

David A Machado-Aranda

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.

49
papers

9,118
citations

21
h-index

67
g-index

67
ext. papers

11,467
ext. citations

4.2
avg, IF

5.18
L-index

#	Paper	IF	Citations
49	STROCSS 2021: Strengthening the reporting of cohort, cross-sectional and case-control studies in surgery. <i>Annals of Medicine and Surgery</i> , 2021 , 72, 103026	2	27
48	STROCSS 2021: Strengthening the reporting of cohort, cross-sectional and case-control studies in surgery. <i>International Journal of Surgery Open</i> , 2021 , 100430	0.9	22
47	STROCSS 2021: Strengthening the reporting of cohort, cross-sectional and case-control studies in surgery. <i>International Journal of Surgery</i> , 2021 , 96, 106165	7.5	147
46	Surgical Infection Society Research Priorities: A Narrative Review of Fourteen Years of Progress. <i>Surgical Infections</i> , 2021 , 22, 568-582	2	3
45	Resonance Raman Spectroscopy Derived Tissue Hemoglobin Oxygen Saturation in Critically Ill and Injured Patients. <i>Shock</i> , 2021 , 56, 92-97	3.4	1
44	Surgical Infections and the Future of Research: Re-Defining the Research Agenda for the Surgical Infection Society. <i>Surgical Infections</i> , 2021 , 22, 1014-1020	2	1
43	Validation of the American Association for the Surgery of Trauma grading system for acute appendicitis severity. <i>Journal of Trauma and Acute Care Surgery</i> , 2020 , 88, 839-846	3.3	6
42	Toward a hemorrhagic trauma severity score: fusing five physiological biomarkers. <i>Journal of Translational Medicine</i> , 2020 , 18, 348	8.5	4
41	The PROCESS 2020 Guideline: Updating Consensus Preferred Reporting Of CasE Series in Surgery (PROCESS) Guidelines. <i>International Journal of Surgery</i> , 2020 , 84, 231-235	7.5	254
40	The SCARE 2020 Guideline: Updating Consensus Surgical CAse REport (SCARE) Guidelines. <i>International Journal of Surgery</i> , 2020 , 84, 226-230	7.5	2300
39	Complications and resource utilization in trauma patients with diabetes. <i>PLoS ONE</i> , 2019 , 14, e0221414	3.7	2
38	TLR3 absence confers increased survival with improved macrophage activity against pneumonia. <i>JCI Insight</i> , 2019 , 4,	9.9	7
37	STROCSS 2019 Guideline: Strengthening the reporting of cohort studies in surgery. <i>International Journal of Surgery</i> , 2019 , 72, 156-165	7.5	855
36	Hypoxia-Inducible Factor (HIF)-1 Promotes Inflammation and Injury Following Aspiration-Induced Lung Injury in Mice. <i>Shock</i> , 2019 , 52, 612-621	3.4	18
35	Acute Care Surgery Model and Outcomes in Emergency General Surgery. <i>Journal of the American College of Surgeons</i> , 2019 , 228, 21-28.e7	4.4	35
34	Taking Control of Your Surgery: Impact of a Prehabilitation Program on Major Abdominal Surgery. <i>Journal of the American College of Surgeons</i> , 2019 , 228, 72-80	4.4	63
33	Molecular Characterization of Hypoxic Alveolar Epithelial Cells After Lung Contusion Indicates an Important Role for HIF-1. <i>Annals of Surgery</i> , 2018 , 267, 382-391	7.8	8

32	Electroporation-mediated delivery of FER gene enhances innate immune response and improves survival in a murine model of pneumonia. <i>Gene Therapy</i> , 2018 , 25, 359-375	4	6
31	The PROCESS 2018 statement: Updating Consensus Preferred Reporting Of CasE Series in Surgery (PROCESS) guidelines. <i>International Journal of Surgery</i> , 2018 , 60, 279-282	7.5	316
30	The SCARE 2018 statement: Updating consensus Surgical CAse REport (SCARE) guidelines. <i>International Journal of Surgery</i> , 2018 , 60, 132-136	7.5	1971
29	Polymer Lung Surfactants. <i>ACS Applied Bio Materials</i> , 2018 , 1, 581-592	4.1	5
28	An AAST-MITC analysis of pancreatic trauma: Staple or sew? Resect or drain?. <i>Journal of Trauma and Acute Care Surgery</i> , 2018 , 85, 435-443	3.3	22
27	The STROCCS statement: Strengthening the Reporting of Cohort Studies in Surgery. <i>International Journal of Surgery</i> , 2017 , 46, 198-202	7.5	662
26	Benefits of 21% Oxygen Compared with 100% Oxygen for Delivery of Isoflurane to Mice () and Rats (). <i>Journal of the American Association for Laboratory Animal Science</i> , 2017 , 56, 148-154	1.3	7
25	Abdominal pain and faeculent vomiting in a 64-year-old woman. <i>BMJ Case Reports</i> , 2016 , 2016,	0.9	1
24	Electroporation-mediated delivery of the FER gene in the resolution of trauma-related fatal pneumonia. <i>Gene Therapy</i> , 2016 , 23, 785-796	4	9
23	Preferred reporting of case series in surgery; the PROCESS guidelines. <i>International Journal of Surgery</i> , 2016 , 36, 319-323	7.5	311
22	Toll-Like Receptor-9 (TLR9) is Requisite for Acute Inflammatory Response and Injury Following Lung Contusion. <i>Shock</i> , 2016 , 46, 412-9	3.4	8
21	Double-Stranded RNA Interacts With Toll-Like Receptor 3 in Driving the Acute Inflammatory Response Following Lung Contusion. <i>Critical Care Medicine</i> , 2016 , 44, e1054-e1066	1.4	17
20	Diagnostic Limits, Blind Spots, and Pitfalls in CT Imaging of Blunt Abdominal Trauma. <i>Contemporary Diagnostic Radiology</i> , 2016 , 39, 1-6	0.1	1
19	The SCARE Statement: Consensus-based surgical case report guidelines. <i>International Journal of Surgery</i> , 2016 , 34, 180-186	7.5	1507
18	Reduction in Venous Thromboembolism Events: Trauma Performance Improvement and Loop Closure Through Participation in a State-Wide Quality Collaborative. <i>Journal of the American College of Surgeons</i> , 2015 , 221, 661-8	4.4	20
17	Peer review report 3 on A systematic review of laparoscopic versus open abdominal incisional hernia repair, with meta-analysis of randomized controlled trials. <i>International Journal of Surgery</i> , 2015 , 13, S63	7.5	
16	Improvement in acute care surgery medical student education and clerkships: use of feedback and loop closure. <i>Journal of Surgical Research</i> , 2015 , 199, 15-22	2.5	8
15	Peer review report 1 on A pelin attenuates postburn sepsis via a phosphatidylinositol 3-kinase/protein kinase B dependent mechanism: A randomized animal study. <i>International Journal of Surgery</i> , 2015 , 13, S98	7.5	

14	Activation of hypoxia-inducible factor-1 α in type 2 alveolar epithelial cell is a major driver of acute inflammation following lung contusion. <i>Critical Care Medicine</i> , 2014 , 42, e642-53	1.4	30
13	Alveolar macrophage depletion increases the severity of acute inflammation following nonlethal unilateral lung contusion in mice. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 76, 982-90	3.3	18
12	Evidence-based protocol for prophylactic antibiotics in open fractures: improved antibiotic stewardship with no increase in infection rates. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 77, 400-7; discussion 407-8; quiz 524	3.3	71
11	Electroporation-mediated delivery of genes in rodent models of lung contusion. <i>Methods in Molecular Biology</i> , 2014 , 1121, 205-21	1.4	1
10	The protective role of MnTBAP in oxidant-mediated injury and inflammation in a rat model of lung contusion. <i>Surgery</i> , 2013 , 154, 980-90	3.6	22
9	Increased phospholipase A2 and lyso-phosphatidylcholine levels are associated with surfactant dysfunction in lung contusion injury in mice. <i>Surgery</i> , 2013 , 153, 25-35	3.6	19
8	Identification of preoperative risk factors associated with the conversion of laparoscopic to open appendectomies. <i>International Surgery</i> , 2013 , 98, 334-9	0.1	8
7	Role of macrophage chemoattractant protein-1 in acute inflammation after lung contusion. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012 , 46, 797-806	5.7	33
6	Electroporation-mediated in vivo gene delivery of the Na ⁺ /K ⁺ -ATPase pump reduced lung injury in a mouse model of lung contusion. <i>Journal of Trauma</i> , 2012 , 72, 32-9; discussion 39-40		16
5	Prevalence and management of gastrointestinal stromal tumors. <i>American Surgeon</i> , 2009 , 75, 55-60	0.8	13
4	Electroporation-mediated gene transfer of the Na ⁺ ,K ⁺ -ATPase rescues endotoxin-induced lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 582-90	10.2	65
3	Electrical Properties of Biological Tissues - An Impedance Spectroscopy Study 2006 ,		6
2	Gene transfer of the Na ⁺ ,K ⁺ -ATPase beta1 subunit using electroporation increases lung liquid clearance. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 171, 204-11	10.2	62
1	Electroporation as a method for high-level nonviral gene transfer to the lung. <i>Gene Therapy</i> , 2003 , 10, 1608-15	4	110