

Paul R Hickey

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

4,332
citations

26
h-index

46
g-index

46
ext. papers

4,751
ext. citations

6.2
avg, IF

4.09
L-index

#	Paper	IF	Citations
45	The Anesthesia Perioperative "Call for Help"-Experience at a Quaternary Pediatric Medical Center: Analysis of 67,564 Anesthesia Encounters. <i>Anesthesia and Analgesia</i> , 2018 , 127, 126-133	3.9	10
44	More than Academic Competence: the Importance and Utility of Internship to Gain Clinical and Research Experiences. <i>Medical Science Educator</i> , 2018 , 28, 789-792	0.7	
43	Anesthesiologist- and System-Related Risk Factors for Risk-Adjusted Pediatric Anesthesia-Related Cardiac Arrest. <i>Anesthesia and Analgesia</i> , 2016 , 122, 482-9	3.9	36
42	The frequency of anesthesia-related cardiac arrests in patients with congenital heart disease undergoing cardiac surgery. <i>Anesthesia and Analgesia</i> , 2007 , 105, 335-43	3.9	62
41	Of mice and men: should we extrapolate rodent experimental data to the care of human neonates?. <i>Anesthesiology</i> , 2005 , 102, 866-8; author reply 868-9	4.3	55
40	Intraoperative hyperglycemia during infant cardiac surgery is not associated with adverse neurodevelopmental outcomes at 1, 4, and 8 years. <i>Anesthesiology</i> , 2004 , 100, 1345-52	4.3	73
39	Time course of early induction of intracellular adhesion molecule-1 messenger RNA during reperfusion, following cardiopulmonary bypass with hypothermic circulatory arrest in lambs. <i>Pediatric Critical Care Medicine</i> , 2003 , 4, 83-8	3	
38	Stress response in infants undergoing cardiac surgery: a randomized study of fentanyl bolus, fentanyl infusion, and fentanyl-midazolam infusion. <i>Anesthesia and Analgesia</i> , 2001 , 92, 882-90	3.9	75
37	Sialyl lewis oligosaccharide preserves cardiopulmonary and endothelial function after hypothermic circulatory arrest in lambs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000 , 120, 230-7	1.5	20
36	Developmental and neurological status of children at 4 years of age after heart surgery with hypothermic circulatory arrest or low-flow cardiopulmonary bypass. <i>Circulation</i> , 1999 , 100, 526-32	16.7	490
35	ICAM-1 dependent pathway is not involved in the development of neuronal apoptosis after transient focal cerebral ischemia. <i>Brain Research</i> , 1998 , 780, 337-41	3.7	9
34	Neurologic sequelae associated with deep hypothermic circulatory arrest. <i>Annals of Thoracic Surgery</i> , 1998 , 65, S65-9; discussion S69-70, S74-6	2.7	56
33	Perioperative effects of alpha-stat versus pH-stat strategies for deep hypothermic cardiopulmonary bypass in infants. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1997 , 114, 991-1000; discussion 1000-1	1.5	236
32	The limits of detectable cerebral perfusion by transcranial Doppler sonography in neonates undergoing deep hypothermic low-flow cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1997 , 114, 594-600	1.5	48
31	Blockade of selectin-mediated leukocyte adhesion improves postischemic function in lamb hearts. <i>Annals of Thoracic Surgery</i> , 1996 , 62, 1295-300	2.7	32
30	Intercellular adhesion molecule-1-deficient mice are less susceptible to cerebral ischemia-reperfusion injury. <i>Annals of Neurology</i> , 1996 , 39, 618-24	9.4	163
29	Clinical Neurologic and Developmental Studies after Cardiac Surgery Utilizing Hypothermic Circulatory Arrest and Cardiopulmonary Bypass. <i>Developments in Critical Care Medicine and Anesthesiology</i> , 1996 , 247-264		

28	Anti-CD18 attenuates deleterious effects of cardiopulmonary bypass and hypothermic circulatory arrest in piglets. <i>Journal of Cardiac Surgery</i> , 1995 , 10, 407-17	1.3	18
27	Developmental and neurologic status of children after heart surgery with hypothermic circulatory arrest or low-flow cardiopulmonary bypass. <i>New England Journal of Medicine</i> , 1995 , 332, 549-55	59.2	571
26	Comparing two strategies of cardiopulmonary bypass cooling on jugular venous oxygen saturation in neonates and infants. <i>Annals of Thoracic Surgery</i> , 1995 , 60, 1198-202	2.7	34
25	Coagulation factor deficiencies during initiation of extracorporeal membrane oxygenation. <i>Journal of Pediatrics</i> , 1995 , 126, 900-4	3.6	46
24	Adhesion Molecules and Inflammation. <i>Anesthesia and Analgesia</i> , 1995 , 81, 1123-1124	3.9	2
23	Adhesion molecules and inflammation: the next targets for perioperative organ protection?. <i>Anesthesia and Analgesia</i> , 1995 , 81, 1123-4	3.9	4
22	Transcatheter closure of ventricular septal defects: hemodynamic instability and anesthetic management. <i>Anesthesia and Analgesia</i> , 1995 , 80, 1076-82	3.9	11
21	Transcatheter Closure of Ventricular Septal Defects. <i>Anesthesia and Analgesia</i> , 1995 , 80, 1076-1082	3.9	37
20	Postoperative course and hemodynamic profile after the arterial switch operation in neonates and infants. A comparison of low-flow cardiopulmonary bypass and circulatory arrest. <i>Circulation</i> , 1995 , 92, 2226-35	16.7	736
19	Effects of cerebroplegic solutions during hypothermic circulatory arrest and short-term recovery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1994 , 108, 291-301	1.5	16
18	Regional cerebral perfusion abnormalities after cardiac operations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1994 , 107, 1036-1043	1.5	26
17	Cardiopulmonary Bypass, Myocardial Management, and Support Techniques. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1994 , 107, 1183-1192	1.5	54
16	Effects of MK-801 and NBQX on acute recovery of piglet cerebral metabolism after hypothermic circulatory arrest. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1994 , 14, 156-65	7.3	18
15	A comparison of the perioperative neurologic effects of hypothermic circulatory arrest versus low-flow cardiopulmonary bypass in infant heart surgery. <i>New England Journal of Medicine</i> , 1993 , 329, 1057-64	59.2	575
14	Effects of pH on brain energetics after hypothermic circulatory arrest. <i>Annals of Thoracic Surgery</i> , 1993 , 55, 1093-103	2.7	141
13	Clinical neurologic and developmental studies after cardiac surgery utilizing hypothermic circulatory arrest and cardiopulmonary bypass. <i>Cardiology in the Young</i> , 1993 , 3, 308-316	1	15
12	Recovery of cerebral blood flow and energy state in piglets after hypothermic circulatory arrest versus recovery after low-flow bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1993 , 106, 671-685	1.5	35
11	Relation of pH strategy and developmental outcome after hypothermic circulatory arrest. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1993 , 106, 362-368	1.5	135

10	Transcatheter closure of atrial septal defects: hemodynamic complications and anesthetic management. <i>Anesthesia and Analgesia</i> , 1992 , 74, 44-50	3.9	25
9	Coagulation defects in neonates during cardiopulmonary bypass. <i>Annals of Thoracic Surgery</i> , 1992 , 54, 541-6	2.7	184
8	Temperature monitoring during CPB in infants: does it predict efficient brain cooling?. <i>Annals of Thoracic Surgery</i> , 1992 , 54, 749-54	2.7	58
7	Anesthesia for Cardiac Surgery in Newborns with Congenital Heart Disease. <i>Journal of Intensive Care Medicine</i> , 1991 , 6, 153-166	3.3	1
6	High-dose fentanyl reduces intraoperative ventricular fibrillation in neonates with hypoplastic left heart syndrome. <i>Journal of Clinical Anesthesia</i> , 1991 , 3, 295-300	1.9	25
5	The neonate with critical congenital heart disease: Repair a surgical challenge. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1989 , 98, 869-875	1.5	85
4	Deep hypothermic circulatory arrest: a review of pathophysiology and clinical experience as a basis for anesthetic management. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1987 , 1, 137-55		53
3	Anesthetic Complications in Surgery for Congenital Heart Disease. <i>Anesthesia and Analgesia</i> , 1984 , 63, 657-664	3.9	7
2	Fentanyl-and Sufentanil-Oxygen-Pancuronium Anesthesia for Cardiac Surgery in Infants. <i>Anesthesia and Analgesia</i> , 1984 , 63, 117-124	3.9	53
1	History of Anesthesia for Congenital Heart Disease 1-17		