Kevin P Mollen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1258853/publications.pdf

Version: 2024-02-01

47 papers	3,478 citations	201674 27 h-index	223800 46 g-index
47 all docs	47 docs citations	47 times ranked	5184 citing authors

#	Article	IF	Citations
1	The Surgical Infection Society Revised Guidelines on the Management of Intra-Abdominal Infection. Surgical Infections, 2017, 18, 1-76.	1.4	382
2	EMERGING PARADIGM. Shock, 2006, 26, 430-437.	2.1	282
3	Anti-HMGB1 Neutralizing Antibody Ameliorates Gut Barrier Dysfunction and Improves Survival after Hemorrhagic Shock. Molecular Medicine, 2006, 12, 105-114.	4.4	219
4	Ulcerative colitis mucosal transcriptomes reveal mitochondriopathy and personalized mechanisms underlying disease severity and treatment response. Nature Communications, 2019, 10, 38.	12.8	215
5	Systemic inflammation and remote organ injury following trauma require HMGB1. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1538-R1544.	1.8	199
6	THE ROLE OF THE INTESTINAL BARRIER IN THE PATHOGENESIS OF NECROTIZING ENTEROCOLITIS. Shock, 2007, 27, 124-133.	2.1	191
7	Nitrite Potently Inhibits Hypoxic and Inflammatory Pulmonary Arterial Hypertension and Smooth Muscle Proliferation via Xanthine Oxidoreductaseâ€"Dependent Nitric Oxide Generation. Circulation, 2010, 121, 98-109.	1.6	185
8	Mitochondrial dysfunction in inflammatory bowel disease. Frontiers in Cell and Developmental Biology, 2015, 3, 62.	3.7	174
9	Signaling of High Mobility Group Box 1 (HMGB1) through Toll-like Receptor 4 in Macrophages Requires CD14. Molecular Medicine, 2013, 19, 88-98.	4.4	161
10	Toll-like Receptor 4-mediated Endoplasmic Reticulum Stress in Intestinal Crypts Induces Necrotizing Enterocolitis. Journal of Biological Chemistry, 2014, 289, 9584-9599.	3.4	141
11	Toll-Like Receptor-4 Signaling Mediates Hepatic Injury and Systemic Inflammation in Hemorrhagic Shock. Journal of the American College of Surgeons, 2006, 202, 407-417.	0.5	111
12	Early events in the recognition of danger signals after tissue injury. Journal of Leukocyte Biology, 2008, 83, 546-552.	3.3	111
13	Mechanisms of Toll-Like Receptor 4 (TLR4)-Mediated Inflammation After Cold Ischemia/Reperfusion in the Heart. Transplantation, 2009, 87, 1455-1463.	1.0	96
14	Systemic inflammation and remote organ damage following bilateral femur fracture requires Toll-like receptor 4. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R970-R976.	1.8	91
15	PATTERNS OF CYTOKINE RELEASE AND EVOLUTION OF REMOTE ORGAN DYSFUNCTION AFTER BILATERAL FEMUR FRACTURE. Shock, 2008, 30, 43-47.	2.1	71
16	Toll-Like Receptor 4 Mediates the Early Inflammatory Response After Cold Ischemia/Reperfusion. Transplantation, 2007, 84, 1279-1287.	1.0	69
17	Systemic inflammation and end organ damage following trauma involves functional TLR4 signaling in both bone marrow-derived cells and parenchymal cells. Journal of Leukocyte Biology, 2008, 83, 80-88.	3.3	69
18	Reactive oxygen species are required for driving efficient and sustained aerobic glycolysis during CD4+ T cell activation. PLoS ONE, 2017, 12, e0175549.	2.5	67

#	Article	IF	Citations
19	Peroxisome Proliferator-activated Receptor-Î³ Coactivator 1-Î± (PGC1Î±) Protects against Experimental Murine Colitis. Journal of Biological Chemistry, 2016, 291, 10184-10200.	3.4	65
20	Thoracic neuroblastoma: a retrospective review of our institutional experience with comparison of the thoracoscopic and open approaches to resection. Journal of Pediatric Surgery, 2010, 45, 1622-1626.	1.6	62
21	Experimental sepsisâ€induced mitochondrial biogenesis is dependent on autophagy, TLR4, and TLR9 signaling in liver. FASEB Journal, 2013, 27, 4703-4711.	0.5	62
22	Pediatric Sepsis Update: How Are Children Different?. Surgical Infections, 2018, 19, 176-183.	1.4	46
23	LOCAL EXPOSURE OF BONE COMPONENTS TO INJURED SOFT TISSUE INDUCES TOLL-LIKE RECEPTOR 4-DEPENDENT SYSTEMIC INFLAMMATION WITH ACUTE LUNG INJURY. Shock, 2008, 30, 686-691.	2.1	37
24	Treatment with a Catalytic Superoxide Dismutase (SOD) Mimetic Improves Liver Steatosis, Insulin Sensitivity, and Inflammation in Obesity-Induced Type 2 Diabetes. Antioxidants, 2017, 6, 85.	5.1	34
25	Inguinal hernia: what we have learned from laparoscopic evaluation of the contralateral side. Current Opinion in Pediatrics, 2007, 19, 344-348.	2.0	33
26	Red blood cell transfusion in premature infants leads to worse necrotizing enterocolitis outcomes. Journal of Surgical Research, 2017, 213, 158-165.	1.6	33
27	HYPOXIA ACTIVATES c-JUN N-TERMINAL KINASE VIA RAC1-DEPENDENT REACTIVE OXYGEN SPECIES PRODUCTION IN HEPATOCYTES. Shock, 2007, 28, 270-277.	2.1	31
28	Depletion of gut microbiota is associated with improved neurologic outcome following traumatic brain injury. Brain Research, 2020, 1747, 147056.	2.2	29
29	Polymicrobial sepsis is associated with decreased hepatic oxidative phosphorylation and an altered metabolic profile. Journal of Surgical Research, 2014, 186, 297-303.	1.6	28
30	Nix-Mediated Mitophagy Modulates Mitochondrial Damage During Intestinal Inflammation. Antioxidants and Redox Signaling, 2020, 33, 1-19.	5.4	27
31	Management of acute severe ulcerative colitis in children. Seminars in Pediatric Surgery, 2017, 26, 367-372.	1.1	25
32	Increased expression and internalization of the endotoxin coreceptor CD14 in enterocytes occur as an early event in the development of experimental necrotizing enterocolitis. Journal of Pediatric Surgery, 2008, 43, 1175-1181.	1.6	23
33	Inactivation of RIP3 kinase sensitizes to 15LOX/PEBP1-mediated ferroptotic death. Redox Biology, 2022, 50, 102232.	9.0	15
34	Calcium/calmodulinâ€“dependent protein kinase IV (CaMKIV) activation contributes to the pathogenesis of experimental colitisviainhibition of intestinal epithelial cell proliferation. FASEB Journal, 2019, 33, 1330-1346.	0.5	14
35	Eicosatetraynoic Acid and Butyrate Regulate Human Intestinal Organoid Mitochondrial and Extracellular Matrix Pathways Implicated in Crohnâ€™s Disease Strictures. Inflammatory Bowel Diseases, 2022, 28, 988-1003.	1.9	12
36	Unique Molecular Signatures Are Associated with Aggressive Histology in Pediatric Differentiated Thyroid Cancer. Thyroid, 2022, 32, 236-244.	4.5	12

#	Article	IF	Citations
37	Effect of dietary cellulose supplementation on gut barrier function and apoptosis in a murine model of endotoxemia. PLoS ONE, 2019, 14, e0224838.	2.5	10
38	An Evidence-Based Care Protocol Improves Outcomes and Decreases Cost in Pediatric Appendicitis. Journal of Surgical Research, 2020, 256, 390-396.	1.6	8
39	High Sugar-Sweetened Beverage Consumption Is Associated with Increased Health Care Utilization in Patients with Inflammatory Bowel Disease: A Multiyear, Prospective Analysis. Journal of the Academy of Nutrition and Dietetics, 2022, 122, 1488-1498.e1.	0.8	8
40	The Pediatric Surgeonâ€“Scientist: Succeeding in Today's Academic Environment. Journal of Surgical Research, 2019, 244, 502-508.	1.6	7
41	Chronic Lymphocytic Thyroiditis and Aggressiveness of Pediatric Differentiated Thyroid Cancer. Laryngoscope, 2022, 132, 1668-1674.	2.0	5
42	Inclusion and representation in the pediatric surgery workforce: Strategies to mitigate bias in the fellowship application process. Journal of Pediatric Surgery, 2022, , .	1.6	5
43	Cyclic GMPâ€AMP synthase contributes to epithelial homeostasis in intestinal inflammation via Beclinâ€1â€mediated autophagy. FASEB Journal, 2022, 36, e22282.	0.5	5
44	Plant-based Enteral Nutrition Modifies the Gut Microbiota and Improves Outcomes in Murine Models of Colitis. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 872-874.e6.	4.5	4
45	Diagnosis and Treatment of Rhabdomyosarcoma. , 2012, , 491-499.		2
46	SUN-284 DICER1 Mutations in Adolescent Girls: Clinicopathological Findings and Genetic Correlation. Journal of the Endocrine Society, 2019, 3, .	0.2	1
47	Esophageal Resection for Carcinoma in Patients Older Than 70 Years. Annals of Surgical Oncology, 2002, 9, 210-214.	1.5	1