

Lucas P Neff

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,437
citations

394421

19
h-index

345221

36
g-index

68
all docs

68
docs citations

68
times ranked

956
citing authors

#	ARTICLE	IF	CITATIONS
1	Partial Resuscitative Endovascular Balloon Occlusion of the Aorta in Swine Model of Hemorrhagic Shock. <i>Journal of the American College of Surgeons</i> , 2016, 223, 359-368.	0.5	124
2	Extending the golden hour. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 80, 372-380.	2.1	122
3	Clearly defining pediatric massive transfusion. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 22-29.	2.1	121
4	Vascular smooth muscle enhances functionality of tissue-engineered blood vessels in vivo. <i>Journal of Vascular Surgery</i> , 2011, 53, 426-434.	1.1	84
5	Partial resuscitative balloon occlusion of the aorta (P-REBOA). <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 81, S133-S137.	2.1	82
6	Location is everything: The hemodynamic effects of REBOA in Zone 1 versus Zone 3 of the aorta. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 101-107.	2.1	63
7	The effect of resuscitative endovascular balloon occlusion of the aorta, partial aortic occlusion and aggressive blood transfusion on traumatic brain injury in a swine multiple injuries model. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 61-70.	2.1	61
8	High ratio plasma resuscitation does not improve survival in pediatric trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 211-217.	2.1	55
9	Emerging Endovascular Therapies for Non-Compressible Torso Hemorrhage. <i>Shock</i> , 2016, 46, 12-19.	2.1	51
10	Damage control operations in non-trauma patients: defining criteria for the staged rapid source control laparotomy in emergency general surgery. <i>World Journal of Emergency Surgery</i> , 2016, 11, 10.	5.0	51
11	Extending resuscitative endovascular balloon occlusion of the aorta. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 81, 294-301.	2.1	49
12	Incremental balloon deflation following complete resuscitative endovascular balloon occlusion of the aorta results in steep inflection of flow and rapid reperfusion in a large animal model of hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 139-143.	2.1	46
13	Endovascular variable aortic control (EVAC) versus resuscitative endovascular balloon occlusion of the aorta (REBOA) in a swine model of hemorrhage and ischemia reperfusion injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 519-526.	2.1	40
14	Small changes, big effects. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, 1106-1111.	2.1	36
15	The use of therapeutic plasma exchange (TPE) in the setting of refractory burn shock. <i>Burns</i> , 2010, 36, 372-378.	1.9	32
16	Resuscitative endovascular balloon occlusion of the aorta induced myocardial injury is mitigated by endovascular variable aortic control. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 87, 590-598.	2.1	29
17	Not ready for prime time: Intermittent versus partial resuscitative endovascular balloon occlusion of the aorta for prolonged hemorrhage control in a highly lethal porcine injury model. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 298-304.	2.1	25
18	<p>Massive Transfusion Protocols for Pediatric Patients: Current Perspectives</p>. <i>Journal of Blood Medicine</i> , 2020, Volume 11, 163-172.	1.7	25

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19	Automated variable aortic control versus complete aortic occlusion in a swine model of hemorrhage. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, 694-703.	2.1	23
20	Microlithiasis, endoscopic ultrasound, and children: not just little gallstones in little adults. <i>Journal of Pediatric Surgery</i> , 2011, 46, 462-466.	1.6	19
21	Extracorporeal organ support following trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 75, S120-S129.	2.1	18
22	Resuscitative Endovascular Balloon Occlusion of the Aorta: Review of the Literature and Applications to Veterinary Emergency and Critical Care. <i>Frontiers in Veterinary Science</i> , 2019, 6, 197.	2.2	17
23	Lower extremity cooling reduces ischemia-reperfusion injury following Zone 3 REBOA in a porcine hemorrhage model. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 512-518.	2.1	16
24	Reperfusion repercussions: A review of the metabolic derangements following resuscitative endovascular balloon occlusion of the aorta. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, S39-S44.	2.1	16
25	Endovascular Perfusion Augmentation for Critical Care: Partial Aortic Occlusion for Treatment of Severe Ischemia—Reperfusion Shock. <i>Shock</i> , 2019, 51, 659-666.	2.1	15
26	Referral Patterns in Pediatric Burn Patients. <i>American Surgeon</i> , 2014, 80, 836-840.	0.8	14
27	Cholelithiasis—a new clinical pathway. <i>Translational Gastroenterology and Hepatology</i> , 2021, 6, 35-35.	3.0	14
28	Computerized tomography utilization in children with appendicitis—differences in referring and children's hospitals. <i>American Surgeon</i> , 2011, 77, 1061-5.	0.8	14
29	Elective pediatric surgical care in a forward deployed setting: What is feasible vs. what is reasonable. <i>Journal of Pediatric Surgery</i> , 2016, 51, 409-415.	1.6	12
30	The evolution of pediatric transfusion practice during combat operations 2001-2013. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, S69-S76.	2.1	12
31	Renal effects of three endoaortic occlusion strategies in a swine model of hemorrhagic shock. <i>Injury</i> , 2019, 50, 1908-1914.	1.7	11
32	Severely Elevated Blood Pressure and Early Mortality in Children with Traumatic Brain Injuries: The Neglected End of the Spectrum. <i>Western Journal of Emergency Medicine</i> , 2018, 19, 452-459.	1.1	10
33	Massive Transfusion in Pediatric Patients. <i>Clinics in Laboratory Medicine</i> , 2021, 41, 35-49.	1.4	10
34	Direct-site endovascular repair (DSER). <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 81, S138-S143.	2.1	9
35	Delays in Treatment of Pediatric Appendicitis: A More Accurate Variable for Measuring Pediatric Healthcare Inequalities?. <i>American Surgeon</i> , 2013, 79, 875-881.	0.8	8
36	Evaluation of an evidence-based guideline to reduce CT use in the assessment of blunt pediatric abdominal trauma. <i>Journal of Pediatric Surgery</i> , 2021, 56, 297-301.	1.6	8

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37	Balloon sphincteroplasty in pediatric laparoscopic common bile duct exploration. <i>Journal of Pediatric Surgery</i> , 2021, 56, 825-828.	1.6	8
38	Antegrade balloon sphincteroplasty as an adjunct to laparoscopic common bile duct exploration for the acute care surgeon. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 92, e47-e51.	2.1	8
39	A novel model of highly lethal uncontrolled torso hemorrhage in swine. <i>Journal of Surgical Research</i> , 2017, 218, 306-315.	1.6	7
40	Comparison of direct site endovascular repair utilizing expandable polytetrafluoroethylene stent grafts versus standard vascular shunts in a porcine (<i>Sus scrofa</i>) model. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 457-463.	2.1	7
41	Endocrine Effects of Simulated Complete and Partial Aortic Occlusion in a Swine Model of Hemorrhagic Shock. <i>Military Medicine</i> , 2019, 184, e298-e302.	0.8	7
42	Resuscitative endovascular balloon occlusion of the aorta (REBOA) in a swine model of hemorrhagic shock and blunt thoracic injury. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 1357-1366.	1.7	7
43	Computerized Tomography in the Workup of Pediatric Appendicitis: Why are Children Scanned?. <i>American Surgeon</i> , 2012, 78, 716-721.	0.8	5
44	Pediatric Combat Trauma. <i>Current Trauma Reports</i> , 2016, 2, 247-255.	1.3	5
45	Esmolol reduces myocardial injury induced by resuscitative endovascular balloon occlusion of the aorta (REBOA) in a porcine model of hemorrhagic shock. <i>Injury</i> , 2020, 51, 2165-2171.	1.7	5
46	Does hypertension at initial presentation adversely affect outcomes in pediatric traumatic brain injury?. <i>Journal of Pediatric Surgery</i> , 2020, 55, 702-706.	1.6	4
47	Automated Partial Versus Complete Resuscitative Endovascular Balloon Occlusion of the Aorta for the Management of Hemorrhagic Shock in a Pig Model of Polytrauma: a Randomized Controlled Pilot Study. <i>Military Medicine</i> , 2020, 185, e1923-e1930.	0.8	4
48	Endobronchial Intubation to Facilitate Extraluminal Bronchial Blocker Placement in Young Children: A Retrospective Case Series. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, , .	1.3	3
49	Unmasking the Confounder: The Inherent Physiologic Variability of Swine During an Automated Experimental Model of Ischemia-Reperfusion Injury. <i>American Surgeon</i> , 2022, 88, 1838-1844.	0.8	3
50	Endovascular Perfusion Augmentation for Critical Care Decreases Vasopressor Requirements while Maintaining Renal Perfusion. <i>Shock</i> , 2022, 57, 740-748.	2.1	3
51	Closed-loop automated critical care as proof-of-concept study for resuscitation in a swine model of ischemia-reperfusion injury. <i>Intensive Care Medicine Experimental</i> , 2022, 10, .	1.9	3
52	Resuscitative endovascular balloon occlusion of the aorta during non-ST elevation myocardial infarction: A case report. <i>Trauma</i> , 2019, 21, 147-151.	0.5	2
53	Letter to the Editor Re: Titrate to equilibrate and not exsanguinate!. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, e107-e108.	2.1	2
54	Letter to the editor: Response to letter from Dr. Martin et al: Not ready for prime time: Intermittent versus partial REBOA for prolonged hemorrhage control in a highly lethal porcine injury model. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, e150-e151.	2.1	2

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55	Maintaining Zone 1 Occlusion is a Dynamic Process: The Effects of Proximal Pressure and Blood Transfusion During REBOA. <i>American Surgeon</i> , 2022, 88, 1496-1503.	0.8	2
56	Improving the Culture of Safety: A Prospective Handoff Initiative from the Operating Room to the Trauma Intensive Care Unit. <i>American Surgeon</i> , 2022, 88, 1584-1587.	0.8	2
57	Letter to the editor RE: Intermittent REBOA translational science papers. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 87, e20-e20.	2.1	1
58	Biliary hyperkinesia in adolescentsâ€”it isnâ€™t all hype!. <i>Translational Gastroenterology and Hepatology</i> , 2021, 6, 36-36.	3.0	1
59	Acute kidney injury following resuscitative aortic occlusion. <i>Journal of Endovascular Resuscitation and Trauma Management</i> , 2018, 2, .	0.1	1
60	Automated aortic endovascular balloon volume titration prevents re-arrest immediately after return of spontaneous circulation in a swine model of nontraumatic cardiac arrest. <i>Resuscitation Plus</i> , 2022, 10, 100239.	1.7	1
61	Hardware and software implementation of POCT1-A for integration of point of care testing in research. <i>Journal of Pathology Informatics</i> , 2022, 13, 100096.	1.7	1
62	Re: â€œComparison of Endobronchial Intubation Versus Bronchial Blockade for Elective Pulmonary Lobectomy of Congenital Lung Anomalies in Small Childrenâ€•by Kaplan et al.. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 0, , .	1.0	1
63	A novel antireflux procedure: gastroplasty with restricted antrum to control emesis (GRACE). <i>Journal of Pediatric Surgery</i> , 2012, 47, 99-106.	1.6	0
64	Balloon Sphincteroplasty as an Adjunct to Laparoscopic Common Bile Duct Exploration. <i>Journal of Laparoendoscopic & Advanced Surgical Techniques Part B, Videoscopy</i> , 2020, 30, .	0.2	0
65	A novel research tool for continuous data siphoning of clinical-grade hemodynamic monitors. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1891-1896.	1.6	0
66	Pediatric Normokinetic Biliary Dyskinesia: Pain with Cholecystokinin on Hepatobiliary Iminodiacetic Acid Scan Predictive of Symptom Resolution After Cholecystectomy. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2022, , .	1.0	0