

Robert A Peterfreund

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

521
citations

687363

13
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

440
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The Impact of Carrier Flow Rate and Infusion Set Dead-Volume on the Dynamics of Intravenous Drug Delivery. <i>Anesthesia and Analgesia</i> , 2005, 100, 1048-1055. | 2.2 | 90 |
| 2 | Activation of Adensine A1 and A2A Receptors Modulates Dopamine D2 Receptor-Induced Responses in Stably Transfected Human Neuroblastoma Cells. <i>Journal of Neurochemistry</i> , 2001, 74, 432-439. | 3.9 | 66 |
| 3 | Critical parameters in drug delivery by intravenous infusion. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 1095-1108. | 5.0 | 52 |
| 4 | An Analysis of Drug Delivery Dynamics via a Pediatric Central Venous Infusion System: Quantification of Delays in Achieving Intended Doses. <i>Anesthesia and Analgesia</i> , 2009, 109, 1156-1161. | 2.2 | 41 |
| 5 | Evaluation of a Mandatory Quality Assurance Data Capture in Anesthesia. <i>Anesthesia and Analgesia</i> , 2011, 112, 1218-1225. | 2.2 | 40 |
| 6 | Horner's Syndrome Following Very Low Concentration Bupivacaine Infusion for Labor Epidural Analgesia. <i>Journal of Clinical Anesthesia</i> , 2003, 15, 217-219. | 1.6 | 32 |
| 7 | Drug Infusion Systems: Technologies, Performance, and Pitfalls. <i>Anesthesia and Analgesia</i> , 2017, 124, 1493-1505. | 2.2 | 31 |
| 8 | An In Vitro Analysis of Central Venous Drug Delivery by Continuous Infusion: The Effect of Manifold Design and Port Selection. <i>Anesthesia and Analgesia</i> , 2009, 109, 1524-1529. | 2.2 | 27 |
| 9 | Cost analysis of spinal and general anesthesia for the surgical treatment of lumbar spondylosis. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 539-543. | 1.5 | 27 |
| 10 | Delivery interaction between co-infused medications: an <i>in vitro</i> modeling study of microinfusion. <i>Paediatric Anaesthesia</i> , 2013, 23, 33-39. | 1.1 | 25 |
| 11 | Factors that modify the risk of intraoperative seizures triggered by electrical stimulation during supratentorial functional mapping. <i>Clinical Neurophysiology</i> , 2019, 130, 1058-1065. | 1.5 | 22 |
| 12 | A transient cortical state with sleep-like sensory responses precedes emergence from general anesthesia in humans. <i>ELife</i> , 2018, 7, . | 6.0 | 18 |
| 13 | Computer Control of Drug Delivery by Continuous Intravenous Infusion. <i>Anesthesiology</i> , 2015, 122, 647-658. | 2.5 | 16 |
| 14 | Spinal anesthesia for lumbar spine surgery correlates with fewer total medications and less frequent use of vasoactive agents: A single center experience. <i>PLoS ONE</i> , 2019, 14, e0217939. | 2.5 | 13 |
| 15 | Spinal anesthesia and Ogilvie's syndrome. <i>Journal of Clinical Anesthesia</i> , 2005, 17, 122-123. | 1.6 | 12 |
| 16 | Lag times to steady state drug delivery by continuous intravenous infusion: direct comparison of peristaltic and syringe pump performance identifies contributions from infusion system dead volume and pump startup characteristics. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1489-1498. | 1.6 | 4 |
| 17 | Anesthesia for Suboccipital Craniotomy in a Patient with Lymphangioliomyomatosis: A Case Report. <i>Case Reports in Pulmonology</i> , 2012, 2012, 1-4. | 0.3 | 2 |
| 18 | Intravenous administration of medications during an anesthetic: a deceptively simple process. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 547-548. | 1.6 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Errant central line placement. <i>Journal of Clinical Anesthesia</i> , 2007, 19, 479-481. | 1.6 | 1 |
| 20 | Isorhythmic Atrioventricular Dissociation with haemodynamic instability in a patient with a pacemaker. <i>Anaesthesia Cases</i> , 2016, 4, 67-71. | 0.0 | 0 |
| 21 | Drug Flow Through Clinical Infusion Systems: How Modeling of the Common-volume Helps Explain Clinical Events. <i>Pharmaceutical Technology in Hospital Pharmacy</i> , 2017, 2, . | 0.4 | 0 |
| 22 | Initiation of an Emulsion Microinfusion: Flow Direction Influences Delivery Onset Rate. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 172, 106154. | 4.0 | 0 |