

# David A Machado-Aranda

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

14,367  
citations

279487

23  
h-index

182168

51  
g-index

67  
all docs

67  
docs citations

67  
times ranked

11550  
citing authors

#	ARTICLE	IF	CITATIONS
1	The SCARE 2020 Guideline: Updating Consensus Surgical CAse REport (SCARE) Guidelines. International Journal of Surgery, 2020, 84, 226-230.	1.1	5,005
2	The SCARE 2018 statement: Updating consensus Surgical CAse REport (SCARE) guidelines. International Journal of Surgery, 2018, 60, 132-136.	1.1	2,111
3	The SCARE Statement: Consensus-based surgical case report guidelines. International Journal of Surgery, 2016, 34, 180-186.	1.1	1,585
4	STROCCS 2019 Guideline: Strengthening the reporting of cohort studies in surgery. International Journal of Surgery, 2019, 72, 156-165.	1.1	1,248
5	STROCCS 2021: Strengthening the reporting of cohort, cross-sectional and case-control studies in surgery. International Journal of Surgery, 2021, 96, 106165.	1.1	938
6	The STROCCS statement: Strengthening the Reporting of Cohort Studies in Surgery. International Journal of Surgery, 2017, 46, 198-202.	1.1	727
7	The PROCESS 2018 statement: Updating Consensus Preferred Reporting Of CasE Series in Surgery (PROCESS) guidelines. International Journal of Surgery, 2018, 60, 279-282.	1.1	602
8	The PROCESS 2020 Guideline: Updating Consensus Preferred Reporting Of CasE Series in Surgery (PROCESS) Guidelines. International Journal of Surgery, 2020, 84, 231-235.	1.1	583
9	Preferred reporting of case series in surgery; the PROCESS guidelines. International Journal of Surgery, 2016, 36, 319-323.	1.1	351
10	Electroporation as a method for high-level nonviral gene transfer to the lung. Gene Therapy, 2003, 10, 1608-1615.	2.3	125
11	STROCCS 2021: Strengthening the reporting of cohort, cross-sectional and case-control studies in surgery. International Journal of Surgery Open, 2021, 37, 100430.	0.2	117
12	Taking Control of Your Surgery: Impact of a Prehabilitation Program on Major Abdominal Surgery. Journal of the American College of Surgeons, 2019, 228, 72-80.	0.2	103
13	Evidence-based protocol for prophylactic antibiotics in open fractures. Journal of Trauma and Acute Care Surgery, 2014, 77, 400-408.	1.1	94
14	STROCCS 2021: Strengthening the reporting of cohort, cross-sectional and case-control studies in surgery. Annals of Medicine and Surgery, 2021, 72, 103026.	0.5	84
15	Electroporation-mediated Gene Transfer of the Na <sup>+</sup> ,K <sup>+</sup> -ATPase Rescues Endotoxin-induced Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 582-590.	2.5	72
16	Gene Transfer of the Na <sup>+</sup> ,K <sup>+</sup> -ATPase $\beta$ 1 Subunit Using Electroporation Increases Lung Liquid Clearance. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 204-211.	2.5	70
17	Acute Care Surgery Model and Outcomes in Emergency General Surgery. Journal of the American College of Surgeons, 2019, 228, 21-28e7.	0.2	47
18	Role of Macrophage Chemoattractant Protein-1 in Acute Inflammation after Lung Contusion. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 797-806.	1.4	38

#	ARTICLE	IF	CITATIONS
19	Activation of Hypoxia-Inducible Factor-1 $\alpha$ in Type 2 Alveolar Epithelial Cell Is a Major Driver of Acute Inflammation Following Lung Contusion*. Critical Care Medicine, 2014, 42, e642-e653.	0.4	37
20	An AAST-MITC analysis of pancreatic trauma: Staple or sew? Resect or drain?. Journal of Trauma and Acute Care Surgery, 2018, 85, 435-443.	1.1	33
21	Hypoxia-Inducible Factor (HIF)-1 $\alpha$ Promotes Inflammation and Injury Following Aspiration-Induced Lung Injury in Mice. Shock, 2019, 52, 612-621.	1.0	30
22	Reduction in Venous Thromboembolism Events: Trauma Performance Improvement and Loop Closure Through Participation in a State-Wide Quality Collaborative. Journal of the American College of Surgeons, 2015, 221, 661-668.	0.2	27
23	Alveolar macrophage depletion increases the severity of acute inflammation following nonlethal unilateral lung contusion in mice. Journal of Trauma and Acute Care Surgery, 2014, 76, 982-990.	1.1	26
24	The protective role of MnTBAP in oxidant-mediated injury and inflammation in a rat model of lung contusion. Surgery, 2013, 154, 980-990.	1.0	25
25	Increased phospholipase A2 and lyso-phosphatidylcholine levels are associated with surfactant dysfunction in lung contusion injury in mice. Surgery, 2013, 153, 25-35.	1.0	24
26	Double-Stranded RNA Interacts With Toll-Like Receptor 3 in Driving the Acute Inflammatory Response Following Lung Contusion. Critical Care Medicine, 2016, 44, e1054-e1066.	0.4	24
27	Electroporation-mediated in vivo gene delivery of the Na <sup>+</sup> /K <sup>+</sup> -ATPase pump reduced lung injury in a mouse model of lung contusion. Journal of Trauma, 2012, 72, 32-40.	2.3	18
28	TLR3 absence confers increased survival with improved macrophage activity against pneumonia. JCI Insight, 2019, 4, .	2.3	18
29	Polymer Lung Surfactants. ACS Applied Bio Materials, 2018, 1, 581-592.	2.3	17
30	Molecular Characterization of Hypoxic Alveolar Epithelial Cells After Lung Contusion Indicates an Important Role for HIF-1 $\alpha$ . Annals of Surgery, 2018, 267, 382-391.	2.1	16
31	Electroporation-mediated delivery of FER gene enhances innate immune response and improves survival in a murine model of pneumonia. Gene Therapy, 2018, 25, 359-375.	2.3	16
32	Prevalence and management of gastrointestinal stromal tumors. American Surgeon, 2009, 75, 55-60.	0.4	15
33	Validation of the American Association for the Surgery of Trauma grading system for acute appendicitis severity. Journal of Trauma and Acute Care Surgery, 2020, 88, 839-846.	1.1	14
34	Identification of Preoperative Risk Factors Associated With the Conversion of Laparoscopic to Open Appendectomies. International Surgery, 2013, 98, 334-339.	0.0	12
35	Electroporation-mediated delivery of the FER gene in the resolution of trauma-related fatal pneumonia. Gene Therapy, 2016, 23, 785-796.	2.3	12
36	Electrical Properties of Biological Tissues - An Impedance Spectroscopy Study. , 2006, , .		10

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37	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.	0.8	9
38	Toll-Like Receptor-9 (TLR9) is Requisite for Acute Inflammatory Response and Injury Following Lung Contusion. <i>Shock</i> , 2016, 46, 412-419.	1.0	9
39	Toward a hemorrhagic trauma severity score: fusing five physiological biomarkers. <i>Journal of Translational Medicine</i> , 2020, 18, 348.	1.8	9
40	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.	0.6	9
41	Complications and resource utilization in trauma patients with diabetes. <i>PLoS ONE</i> , 2019, 14, e0221414.	1.1	8
42	Analysis of Outcomes Associated With Outpatient Management of Nonoperatively Treated Patients With Appendicitis. <i>JAMA Network Open</i> , 2022, 5, e2220039.	2.8	8
43	Self-selection vs Randomized Assignment of Treatment for Appendicitis. <i>JAMA Surgery</i> , 0, , .	2.2	6
44	Resonance Raman Spectroscopy Derived Tissue Hemoglobin Oxygen Saturation in Critically Ill and Injured Patients. <i>Shock</i> , 2020, Publish Ahead of Print, 92-97.	1.0	4
45	Electroporation-Mediated Delivery of Genes in Rodent Models of Lung Contusion. <i>Methods in Molecular Biology</i> , 2014, 1121, 205-221.	0.4	3
46	Surgical Infection Society Research Priorities: A Narrative Review of Fourteen Years of Progress. <i>Surgical Infections</i> , 2021, 22, 568-582.	0.7	3
47	Frailty as a Predictor of Colonoscopic Procedural Risk: Robust Associations from Fragile Patients. <i>Digestive Diseases and Sciences</i> , 2018, 63, 3159-3160.	1.1	2
48	Do you eat Tacos, Arepas, Ropa Vieja, Arroz con Gandules, Feijoada o Bife de Chorizo? The complicating label of "Hispanic" for medical association purposes. <i>American Journal of Surgery</i> , 2021, 222, 490-491.	0.9	2
49	Abdominal pain and faeculent vomiting in a 64-year-old woman. <i>BMJ Case Reports</i> , 2016, 2016, bcr2015212826.	0.2	1
50	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
51	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.	0.7	1
52	Electro-gene transfer of the b1 Na+, K+-ATPase pump in lipopolysaccharide (LPS) injured murine lungs. <i>Journal of the American College of Surgeons</i> , 2006, 203, S26-S27.	0.2	0
53	Gene Expression Profile In Lung Contusion. <i>Journal of Surgical Research</i> , 2011, 165, 183.	0.8	0
54	Toll Like Receptor-3 (TLR-3) Is Required For Acute Inflammatory Response And Injury In Mice Following Lung Contusion. , 2012, , .		0

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55	Peer review report 1 on "Apelin attenuates postburn sepsis via a phosphatidylinositol 3-kinase/protein kinase B dependent mechanism: A randomized animal study". International Journal of Surgery, 2015, 13, S98.	1.1	0
56	Peer review report 3 on "A systematic review of laparoscopic versus open abdominal incisional hernia repair, with meta-analysis of randomized controlled trials". International Journal of Surgery, 2015, 13, S63.	1.1	0
57	173. Electroporation-Mediated FER Gene Delivery in the Resolution of Severe Gram Negative Pneumonia. Molecular Therapy, 2016, 24, S67-S68.	3.7	0
58	Peer review report 1 on "Comparing the endothelialisation of extracellular matrix bioscaffolds with coated synthetic vascular graft materials". International Journal of Surgery, 2016, 25, 18.	1.1	0
59	Peer review report 2 on "Risk factors for contrast-induced nephropathy and their association with mortality in patients with blunt splenic injuries". International Journal of Surgery, 2017, 37, 95.	1.1	0
60	1549: INTERDISCIPLINARY TEAM TRAINING WITHIN A TRAUMA/BURN-DEDICATED INTENSIVE CARE UNIT: A PILOT STUDY. Critical Care Medicine, 2018, 46, 759-759.	0.4	0
61	Improving patient selection in Living-Donor Liver transplantation: Prognostication with pre-transplant 18-fluoro-deoxyglucose Positron Emission Tomography. International Journal of Surgery, 2019, 72, 115-116.	1.1	0
62	What's New in Shock, August 2019?. Shock, 2019, 52, 143-145.	1.0	0
63	771. Critical Care Medicine, 2012, 40, 1-328.	0.4	0
64	Non Viral Gene Therapy Education For Lung Diseases Through Multimedia. , 0, , .		0