

# James W Suliburk

## List of Publications by Citations

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74  
papers

2,093  
citations

28  
h-index

44  
g-index

84  
ext. papers

2,490  
ext. citations

3.5  
avg, IF

4.86  
L-index

#	Paper	IF	Citations
74	Nondestructive tissue analysis for ex vivo and in vivo cancer diagnosis using a handheld mass spectrometry system. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	197
73	TEG-guided resuscitation is superior to standardized MTP resuscitation in massively transfused penetrating trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2013</b> , 74, 378-85; discussion 385-6	3.3	136
72	Vacuum-assisted wound closure achieves early fascial closure of open abdomens after severe trauma. <i>Journal of Trauma</i> , <b>2003</b> , 55, 1155-60; discussion 1160-1		111
71	Early cytokine production risk stratifies trauma patients for multiple organ failure. <i>Journal of the American College of Surgeons</i> , <b>2009</b> , 209, 320-31	4.4	90
70	CORRECTING GLUTATHIONE DEFICIENCY AND MITOCHONDRIAL DYSFUNCTION IN OLDER HUMANS: A RANDOMIZED CLINICAL TRIAL. <i>Innovation in Aging</i> , <b>2019</b> , 3, S416-S416	0.1	78
69	CORRECTING GLUTATHIONE DEFICIENCY REVERSES MITOCHONDRIAL DYSFUNCTION AND ACCELERATED AGING IN PATIENTS WITH HIV. <i>Innovation in Aging</i> , <b>2019</b> , 3, S549-S549	0.1	78
68	Bilateral transversus abdominis plane block does not decrease postoperative pain after laparoscopic cholecystectomy when compared with local anesthetic infiltration of trocar insertion sites. <i>Regional Anesthesia and Pain Medicine</i> , <b>2012</b> , 37, 188-92	3.4	74
67	Human adipose tissue as a reservoir for memory CD4+ T cells and HIV. <i>Aids</i> , <b>2015</b> , 29, 667-74	3.5	71
66	Primary hyperparathyroidism. <i>Oncologist</i> , <b>2007</b> , 12, 644-53	5.7	59
65	Lipopolysaccharide (LPS) induced iNOS expression and gastric injury: Role for prostaglandins (PGs). <i>Journal of the American College of Surgeons</i> , <b>2004</b> , 199, 23-24	4.4	56
64	Training future surgical scientists: realities and recommendations. <i>Annals of Surgery</i> , <b>2008</b> , 247, 741-9	7.8	51
63	Ketamine attenuates liver injury attributed to endotoxemia: role of cyclooxygenase-2. <i>Surgery</i> , <b>2005</b> , 138, 134-40	3.6	50
62	Cardiolipins Are Biomarkers of Mitochondria-Rich Thyroid Oncocytic Tumors. <i>Cancer Research</i> , <b>2016</b> , 76, 6588-6597	10.1	49
61	Use of Twitter to document the 2013 Academic Surgical Congress. <i>Journal of Surgical Research</i> , <b>2014</b> , 190, 36-40	2.5	46
60	1000 minimally invasive parathyroidectomies without intra-operative parathyroid hormone measurement: lessons learned. <i>ANZ Journal of Surgery</i> , <b>2011</b> , 81, 362-5	1	42
59	The gut in systemic inflammatory response syndrome and sepsis. Enzyme systems fighting multiple organ failure. <i>European Surgical Research</i> , <b>2008</b> , 40, 184-9	1.1	42
58	Detection of Metastatic Breast and Thyroid Cancer in Lymph Nodes by Desorption Electrospray Ionization Mass Spectrometry Imaging. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2017</b> , 28, 1166-1174	3.5	41

57	Parathyroid autotransplantation. <i>Endocrine Practice</i> , <b>2011</b> , 17 Suppl 1, 83-9	3.2	40
56	Sutureless total thyroidectomy: a safe and cost-effective alternative. <i>ANZ Journal of Surgery</i> , <b>2011</b> , 81, 510-4	1	40
55	Diagnostic errors related to acute abdominal pain in the emergency department. <i>Emergency Medicine Journal</i> , <b>2016</b> , 33, 253-9	1.5	38
54	Intraoperative hypotensive resuscitation for patients undergoing laparotomy or thoracotomy for trauma: Early termination of a randomized prospective clinical trial. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2016</b> , 80, 886-96	3.3	36
53	Analysis of Human Performance Deficiencies Associated With Surgical Adverse Events. <i>JAMA Network Open</i> , <b>2019</b> , 2, e198067	10.4	36
52	Utility of routine postoperative visit after appendectomy and cholecystectomy with evaluation of mobile technology access in an urban safety net population. <i>Journal of Surgical Research</i> , <b>2014</b> , 190, 478-385	3.5	32
51	Parathyroid carcinoma: increasing incidence and changing presentation. <i>ANZ Journal of Surgery</i> , <b>2011</b> , 81, 528-32	1	30
50	Adrenal incidentalomas: risk of adrenocortical carcinoma and clinical outcomes. <i>Journal of Surgical Oncology</i> , <b>2010</b> , 102, 450-3	2.8	30
49	Mixed-Methods Analysis of Factors Impacting Use of a Postoperative mHealth App. <i>JMIR MHealth and UHealth</i> , <b>2017</b> , 5, e11	5.5	30
48	Ketamine-induced gastroprotection during endotoxemia: role of heme-oxygenase-1. <i>Digestive Diseases and Sciences</i> , <b>2006</b> , 51, 1571-81	4	29
47	Clinical significance of distinguishing between follicular lesion and follicular neoplasm in thyroid fine-needle aspiration biopsy. <i>Annals of Surgical Oncology</i> , <b>2009</b> , 16, 3146-53	3.1	28
46	Diagnosis and Management of Primary Hyperparathyroidism Across the Veterans Affairs Health Care System. <i>JAMA Internal Medicine</i> , <b>2019</b> , 179, 1220-1227	11.5	26
45	Conventional dose hypertonic saline provides optimal gut protection and limits remote organ injury after gut ischemia reperfusion. <i>Journal of Trauma</i> , <b>2006</b> , 61, 66-73; discussion 73-4		26
44	Adipocytes impair efficacy of antiretroviral therapy. <i>Antiviral Research</i> , <b>2018</b> , 154, 140-148	10.8	25
43	Differential effects of anesthetics on endotoxin-induced liver injury. <i>Journal of Trauma</i> , <b>2005</b> , 58, 711-6; discussion 716-7		24
42	Readmission following open ventral hernia repair: incidence, indications, and predictors. <i>American Journal of Surgery</i> , <b>2013</b> , 206, 942-8; discussion 948-9	2.7	21
41	Surgical follow-up costs disproportionately impact low-income patients. <i>Journal of Surgical Research</i> , <b>2015</b> , 199, 32-8	2.5	20
40	Population-level outcomes of early versus delayed appendectomy for acute appendicitis using the American College of Surgeons National Surgical Quality Improvement Program. <i>Journal of Surgical Research</i> , <b>2018</b> , 229, 234-242	2.5	19

39	Surgical management of well-differentiated thyroid cancer: state of the art. <i>Surgical Clinics of North America</i> , <b>2009</b> , 89, 1171-91	4	19
38	Fewer adverse events after reoperative parathyroidectomy associated with initial minimally invasive parathyroidectomy. <i>American Journal of Surgery</i> , <b>2014</b> , 208, 850-855	2.7	18
37	Will Ambient Ionization Mass Spectrometry Become an Integral Technology in the Operating Room of the Future?. <i>Clinical Chemistry</i> , <b>2016</b> , 62, 1172-4	5.5	17
36	Preoperative metabolic classification of thyroid nodules using mass spectrometry imaging of fine-needle aspiration biopsies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 21401-21408	11.5	16
35	Thyroid lobectomy for indeterminate FNA: not without consequences. <i>Journal of Surgical Research</i> , <b>2013</b> , 184, 189-92	2.5	16
34	Sutureless thyroidectomy: surgical technique. <i>ANZ Journal of Surgery</i> , <b>2011</b> , 81, 515-8	1	15
33	Assessment and standardization of resident handoff practices: PACT project. <i>Journal of Surgical Research</i> , <b>2013</b> , 184, 71-7	2.5	14
32	Endovascular management of traumatic peripheral arterial injuries. <i>Journal of Surgical Research</i> , <b>2015</b> , 199, 557-63	2.5	13
31	The initial trauma center fluid management of penetrating injury: a systematic review. <i>Clinical Orthopaedics and Related Research</i> , <b>2013</b> , 471, 3961-73	2.2	13
30	Osseous Manifestations of Primary Hyperparathyroidism: Imaging Findings. <i>International Journal of Endocrinology</i> , <b>2020</b> , 2020, 3146535	2.7	12
29	Ketamine inhibits lipopolysaccharide (LPS) induced gastric luminal fluid accumulation. <i>Journal of Surgical Research</i> , <b>2005</b> , 127, 203-7	2.5	11
28	IMAGING LOCALIZATION AND SURGICAL APPROACH IN THE MANAGEMENT OF ECTOPIC PARATHYROID ADENOMAS. <i>Endocrine Practice</i> , <b>2018</b> , 24, 589-598	3.2	11
27	Rapid diagnosis and tumor margin assessment during pancreatic cancer surgery with the MasSpec Pen technology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	10
26	PulseCam: a camera-based, motion-robust and highly sensitive blood perfusion imaging modality. <i>Scientific Reports</i> , <b>2020</b> , 10, 4825	4.9	9
25	Ketamine-induced hepatoprotection: the role of heme oxygenase-1. <i>American Journal of Physiology - Renal Physiology</i> , <b>2009</b> , 296, G1360-9	5.1	9
24	Effect of NOS inhibition on rat gastric matrix metalloproteinase production during endotoxemia. <i>Shock</i> , <b>2006</b> , 25, 507-14	3.4	9
23	Rat gastric injury after lipopolysaccharide: role of inducible nitric oxide synthase. <i>Surgery</i> , <b>2005</b> , 138, 523-9	3.6	9
22	Time-dependent aggravation or attenuation of lipopolysaccharide-induced gastric injury by nitric oxide synthase inhibition. <i>Journal of Surgical Research</i> , <b>2005</b> , 129, 265-71	2.5	8

21	Hypertonic saline resuscitation after mesenteric ischemia/reperfusion induces ileal apoptosis. <i>Journal of Trauma</i> , <b>2005</b> , 59, 1092-8		7
20	Supplementing Glycine and N-acetylcysteine (GlyNAC) in Aging HIV Patients Improves Oxidative Stress, Mitochondrial Dysfunction, Inflammation, Endothelial Dysfunction, Insulin Resistance, Genotoxicity, Strength, and Cognition: Results of an Open-Label Clinical Trial. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	7
19	PulseCam: high-resolution blood perfusion imaging using a camera and a pulse oximeter. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2016</b> , 2016, 3904-3909	0.9	6
18	Effects of lipopolysaccharide on gastric stasis: role of cyclooxygenase. <i>Digestive Diseases and Sciences</i> , <b>2006</b> , 51, 754-65	4	6
17	A Novel Surgical Patient Engagement Model: A Qualitative Study of Postoperative Patients. <i>Journal of Surgical Research</i> , <b>2020</b> , 248, 82-89	2.5	6
16	Complications of emergency center thoracotomy. <i>Texas Heart Institute Journal</i> , <b>2012</b> , 39, 876-7	0.8	5
15	Constructing post-surgical discharge instructions through a Delphi consensus methodology. <i>Patient Education and Counseling</i> , <b>2018</b> , 101, 917-925	3.1	4
14	Use of Game Theory to model patient engagement after surgery: a qualitative analysis. <i>Journal of Surgical Research</i> , <b>2018</b> , 221, 69-76	2.5	3
13	Ideal timing of early cholecystectomy for acute cholecystitis: An ACS-NSQIP review. <i>American Journal of Surgery</i> , <b>2019</b> , 218, 1084-1089	2.7	3
12	Ketamine attenuates early lipopolysaccharide-induced gastric dysfunction: role of stress-inducible phosphoproteins. <i>Journal of Trauma</i> , <b>2007</b> , 62, 316-9		3
11	Blunt versus penetrating trauma: Is there a resource intensity discrepancy?. <i>American Journal of Surgery</i> , <b>2019</b> , 218, 1201-1205	2.7	2
10	Durability of focused minimally invasive parathyroidectomy in young patients with sporadic primary hyperparathyroidism. <i>Annals of Surgical Oncology</i> , <b>2011</b> , 18, 1290-2	3.1	2
9	Effects of long term exposure to lipopolysaccharide on gastric injury and iNOS production. <i>Journal of the American College of Surgeons</i> , <b>2004</b> , 199, 22	4.4	2
8	A call for standardization: Practice patterns and management of critical illness-related corticosteroid insufficiency in surgical intensive care units. <i>Injury</i> , <b>2021</b> , 52, 2522-2525	2.5	2
7	Which handheld should I buy?. <i>Journal of Surgical Education</i> , <b>2003</b> , 60, 75-6		1
6	Handheld medicine--handheld software to ease the day and improve patient care. <i>Journal of Surgical Education</i> , <b>2003</b> , 60, 176-7; discussion 177		1
5	Clinical Translation and Evaluation of a Handheld and Biocompatible Mass Spectrometry Probe for Surgical Use. <i>Clinical Chemistry</i> , <b>2021</b> , 67, 1271-1280	5.5	0
4	Pancreatic Differentiation of Stem Cells Reveals Pathogenesis of a Syndrome of Ketosis-Prone Diabetes. <i>Diabetes</i> , <b>2021</b> , 70, 2419-2429	0.9	

- 3 Unexpected Persistently Increased Intraoperative Parathyroid Hormone Concentrations in a Patient with Primary Hyperparathyroidism. *Clinical Chemistry*, **2021**, 67, 1182-1186 5.5
- 2 Continuous Diffusion of Oxygen Adjunct Therapy to Improve Scar Reduction after Cervicotomy - A Proof of Concept Randomized Controlled Trial. *Journal of Surgical Research*, **2021**, 268, 585-594 2.5
- 1 Association of Level I and II Trauma Center Expansion With Insurer Payments in Texas From 2011 to 2019.. *JAMA Network Open*, **2022**, 5, e222912 10.4