

# Anne-Marie Guerguerian

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

3,069  
citations

186265

28  
h-index

168389

53  
g-index

81  
all docs

81  
docs citations

81  
times ranked

3242  
citing authors

#	ARTICLE	IF	CITATIONS
1	Annual Incidence of Adult and Pediatric In-Hospital Cardiac Arrest in the United States. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019, 12, .	2.2	243
2	Extracorporeal cardiopulmonary resuscitation for cardiac arrest: A systematic review. <i>Resuscitation</i> , 2018, 131, 91-100.	3.0	198
3	Part 10: Pediatric Basic and Advanced Life Support: 2010 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Circulation</i> , 2010, 122, S466-S515.	1.6	190
4	Part 6: Pediatric Basic Life Support and Pediatric Advanced Life Support. <i>Circulation</i> , 2015, 132, S177-203.	1.6	157
5	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations: Summary From the Basic Life Support; Advanced Life Support; Pediatric Life Support; Neonatal Life Support; Education, Implementation, and Teams; and First Aid Task Forces. <i>Circulation</i> . 2019. 140. e826-e880.	1.6	138
6	Pediatric Post-Cardiac Arrest Care: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2019, 140, e194-e233.	1.6	135
7	Continuous Monitoring of Cerebrovascular Pressure Reactivity After Traumatic Brain Injury in Children. <i>Pediatrics</i> , 2009, 124, e1205-e1212.	2.1	122
8	Naloxone for shock. <i>The Cochrane Library</i> , 2003, , CD004443.	2.8	112
9	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Resuscitation</i> , 2019, 145, 95-150.	3.0	110
10	2017 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary. <i>Circulation</i> , 2017, 136, e424-e440.	1.6	104
11	Part 6: Pediatric basic life support and pediatric advanced life support. <i>Resuscitation</i> , 2015, 95, e147-e168.	3.0	98
12	2017 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary. <i>Resuscitation</i> , 2017, 121, 201-214.	3.0	88
13	A systematic review and meta-analysis of the effect of dispatcher-assisted CPR on outcomes from sudden cardiac arrest in adults and children. <i>Resuscitation</i> , 2019, 138, 82-105.	3.0	71
14	2018 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary. <i>Resuscitation</i> , 2018, 133, 194-206.	3.0	58
15	Expression of cyclooxygenases in ductus arteriosus of fetal and newborn pigs. <i>American Journal of Obstetrics and Gynecology</i> , 1998, 179, 1618-1626.	1.3	55
16	Mortality and costs following extracorporeal membrane oxygenation in critically ill adults: a population-based cohort study. <i>Intensive Care Medicine</i> , 2019, 45, 1580-1589.	8.2	54
17	Impact of Hypotension and Low Cerebral Perfusion Pressure on Outcomes in Children Treated with Hypothermia Therapy following Severe Traumatic Brain Injury: A post hoc Analysis of the Hypothermia Pediatric Head Injury Trial. <i>Developmental Neuroscience</i> , 2010, 32, 406-412.	2.0	48
18	Hospital Variation in Survival After Pediatric In-Hospital Cardiac Arrest. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2014, 7, 517-523.	2.2	48

#	ARTICLE	IF	CITATIONS
19	The influence of systemic hemodynamics and oxygen transport on cerebral oxygen saturation in neonates after the Norwood procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 135, 83-90.e2.	0.8	45
20	Developmental Changes in Prostaglandin E <sub>2</sub> Receptor Subtypes in Porcine Ductus Arteriosus. <i>Circulation</i> , 1999, 100, 1751-1756.	1.6	44
21	Extracorporeal Cardiopulmonary Resuscitation: One-Year Survival and Neurobehavioral Outcome Among Infants and Children With In-Hospital Cardiac Arrest*. <i>Critical Care Medicine</i> , 2019, 47, 393-402.	0.9	41
22	Pediatric Life Support. <i>Resuscitation</i> , 2020, 156, A120-A155.	3.0	40
23	Thrombectomy for Acute Stroke in Childhood: A Case Report, Literature Review, and Recommendations. <i>Pediatric Neurology</i> , 2017, 66, 21-27.	2.1	36
24	2018 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary. <i>Circulation</i> , 2018, 138, e714-e730.	1.6	36
25	Pediatric Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Circulation</i> , 2020, 142, S140-S184.	1.6	35
26	A Brain-Computer Interface Based on Bilateral Transcranial Doppler Ultrasound. <i>PLoS ONE</i> , 2011, 6, e24170.	2.5	34
27	Safety and efficacy of ketorolac in children after cardiac surgery. <i>Intensive Care Medicine</i> , 2009, 35, 1584-1592.	8.2	30
28	Heart Rate and Blood Pressure Centile Curves and Distributions by Age of Hospitalized Critically Ill Children. <i>Frontiers in Pediatrics</i> , 2017, 5, 52.	1.9	30
29	Clinical Trials in Pediatric Traumatic Brain Injury: Unique Challenges and Potential Responses. <i>Developmental Neuroscience</i> , 2006, 28, 276-290.	2.0	29
30	Establishing and Sustaining an ECPR Program. <i>Frontiers in Pediatrics</i> , 2018, 6, 152.	1.9	29
31	Seizure Identification by Critical Care Providers Using Quantitative Electroencephalography. <i>Critical Care Medicine</i> , 2018, 46, e1105-e1111.	0.9	29
32	Family presence during resuscitation in paediatric and neonatal cardiac arrest: A systematic review. <i>Resuscitation</i> , 2021, 162, 20-34.	3.0	28
33	Usability of data integration and visualization software for multidisciplinary pediatric intensive care: a human factors approach to assessing technology. <i>BMC Medical Informatics and Decision Making</i> , 2017, 17, 122.	3.0	27
34	Fatigue Following Traumatic Brain Injury in Children and Adolescents: A Longitudinal Follow-Up 6 to 12 Months After Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2018, 33, 200-209.	1.7	26
35	Intensive care unit variables and outcome after pediatric traumatic brain injury: A retrospective study of survivors. <i>Pediatric Critical Care Medicine</i> , 2008, 9, 47-53.	0.5	25
36	Characterisation of serum total tau following paediatric traumatic brain injury: a case-control study. <i>The Lancet Child and Adolescent Health</i> , 2019, 3, 558-567.	5.6	25

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37	Setup and Maintenance of Extracorporeal Life Support Programs. <i>Pediatric Critical Care Medicine</i> , 2013, 14, S84-S93.	0.5	24
38	Neuromuscular conditions associated with malignant hyperthermia in paediatric patients: A 25-year retrospective study. <i>Neuromuscular Disorders</i> , 2016, 26, 201-206.	0.6	24
39	Brain biomarkers and pre-injury cognition are associated with long-term cognitive outcome in children with traumatic brain injury. <i>BMC Pediatrics</i> , 2017, 17, 173.	1.7	24
40	Pediatric Extracorporeal Cardiopulmonary Resuscitation ELSO Guidelines. <i>ASAIO Journal</i> , 2021, 67, 229-237.	1.6	24
41	Pulselessness After Initiation of Cardiopulmonary Resuscitation for Bradycardia in Hospitalized Children. <i>Circulation</i> , 2019, 140, 370-378.	1.6	23
42	Therapy of shock with naloxone. <i>Critical Care Medicine</i> , 1998, 26, 1910-1916.	0.9	23
43	Predicting Fatigue 12 Months after Child Traumatic Brain Injury: Child Factors and Postinjury Symptoms. <i>Journal of the International Neuropsychological Society</i> , 2018, 24, 224-236.	1.8	20
44	Distributions and Behavior of Vital Signs in Critically Ill Children by Admission Diagnosis*. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 115-124.	0.5	19
45	Pilot study to determine the hemodynamic safety and feasibility of magnesium sulfate infusion in children with severe traumatic brain injury*. <i>Pediatric Critical Care Medicine</i> , 2007, 8, 1-9.	0.5	18
46	Paediatric targeted temperature management post cardiac arrest: A systematic review and meta-analysis. <i>Resuscitation</i> , 2019, 139, 65-75.	3.0	18
47	Prevalence of Acute Rehabilitation for Kids in the PICU: A Canadian Multicenter Point Prevalence Study*. <i>Pediatric Critical Care Medicine</i> , 2021, 22, 181-193.	0.5	17
48	Part 6: Pediatric Basic Life Support and Pediatric Advanced Life Support: 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations (Reprint). <i>Pediatrics</i> , 2015, 136, S88-S119.	2.1	15
49	Long-term survival and costs following extracorporeal membrane oxygenation in critically ill children—a population-based cohort study. <i>Critical Care</i> , 2020, 24, 131.	5.8	15
50	Clinical management and functional neuromonitoring in traumatic brain injury in children. <i>Current Opinion in Pediatrics</i> , 2009, 21, 737-744.	2.0	14
51	Serum Biomarkers Help Predict Attention Problems in Critically Ill Children With Traumatic Brain Injury. <i>Pediatric Critical Care Medicine</i> , 2016, 17, 638-648.	0.5	14
52	Cardiopulmonary Resuscitation in the Pediatric Cardiac Catheterization Laboratory. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 1040-1047.	0.5	14
53	Pediatric ECMO Research: The Case for Collaboration. <i>Frontiers in Pediatrics</i> , 2018, 6, 240.	1.9	13
54	Interleukin-8 Predicts Fatigue at 12 Months Post-Injury in Children with Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 1151-1163.	3.4	12

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55	Mechanical cavopulmonary assist maintains pulmonary and cerebral blood flow in a piglet model of a bidirectional cavopulmonary shunt with high pulmonary vascular resistance. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, 355-361.	0.8	11
56	Pediatric Life Support 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Pediatrics</i> , 2021, 147, e2020038505B.	2.1	11
57	Combined Multimodal Cerebral Monitoring and Focused Hemodynamic Assessment in the First 72 h in Extremely Low Gestational Age Infants. <i>Neonatology</i> , 2020, 117, 504-512.	2.0	10
58	Characterization of PGE2 receptors in fetal and newborn ductus arteriosus in the pig. <i>Seminars in Perinatology</i> , 2001, 25, 70-75.	2.5	8
59	Association of Data Integration Technologies With Intensive Care Clinician Performance. <i>JAMA Network Open</i> , 2019, 2, e194392.	5.9	7
60	Focused echocardiography, end-tidal carbon dioxide, arterial blood pressure or near-infrared spectroscopy monitoring during paediatric cardiopulmonary resuscitation: A scoping review. <i>Resuscitation Plus</i> , 2021, 6, 100109.	1.7	7
61	Human Factors Analysis of Latent Safety Threats in a Pediatric Critical Care Unit*. <i>Pediatric Critical Care Medicine</i> , 2022, 23, 151-159.	0.5	7
62	Technology-mediated macrocognition: Investigating how physicians, nurses, and respiratory therapists make critical decisions. <i>Journal of Critical Care</i> , 2019, 53, 132-141.	2.2	6
63	Pediatric timing of epinephrine doses: A systematic review. <i>Resuscitation</i> , 2021, 160, 106-117.	3.0	6
64	A practical approach toward interpretation of amplitude integrated electroencephalography in preterm infants. <i>European Journal of Pediatrics</i> , 2022, 181, 2187-2200.	2.7	6
65	A Novel Mechanical Lung Assist System Sustains Primary Bidirectional Cavopulmonary Shunt Circulation in Pigs. <i>ASAIO Journal</i> , 2007, 53, 720-724.	1.6	5
66	Bedside functional brain imaging in critically-ill children using high-density EEG source modeling and multi-modal sensory stimulation. <i>NeuroImage: Clinical</i> , 2016, 12, 198-211.	2.7	5
67	Kawasaki Disease Shock Syndrome Versus Septic Shock: Early Differentiating Features Despite Overlapping Clinical Profiles. <i>Journal of Pediatrics</i> , 2021, 231, 162-167.	1.8	5
68	An online three-class Transcranial Doppler ultrasound brain computer interface. <i>Neuroscience Research</i> , 2016, 107, 47-56.	1.9	4
69	Mechanically assisted bidirectional cavopulmonary shunt in neonates and infants: An acute human pilot study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 441-447.	0.8	4
70	Convergent parallel mixed-methods study to understand information exchange in paediatric critical care and inform the development of safety-enhancing interventions: a protocol study. <i>BMJ Open</i> , 2018, 8, e023691.	1.9	4
71	Decreased Brain Volumes and Infants With Congenital Heart Disease Undergoing Venoarterial Extracorporeal Membrane Oxygenation. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 738-745.	0.5	4
72	Variability in Prefrontal Hemodynamic Response during Exposure to Repeated Self-Selected Music Excerpts, a Near-Infrared Spectroscopy Study. <i>PLoS ONE</i> , 2015, 10, e0122148.	2.5	2

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73	What is new in the 2015 American Heart Association guidelines, what is recycled from 2010, and what is relevant for emergency medicine in Canada. Canadian Journal of Emergency Medicine, 2016, 18, 223-229.	1.1	1
74	Performance Monitoring in Children Following Traumatic Brain Injury Compared to Typically Developing Children. Child Neurology Open, 2017, 4, 2329048X1773271.	1.1	1
75	Novel Leg Cannula for Venous Decompression in Peripheral Extracorporeal Membrane Oxygenation. Annals of Thoracic Surgery, 2018, 105, e95-e97.	1.3	1
76	Magnetic Resonance Imaging Findings Are Associated with Long-Term Global Neurological Function or Death after Traumatic Brain Injury in Critically Ill Children. Journal of Neurotrauma, 2021, 38, 2407-2418.	3.4	1
77	SAFETY OF KETOROLAC FOR ANALGESIA IN CHILDREN AFTER CARDIAC SURGERY.. Critical Care Medicine, 2006, 34, A152.	0.9	1
78	Why Clinicians Should Adopt Routine Neuroimaging After Extracorporeal Membrane Oxygenation*. Critical Care Medicine, 2022, 50, 528-531.	0.9	1
79	The Sword of Damocles: Family Presence and Extracorporeal Life Support During The COVID-19 Pandemic and Beyond. ASAIO Journal, 2022, Publish Ahead of Print, .	1.6	1
80	CT After Pediatric Out-of-Hospital Cardiac Arrest—Where To Go Next?*. Pediatric Critical Care Medicine, 2015, 16, 590-592.	0.5	0