anesthesia. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 371. | 1.7 | 5 |
| 38 | Delirium, Caffeine, and Perioperative Cortical Dynamics. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 744054. | 1.0 | 5 |
| 39 | Neurophysiologic Complexity in Children Increases with Developmental Age and Is Reduced by General Anesthesia. <i>Anesthesiology</i> , 2021, 135, 813-828. | 1.3 | 4 |
| 40 | Perioperative Metoprolol and Risk of Stroke After Noncardiac Surgery. <i>Survey of Anesthesiology</i> , 2014, 58, 248-249. | 0.1 | 3 |
| 41 | Perioperative neuroscience: a framework for clinical and scientific advancement. <i>British Journal of Anaesthesia</i> , 2019, 123, 107-111. | 1.5 | 3 |
| 42 | Recommendations and Alerting for Delirium Alleviation in Real-Time (RADAR): Protocol for a pilot randomized controlled trial. <i>F1000Research</i> , 2019, 8, 1683. | 0.8 | 3 |
| 43 | Constrained Functional Connectivity Dynamics in Pediatric Surgical Patients Undergoing General Anesthesia. <i>Anesthesiology</i> , 2022, 137, 28-40. | 1.3 | 3 |
| 44 | Anesthetic Practice Trends and Perceptions Toward Postoperative Delirium: A Mixed-Methods Analysis. <i>Anesthesia and Analgesia</i> , 2023, 136, 130-139. | 1.1 | 3 |
| 45 | Uncovering covert stroke in surgical patients. <i>Lancet, The</i> , 2019, 394, 982-984. | 6.3 | 2 |
| 46 | Cortical Oscillations and Connectivity During Postoperative Recovery. <i>Journal of Neurosurgical Anesthesiology</i> , 2021, 33, 87-91. | 0.6 | 2 |
| 47 | The Cognitive Neuraxis: Epidurals and Postoperative Delirium. <i>Anesthesiology</i> , 2021, 135, 197-199. | 1.3 | 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. <i>British Journal of Anaesthesia</i> , 2022, , . | 1.5 | 1 |
| 50 | Correlation between brain tissue oxygen tension and regional cerebral oximetry in uninjured human brain under conditions of changing ventilation strategy. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1227-1232. | 0.7 | 1 |
| 51 | Deep anaesthesia. <i>Lancet, The</i> , 2020, 396, 666. | 6.3 | 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. <i>F1000Research</i> , 0, 8, 1683. | 0.8 | 0 |