

Raul S Coimbra

List of Publications by Citations

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423
papers

14,806
citations

60
h-index

102
g-index

455
ext. papers

17,624
ext. citations

4.1
avg, IF

6.06
L-index

#	Paper	IF	Citations
4 ²³	Both hypoxemia and extreme hyperoxemia may be detrimental in patients with severe traumatic brain injury. <i>Journal of Neurotrauma</i> , 2009 , 26, 2217-23	5.4	675
4 ²²	Traumatic brain injury and intestinal dysfunction: uncovering the neuro-enteric axis. <i>Journal of Neurotrauma</i> , 2009 , 26, 1353-9	5.4	574
4 ²¹	Trial of short-course antimicrobial therapy for intraabdominal infection. <i>New England Journal of Medicine</i> , 2015 , 372, 1996-2005	59.2	375
4 ²⁰	Out-of-hospital hypertonic resuscitation after traumatic hypovolemic shock: a randomized, placebo controlled trial. <i>Annals of Surgery</i> , 2011 , 253, 431-41	7.8	216
4 ¹⁹	Out-of-hospital hypertonic resuscitation following severe traumatic brain injury: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 304, 1455-64	27.4	203
4 ¹⁸	WSES Jerusalem guidelines for diagnosis and treatment of acute appendicitis. <i>World Journal of Emergency Surgery</i> , 2016 , 11, 34	9.2	198
4 ¹⁷	The effect of age on functional outcome in mild traumatic brain injury: 6-month report of a prospective multicenter trial. <i>Journal of Trauma</i> , 2004 , 56, 1042-8		192
4 ¹⁶	2013 WSES guidelines for management of intra-abdominal infections. <i>World Journal of Emergency Surgery</i> , 2013 , 8, 3	9.2	184
4 ¹⁵	Diagnosis and treatment of acute appendicitis: 2020 update of the WSES Jerusalem guidelines. <i>World Journal of Emergency Surgery</i> , 2020 , 15, 27	9.2	184
4 ¹⁴	2016 WSES guidelines on acute calculous cholecystitis. <i>World Journal of Emergency Surgery</i> , 2016 , 11, 25	9.2	176
4 ¹³	Practice patterns and outcomes of retrievable vena cava filters in trauma patients: an AAST multicenter study. <i>Journal of Trauma</i> , 2007 , 62, 17-24; discussion 24-5		171
4 ¹²	The management of intra-abdominal infections from a global perspective: 2017 WSES guidelines for management of intra-abdominal infections. <i>World Journal of Emergency Surgery</i> , 2017 , 12, 29	9.2	170
4 ¹¹	Hypertonic saline resuscitation diminishes lung injury by suppressing neutrophil activation after hemorrhagic shock. <i>Shock</i> , 1998 , 9, 164-70	3.4	169
4 ¹⁰	Integrated imaging approach with MEG and DTI to detect mild traumatic brain injury in military and civilian patients. <i>Journal of Neurotrauma</i> , 2009 , 26, 1213-26	5.4	165
4 ⁰⁹	Pelvic trauma: WSES classification and guidelines. <i>World Journal of Emergency Surgery</i> , 2017 , 12, 5	9.2	158
4 ⁰⁸	Complicated intra-abdominal infections worldwide: the definitive data of the CIAOW Study. <i>World Journal of Emergency Surgery</i> , 2014 , 9, 37	9.2	158
4 ⁰⁷	Western Trauma Association critical decisions in trauma: resuscitative thoracotomy. <i>Journal of Trauma and Acute Care Surgery</i> , 2012 , 73, 1359-63	3.3	156

406	Hypertonic saline resuscitation decreases susceptibility to sepsis after hemorrhagic shock. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 42, 602-6; discussion 606-7	9.4	154
405	HYPERTONIC SALINE RESUSCITATION. <i>Shock</i> , 1997 , 8, 235-241	3.4	152
404	Current management of hemorrhage from severe pelvic fractures: Results of an American Association for the Surgery of Trauma multi-institutional trial. <i>Journal of Trauma and Acute Care Surgery</i> , 2016 , 80, 717-23; discussion 723-5	3.3	136
403	Diagnosis and monitoring of hemorrhagic shock during the initial resuscitation of multiple trauma patients: a review. <i>Journal of Emergency Medicine</i> , 2003 , 24, 413-22	1.5	131
402	Splenic trauma: WSES classification and guidelines for adult and pediatric patients. <i>World Journal of Emergency Surgery</i> , 2017 , 12, 40	9.2	124
401	The role of associated injuries on outcome of blunt trauma patients sustaining pelvic fractures. <i>Injury</i> , 2000 , 31, 677-82	2.5	121
400	Bologna guidelines for diagnosis and management of adhesive small bowel obstruction (ASBO): 2017 update of the evidence-based guidelines from the world society of emergency surgery ASBO working group. <i>World Journal of Emergency Surgery</i> , 2018 , 13, 24	9.2	119
399	Long-term posttraumatic stress disorder persists after major trauma in adolescents: new data on risk factors and functional outcome. <i>Journal of Trauma</i> , 2005 , 58, 764-9; discussion 769-71		117
398	WSES Guidelines for the management of acute left sided colonic diverticulitis in the emergency setting. <i>World Journal of Emergency Surgery</i> , 2016 , 11, 37	9.2	115
397	Hypertonic saline resuscitation restores hemorrhage-induced immunosuppression by decreasing prostaglandin E2 and interleukin-4 production. <i>Journal of Surgical Research</i> , 1996 , 64, 203-9	2.5	111
396	The open abdomen in trauma and non-trauma patients: WSES guidelines. <i>World Journal of Emergency Surgery</i> , 2018 , 13, 7	9.2	110
395	Vagal nerve stimulation protects against burn-induced intestinal injury through activation of enteric glia cells. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 299, G1308-18	5.1	108
394	Defining the limits of resuscitative emergency department thoracotomy: a contemporary Western Trauma Association perspective. <i>Journal of Trauma</i> , 2011 , 70, 334-9		107
393	Surgical strategies for management of the open abdomen. <i>World Journal of Surgery</i> , 2012 , 36, 497-510	3.3	104
392	The role of the open abdomen procedure in managing severe abdominal sepsis: WSES position paper. <i>World Journal of Emergency Surgery</i> , 2015 , 10, 35	9.2	103
391	2017 WSES guidelines on colon and rectal cancer emergencies: obstruction and perforation. <i>World Journal of Emergency Surgery</i> , 2018 , 13, 36	9.2	100
390	Independent predictors of enteric fistula and abdominal sepsis after damage control laparotomy: results from the prospective AAST Open Abdomen registry. <i>JAMA Surgery</i> , 2013 , 148, 947-54	5.4	99
389	Western Trauma Association critical decisions in trauma: penetrating neck trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 75, 936-40	3.3	96

388	Antimicrobials: a global alliance for optimizing their rational use in intra-abdominal infections (AGORA). <i>World Journal of Emergency Surgery</i> , 2016 , 11, 33	9.2	95
387	Management of penetrating pancreatic trauma: an 11-year experience of a level-1 trauma center. <i>Injury</i> , 2001 , 32, 753-9	2.5	92
386	2018 WSES/SIS-E consensus conference: recommendations for the management of skin and soft-tissue infections. <i>World Journal of Emergency Surgery</i> , 2018 , 13, 58	9.2	92
385	Recovery at one year following isolated traumatic brain injury: a Western Trauma Association prospective multicenter trial. <i>Journal of Trauma</i> , 2005 , 59, 1298-304; discussion 1304		91
384	Global validation of the WSES Sepsis Severity Score for patients with complicated intra-abdominal infections: a prospective multicentre study (WISS Study). <i>World Journal of Emergency Surgery</i> , 2015 , 10, 61	9.2	89
383	Prospective Observational Study on acute Appendicitis Worldwide (POSAW). <i>World Journal of Emergency Surgery</i> , 2018 , 13, 19	9.2	84
382	Inter-site and inter-scanner diffusion MRI data harmonization. <i>NeuroImage</i> , 2016 , 135, 311-23	7.9	84
381	European Society of Trauma and Emergency Surgery (ESTES) recommendations for trauma and emergency surgery preparation during times of COVID-19 infection. <i>European Journal of Trauma and Emergency Surgery</i> , 2020 , 46, 505-510	2.3	84
380	An automatic MEG low-frequency source imaging approach for detecting injuries in mild and moderate TBI patients with blast and non-blast causes. <i>NeuroImage</i> , 2012 , 61, 1067-82	7.9	81
379	Immune dysfunction in trauma. <i>Surgical Clinics of North America</i> , 1999 , 79, 1385-416	4	80
378	LPS-induced acute lung injury is attenuated by phosphodiesterase inhibition: effects on proinflammatory mediators, metalloproteinases, NF-kappaB, and ICAM-1 expression. <i>Journal of Trauma</i> , 2006 , 60, 115-25		77
377	2017 update of the WSES guidelines for emergency repair of complicated abdominal wall hernias. <i>World Journal of Emergency Surgery</i> , 2017 , 12, 37	9.2	76
376	World Society of Emergency Surgery (WSES) guidelines for management of skin and soft tissue infections. <i>World Journal of Emergency Surgery</i> , 2014 , 9, 57	9.2	76
375	Targeting $\alpha 7$ nicotinic acetylcholine receptor in the enteric nervous system: a cholinergic agonist prevents gut barrier failure after severe burn injury. <i>American Journal of Pathology</i> , 2012 , 181, 478-86	5.8	76
374	Blunt traumatic occult pneumothorax: is observation safe?--results of a prospective, AAST multicenter study. <i>Journal of Trauma</i> , 2011 , 70, 1019-23; discussion 1023-5		74
373	Burn-induced gut barrier injury is attenuated by phosphodiesterase inhibition: effects on tight junction structural proteins. <i>Shock</i> , 2009 , 31, 416-22	3.4	74
372	Dose adjusting enoxaparin is necessary to achieve adequate venous thromboembolism prophylaxis in trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 74, 128-33; discussion 134-5	3.3	69
371	Does sexual dimorphism influence outcome of traumatic brain injury patients? The answer is no!. <i>Journal of Trauma</i> , 2003 , 54, 689-700		67

370	Abdominal damage control surgery and reconstruction: world society of emergency surgery position paper. <i>World Journal of Emergency Surgery</i> , 2013 , 8, 53	9.2	66
369	The splenic injury outcomes trial: An American Association for the Surgery of Trauma multi-institutional study. <i>Journal of Trauma and Acute Care Surgery</i> , 2015 , 79, 335-42	3.3	66
368	Osmotic regulation of cell function and possible clinical applications. <i>Shock</i> , 2004 , 21, 391-400	3.4	65
367	The epidemiology of serious and fatal injury in San Diego County over an 11-year period. <i>Journal of Trauma</i> , 2004 , 56, 68-75		64
366	Prehospital airway and ventilation management: a trauma score and injury severity score-based analysis. <i>Journal of Trauma</i> , 2010 , 69, 294-301		63
365	A proposal for a CT driven classification of left colon acute diverticulitis. <i>World Journal of Emergency Surgery</i> , 2015 , 10, 3	9.2	61
364	WSES guidelines for management of Clostridium difficile infection in surgical patients. <i>World Journal of Emergency Surgery</i> , 2015 , 10, 38	9.2	60
363	2019 update of the WSES guidelines for management of () infection in surgical patients. <i>World Journal of Emergency Surgery</i> , 2019 , 14, 8	9.2	59
362	Role of p38 MAPK in burn-induced intestinal barrier breakdown. <i>Journal of Surgical Research</i> , 2009 , 156, 64-9	2.5	59
361	Efferent vagal nerve stimulation attenuates gut barrier injury after burn: modulation of intestinal occludin expression. <i>Journal of Trauma</i> , 2010 , 68, 1349-54; discussion 1354-6		59
360	WSES classification and guidelines for liver trauma. <i>World Journal of Emergency Surgery</i> , 2016 , 11, 50	9.2	58
359	Western Trauma Association critical decisions in trauma: management of pancreatic injuries. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 75, 941-6	3.3	58
358	From acute pancreatitis to end-organ injury: mechanisms of acute lung injury. <i>Surgical Infections</i> , 2007 , 8, 107-20	2	58
357	2020 update of the WSES guidelines for the management of acute colonic diverticulitis in the emergency setting. <i>World Journal of Emergency Surgery</i> , 2020 , 15, 32	9.2	57
356	A twelve-year analysis of disease and provider complications on an organized level I trauma service: as good as it gets?. <i>Journal of Trauma</i> , 2003 , 54, 26-36; discussion 36-7		57
355	Thrombelastography versus AntiFactor Xa levels in the assessment of prophylactic-dose enoxaparin in critically ill patients. <i>Journal of Trauma</i> , 2009 , 66, 1509-15; discussion 1515-7		56
354	Stimulating the central nervous system to prevent intestinal dysfunction after traumatic brain injury. <i>Journal of Trauma</i> , 2010 , 68, 1059-64		56
353	Insights into the regulation of TNF-alpha production in human mononuclear cells: the effects of non-specific phosphodiesterase inhibition. <i>Clinics</i> , 2008 , 63, 321-8	2.3	56

352	Traumatic brain injury: patterns of failure of nonoperative management. <i>Journal of Trauma</i> , 2000 , 48, 367-74; discussion 374-5		56
351	Current concept of abdominal sepsis: WSES position paper. <i>World Journal of Emergency Surgery</i> , 2014 , 9, 22	9.2	55
350	Hypertonic resuscitation: design and implementation of a prehospital intervention trial. <i>Journal of the American College of Surgeons</i> , 2008 , 206, 220-32	4.4	55
349	Trauma systems. <i>Surgical Clinics of North America</i> , 2007 , 87, 21-35, v-vi	4	55
348	The 15-year evolution of an urban trauma center: what does the future hold for the trauma surgeon?. <i>Journal of Trauma</i> , 2001 , 51, 633-7; discussion 637-8		55
347	Liver trauma: WSES 2020 guidelines. <i>World Journal of Emergency Surgery</i> , 2020 , 15, 24	9.2	54
346	Complicated intra-abdominal infections in a worldwide context: an observational prospective study (CIAOW Study). <i>World Journal of Emergency Surgery</i> , 2013 , 8, 1	9.2	54
345	The role of open abdomen in non-trauma patient: WSES Consensus Paper. <i>World Journal of Emergency Surgery</i> , 2017 , 12, 39	9.2	54
344	Pentoxifylline attenuates lung injury and modulates transcription factor activity in hemorrhagic shock. <i>Journal of Surgical Research</i> , 2007 , 143, 99-108	2.5	54
343	Multi-site harmonization of diffusion MRI data in a registration framework. <i>Brain Imaging and Behavior</i> , 2018 , 12, 284-295	4.1	53
342	Physiologic response to hemorrhagic shock depends on rate and means of hemorrhage. <i>Journal of Surgical Research</i> , 2007 , 143, 276-80	2.5	53
341	Hypertonic saline and pentoxifylline prevent lung injury and bacterial translocation after hemorrhagic shock. <i>Shock</i> , 2000 , 14, 594-8	3.4	53
340	Hypertonic/hyperoncotic fluids reverse prostaglandin E2 (PGE2)-induced T-cell suppression. <i>Shock</i> , 1995 , 4, 45-9	3.4	53
339	Mortality after ground-level fall in the elderly patient taking oral anticoagulation for atrial fibrillation/flutter: a long-term analysis of risk versus benefit. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 76, 642-9; discussion 649-50	3.3	52
338	Hepatic and pulmonary apoptosis after hemorrhagic shock in swine can be reduced through modifications of conventional Ringer's solution. <i>Journal of Trauma</i> , 2006 , 60, 52-63		52
337	Resuscitation affects microcirculatory polymorphonuclear leukocyte behavior after hemorrhagic shock: role of hypertonic saline and pentoxifylline. <i>Experimental Biology and Medicine</i> , 2004 , 229, 684-93 ³⁻⁷		52
336	Effects of phosphodiesterase inhibition on the inflammatory response after shock: role of pentoxifylline. <i>Journal of Trauma</i> , 2004 , 56, 442-9		52
335	Exosomes in postshock mesenteric lymph are key mediators of acute lung injury triggering the macrophage activation Toll-like receptor 4. <i>FASEB Journal</i> , 2018 , 32, 97-110	0.9	51

334	Pentoxifylline reduces acute lung injury in chronic endotoxemia. <i>Journal of Surgical Research</i> , 2003 , 115, 92-9	2.5	51
333	Ecr4 expression and its product augurin in the choroid plexus: impact on fetal brain development, cerebrospinal fluid homeostasis and neuroprogenitor cell response to CNS injury. <i>Fluids and Barriers of the CNS</i> , 2011 , 8, 6	7	50
332	The influence of vehicle damage on injury severity of drivers in head-on motor vehicle crashes. <i>Accident Analysis and Prevention</i> , 2008 , 40, 1589-94	6.1	50
331	Novel oral anticoagulants and trauma: The results of a prospective American Association for the Surgery of Trauma Multi-Institutional Trial. <i>Journal of Trauma and Acute Care Surgery</i> , 2017 , 82, 827-835	3.3	49
330	Vagal stimulation modulates inflammation through a ghrelin mediated mechanism in traumatic brain injury. <i>Inflammation</i> , 2012 , 35, 214-20	5.1	49
329	A 20-year experience with portal and superior mesenteric venous injuries: has anything changed?. <i>European Journal of Vascular and Endovascular Surgery</i> , 2009 , 37, 87-91	2.3	49
328	Can we ever stop worrying about venous thromboembolism after trauma?. <i>Journal of Trauma and Acute Care Surgery</i> , 2015 , 78, 475-80; discussion 480-1	3.3	48
327	Position statement of the American College of Surgeons Committee on Trauma on the National Academies of Sciences, Engineering and Medicine Report, A National Trauma Care System: Integrating Military and Civilian Trauma Systems to Achieve Zero Preventable Deaths After Injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2016 , 81, 819-823	3.3	48
326	A Comprehensive review of abdominal infections. <i>World Journal of Emergency Surgery</i> , 2011 , 6, 7	9.2	48
325	The ongoing challenge of retroperitoneal vascular injuries. <i>American Journal of Surgery</i> , 1996 , 172, 541-4; discussion 545	2.7	48
324	Kidney and uro-trauma: WSES-AAST guidelines. <i>World Journal of Emergency Surgery</i> , 2019 , 14, 54	9.2	47
323	Patient factors and operating room resuscitation predict mortality in traumatic abdominal aortic injury: a 20-year analysis. <i>Journal of Vascular Surgery</i> , 2007 , 45, 493-7	3.5	46
322	Trauma in adolescents causes long-term marked deficits in quality of life: adolescent children do not recover preinjury quality of life or function up to two years postinjury compared to national norms. <i>Journal of Trauma</i> , 2007 , 62, 577-83; discussion 583		45
321	If some is good, more is better: An enoxaparin dosing strategy to improve pharmacologic venous thromboembolism prophylaxis. <i>Journal of Trauma and Acute Care Surgery</i> , 2016 , 81, 1095-1100	3.3	45
320	A comparison of prehospital lactate and systolic blood pressure for predicting the need for resuscitative care in trauma transported by ground. <i>Journal of Trauma and Acute Care Surgery</i> , 2015 , 78, 600-6	3.3	44
319	Preservation of splenic immunocompetence after splenic artery angioembolization for blunt splenic injury. <i>Journal of Trauma</i> , 2010 , 69, 1126-30; discussion 1130-1		44
318	Impact of Trauma System Structure on Injury Outcomes: A Systematic Review and Meta-Analysis. <i>World Journal of Surgery</i> , 2018 , 42, 1327-1339	3.3	44
317	Pelvic fracture pattern predicts the need for hemorrhage control intervention-Results of an AAST multi-institutional study. <i>Journal of Trauma and Acute Care Surgery</i> , 2017 , 82, 1030-1038	3.3	43

316	Hemorrhage is More Prevalent than Brain Injury in Early Trauma Deaths: The Golden Six Hours. <i>European Journal of Trauma and Emergency Surgery</i> , 2009 , 35, 26-30	2-3	43
315	A survey of American Association for the Surgery of Trauma member practices in the management of blunt splenic injury. <i>Journal of Trauma</i> , 2011 , 70, 1026-31		42
314	The hormone ghrelin prevents traumatic brain injury induced intestinal dysfunction. <i>Journal of Neurotrauma</i> , 2010 , 27, 2255-60	5-4	42
313	Arterial embolization for pelvic fractures after blunt trauma: are we all talk?. <i>American Journal of Surgery</i> , 2010 , 200, 752-7; discussion 757-8	2-7	42
312	Modulation of lipopolysaccharide-induced acute lung inflammation: Role of insulin. <i>Shock</i> , 2006 , 25, 260-64		42
311	High rates of acute stress disorder impact quality-of-life outcomes in injured adolescents: mechanism and gender predict acute stress disorder risk. <i>Journal of Trauma</i> , 2005 , 59, 1126-30		42
310	Female gender does not protect blunt trauma patients from complications and mortality. <i>Journal of Trauma</i> , 2002 , 53, 436-41; discussion 441		42
309	Ghrelin prevents disruption of the blood-brain barrier after traumatic brain injury. <i>Journal of Neurotrauma</i> , 2012 , 29, 385-93	5-4	40
308	Patients with Complicated Intra-Abdominal Infection Presenting with Sepsis Do Not Require Longer Duration of Antimicrobial Therapy. <i>Journal of the American College of Surgeons</i> , 2016 , 222, 440-64	4-4	39
307	Pentoxifylline attenuates pulmonary inflammation and neutrophil activation in experimental acute pancreatitis. <i>Pancreas</i> , 2008 , 37, 42-9	2-6	39
306	HSPTX protects against hemorrhagic shock resuscitation-induced tissue injury: an attractive alternative to Ringer's lactate. <i>Journal of Trauma</i> , 2006 , 60, 41-51		39
305	2020 World Society of Emergency Surgery updated guidelines for the diagnosis and treatment of acute calculus cholecystitis. <i>World Journal of Emergency Surgery</i> , 2020 , 15, 61	9-2	38
304	National Trauma Institute prospective evaluation of the ventilator bundle in trauma patients: does it really work?. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 74, 354-60; discussion 360-2	3-3	38
303	Postinjury vagal nerve stimulation protects against intestinal epithelial barrier breakdown. <i>Journal of Trauma</i> , 2011 , 70, 1168-75; discussion 1175-6		38
302	Enteric glia cells attenuate cytomix-induced intestinal epithelial barrier breakdown. <i>PLoS ONE</i> , 2013 , 8, e69042	3-7	37
301	Combat versus civilian open tibia fractures: the effect of blast mechanism on limb salvage. <i>Journal of Trauma</i> , 2011 , 70, 1241-7		37
300	Real-time analysis of the kinetics of angiogenesis and vascular permeability in an animal model of wound healing. <i>Burns</i> , 2009 , 35, 811-7	2-3	37
299	Pentoxifylline modulates intestinal tight junction signaling after burn injury: effects on myosin light chain kinase. <i>Journal of Trauma</i> , 2009 , 66, 17-24; discussion 24-5		37

298	Western Trauma Association critical decisions in trauma: penetrating chest trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 77, 994-1002	3.3	36
297	Hypovolemic shock resuscitation. <i>Surgical Clinics of North America</i> , 2012 , 92, 1403-23	4	36
296	Esophageal cancer related gene-4 is a choroid plexus-derived injury response gene: evidence for a biphasic response in early and late brain injury. <i>PLoS ONE</i> , 2011 , 6, e24609	3.7	36
295	Cervical spinal clearance: A prospective Western Trauma Association Multi-institutional Trial. <i>Journal of Trauma and Acute Care Surgery</i> , 2016 , 81, 1122-1130	3.3	36
294	CHRFAM7A, a human-specific and partially duplicated α -nicotinic acetylcholine receptor gene with the potential to specify a human-specific inflammatory response to injury. <i>Journal of Leukocyte Biology</i> , 2015 , 97, 247-57	6.5	35
293	Transfusion of blood products in trauma: an update. <i>Journal of Emergency Medicine</i> , 2010 , 39, 253-60	1.5	35
292	Phosphodiesterase inhibition attenuates alterations to the tight junction proteins occludin and ZO-1 in immunostimulated Caco-2 intestinal monolayers. <i>Life Sciences</i> , 2009 , 84, 18-22	6.8	35
291	Insulin regulates cytokines and intercellular adhesion molecule-1 gene expression through nuclear factor-kappaB activation in LPS-induced acute lung injury in rats. <i>Shock</i> , 2009 , 31, 404-9	3.4	35
290	Closed Or Open after Source Control Laparotomy for Severe Complicated Intra-Abdominal Sepsis (the COOL trial): study protocol for a randomized controlled trial. <i>World Journal of Emergency Surgery</i> , 2018 , 13, 26	9.2	34
289	Suboptimal compliance with evidence-based guidelines in patients with traumatic brain injuries. <i>Journal of Neurosurgery</i> , 2014 , 120, 773-7	3.2	34
288	Efferent vagal nerve stimulation attenuates acute lung injury following burn: The importance of the gut-lung axis. <i>Surgery</i> , 2011 , 150, 379-89	3.6	34
287	Early ghrelin treatment attenuates disruption of the blood brain barrier and apoptosis after traumatic brain injury through a UCP-2 mechanism. <i>Brain Research</i> , 2012 , 1489, 140-8	3.7	33
286	Toll-like receptor-4 mediates intestinal barrier breakdown after thermal injury. <i>Surgical Infections</i> , 2010 , 11, 137-44	2	33
285	Hypertonic saline and pentoxifylline reduces hemorrhagic shock resuscitation-induced pulmonary inflammation through attenuation of neutrophil degranulation and proinflammatory mediator synthesis. <i>Journal of Trauma</i> , 2007 , 62, 104-11		32
284	Duodeno-pancreatic and extrahepatic biliary tree trauma: WSES-AAST guidelines. <i>World Journal of Emergency Surgery</i> , 2019 , 14, 56	9.2	32
283	White matter abnormalities in mild traumatic brain injury with and without post-traumatic stress disorder: a subject-specific diffusion tensor imaging study. <i>Brain Imaging and Behavior</i> , 2018 , 12, 870-88 ^{†1}		31
282	Time to stroke: A Western Trauma Association multicenter study of blunt cerebrovascular injuries. <i>Journal of Trauma and Acute Care Surgery</i> , 2018 , 85, 858-866	3.3	31
281	Cholinergic signaling in the gut: a novel mechanism of barrier protection through activation of enteric glia cells. <i>Surgical Infections</i> , 2014 , 15, 387-93	2	31

280	Outcome from traumatic injury of the portal and superior mesenteric veins. <i>Vascular and Endovascular Surgery</i> , 2004 , 38, 249-55	1.4	31
279	Blunt gastric injury. A multicentre experience. <i>Injury</i> , 2001 , 32, 761-4	2.5	31
278	COVID-19 the showdown for mass casualty preparedness and management: the Cassandra Syndrome. <i>World Journal of Emergency Surgery</i> , 2020 , 15, 26	9.2	30
277	Benchmarking of trauma care worldwide: the potential value of an International Trauma Data Bank (ITDB). <i>World Journal of Surgery</i> , 2014 , 38, 1882-91	3.3	30
276	Abdominal vascular trauma. <i>Trauma Surgery and Acute Care Open</i> , 2016 , 1, e000015	2.4	30
275	Acute lower GI bleeding for the acute care surgeon: current diagnosis and management. <i>Scandinavian Journal of Surgery</i> , 2009 , 98, 135-42	3.1	29
274	Burns, inflammation, and intestinal injury: protective effects of an anti-inflammatory resuscitation strategy. <i>Journal of Trauma</i> , 2009 , 67, 1162-8		29
273	2017 WSES guidelines for the management of iatrogenic colonoscopy perforation. <i>World Journal of Emergency Surgery</i> , 2018 , 13, 5	9.2	28
272	Thrombin-processed Ecr4 recruits myeloid cells and induces antitumorogenic inflammation. <i>Neuro-Oncology</i> , 2015 , 17, 685-96	1	28
271	Decompressive craniectomy or medical management for refractory intracranial hypertension: an AAST-MIT propensity score analysis. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 76, 944-52; discussion 952-5	3.3	28
270	Cell-specific processing and release of the hormone-like precursor and candidate tumor suppressor gene product, Ecr4. <i>Cell and Tissue Research</i> , 2012 , 348, 505-14	4.2	28
269	Nonspecific phosphodiesterase inhibition attenuates liver injury in acute endotoxemia. <i>Surgical Infections</i> , 2005 , 6, 73-85	2	28
268	Anatomic exposures for vascular injuries. <i>Surgical Clinics of North America</i> , 2001 , 81, 1299-330, xii	4	28
267	Contemporary management of rectal injuries at Level I trauma centers: The results of an American Association for the Surgery of Trauma multi-institutional study. <i>Journal of Trauma and Acute Care Surgery</i> , 2018 , 84, 225-233	3.3	28
266	Packed red blood cells suppress T-cell proliferation through a process involving cell-cell contact. <i>Journal of Trauma</i> , 2010 , 69, 320-9		27
265	LPS-stimulated PMN activation and proinflammatory mediator synthesis is downregulated by phosphodiesterase inhibition: role of pentoxifylline. <i>Journal of Trauma</i> , 2004 , 57, 1157-63		27
264	Burn-induced acute lung injury requires a functional Toll-like receptor 4. <i>Shock</i> , 2011 , 36, 24-9	3.4	26
263	Cell surface localization and release of the candidate tumor suppressor Ecr4 from polymorphonuclear cells and monocytes activate macrophages. <i>Journal of Leukocyte Biology</i> , 2012 , 91, 773-81	6.5	26

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