

Matthias Siebeck

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,214
citations

430874

18
h-index

434195

31
g-index

63
all docs

63
docs citations

63
times ranked

1343
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonmyeloablative Stem Cell Therapy Enhances Microcirculation and Tissue Regeneration in Murine Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2007, 132, 944-954.	1.3	114
2	Vicarious learning during simulations: is it more effective than hands-on training?. <i>Medical Education</i> , 2012, 46, 1001-1008.	2.1	100
3	Facilitating Diagnostic Competences in Simulations in Higher Education A Framework and a Research Agenda. <i>Frontline Learning Research</i> , 0, , 1-24.	0.8	83
4	Calpain inhibition reduces infarct size and improves global hemodynamics and left ventricular contractility in a porcine myocardial ischemia/reperfusion model. <i>European Journal of Pharmacology</i> , 2005, 528, 124-131.	3.5	76
5	B1 Bradykinin Receptors and Carboxypeptidase M Are Both Upregulated in the Aorta of Pigs after LPS Infusion. <i>Biochemical and Biophysical Research Communications</i> , 1998, 243, 246-252.	2.1	61
6	Effect of Recombinant Hirudin, a Specific Inhibitor of Thrombin, on Endotoxin-induced Intravascular Coagulation and Acute Lung Injury in Pigs. <i>The American Review of Respiratory Disease</i> , 1990, 142, 782-788.	2.9	60
7	Comparative cross-sectional study of empathy among first year and final year medical students in Jimma University, Ethiopia: Steady state of the heart and opening of the eyes. <i>BMC Medical Education</i> , 2012, 12, 34.	2.4	48
8	Systematizing Professional Knowledge of Medical Doctors and Teachers: Development of an Interdisciplinary Framework in the Context of Diagnostic Competences. <i>Education Sciences</i> , 2018, 8, 207.	2.6	37
9	Head Injury-A Neglected Public Health Problem: A Four-Month Prospective Study at Jimma University Specialized Hospital, Ethiopia. <i>Ethiopian Journal of Health Sciences</i> , 2014, 24, 27.	0.4	34
10	Circulating Mediators and Organ Function in Patients Undergoing Planned Relaparotomy vs Conventional Surgical Therapy in Severe Secondary Peritonitis. <i>Archives of Surgery</i> , 2002, 137, 590-599.	2.2	30
11	Histochemical assessment of early myocardial infarction using 2,3,5-triphenyltetrazolium chloride in blood-perfused porcine hearts. <i>Journal of Pharmacological and Toxicological Methods</i> , 2006, 54, 307-312.	0.7	30
12	Effect of combined B1 and B2 kinin receptor blockade in porcine endotoxin shock. <i>Immunopharmacology</i> , 1996, 33, 81-84.	2.0	29
13	Immunologic Characterization of Normal Human Pleural Macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000, 23, 419-426.	2.9	29
14	The views of patients, healthcare professionals and hospital officials on barriers to and facilitators of quality pain management in Ethiopian hospitals: A qualitative study. <i>PLoS ONE</i> , 2019, 14, e0213644.	2.5	24
15	The Hypotensive Response to Des-ARG9-Bradykinin Increases during E. Coli Septicemia in the Pig. <i>Advances in Experimental Medicine and Biology</i> , 1989, 247B, 389-393.	1.6	24
16	INHIBITION OF PLASMA KALLIKREIN WITH APROTININ IN PORCINE ENDOTOXIN SHOCK. <i>Journal of Trauma</i> , 1993, 34, 193-198.	2.3	22
17	Teaching the rectal examination with simulations: effects on knowledge acquisition and inhibition. <i>Medical Education</i> , 2011, 45, 1025-1031.	2.1	22
18	Autoradiographic visualization of B 1 bradykinin receptors in porcine vascular tissues in the presence or absence of inflammation. <i>Immunopharmacology</i> , 1996, 33, 95-100.	2.0	21

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19	The formal requirements of algorithms and their implications in clinical medicine and quality management. <i>Langenbeck's Archives of Surgery</i> , 2011, 396, 31-40.	1.9	21
20	Emotional and Cognitive Empathy in First-Year Medical Students. , 2013, 2013, 1-6.		20
21	Characterization and validation of a mouse model for colitis ulcerosa based on NOD-scid IL2R \hat{I}^3 null mice reconstituted with peripheral blood mononuclear cells from patients.. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 985-97.	2.4	18
22	DELAYED TREATMENT WITH PLATELET ACTIVATING FACTOR RECEPTOR ANTAGONIST WEB 2086 ATTENUATES PULMONARY DYSFUNCTION IN PORCINE ENDOTOXIN SHOCK. <i>Journal of Trauma</i> , 1994, 37, 745-751.	2.3	17
23	B1 kinin receptor activity in pigs is associated with pre-existing infection. <i>Immunopharmacology</i> , 1998, 40, 49-55.	2.0	17
24	Empathy in high-tech and high-touch medicine. <i>Patient Education and Counseling</i> , 2014, 95, 259-264.	2.2	17
25	Induction of oxazolone mediated features of atopic dermatitis in NOD-scid IL2R \hat{I}^3 null mice engrafted with human peripheral blood mononuclear cells. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 125-34.	2.4	15
26	Design and validation of a disease network of inflammatory processes in the NSG-UC mouse model. <i>Journal of Translational Medicine</i> , 2017, 15, 265.	4.4	15
27	Acute gallbladder perforation with gallstones spillage in a cirrhotic patient. <i>World Journal of Emergency Surgery</i> , 2010, 5, 11.	5.0	14
28	Targeting ulcerative colitis by suppressing glucose uptake with ritonavir. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	14
29	The Perception of Physician Empathy by Patients with Inflammatory Bowel Disease. <i>PLoS ONE</i> , 2016, 11, e0167113.	2.5	14
30	Awareness of ethical issues in medical education: an interactive teach-the-teacher course. <i>GMS Journal for Medical Education</i> , 2016, 33, Doc45.	0.1	12
31	Aspiration and Injection-Based Technique for Incision and Drainage of a Sacrococcygeal Pilonidal Abscess. <i>Journal of Emergency Medicine</i> , 2009, 36, 60-63.	0.7	11
32	Assessment of Diagnostic Competences With Standardized Patients Versus Virtual Patients: Experimental Study in the Context of History Taking. <i>Journal of Medical Internet Research</i> , 2021, 23, e21196.	4.3	11
33	NOD-scid IL2R \hat{I}^3 null mice engrafted with human peripheral blood mononuclear cells as a model to test therapeutics targeting human signaling pathways. <i>Journal of Translational Medicine</i> , 2013, 11, 4.	4.4	10
34	Functional Toll-Like Receptor (TLR)2 polymorphisms in the susceptibility to inflammatory bowel disease. <i>PLoS ONE</i> , 2017, 12, e0175180.	2.5	10
35	The Combination of Patient Profiling and Preclinical Studies in a Mouse Model Based on NOD/Scid IL2R \hat{I}^3 null Mice Reconstituted With Peripheral Blood Mononuclear Cells From Patients With Ulcerative Colitis May Lead to Stratification of Patients for Treatment With Adalimumab. <i>Inflammatory Bowel Diseases</i> . 2020. 26. 557-569.	1.9	9
36	Suppressing Kv1.3 Ion Channel Activity with a Novel Small Molecule Inhibitor Ameliorates Inflammation in a Humanised Mouse Model of Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1943-1958.	1.3	9

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37	Teaching Advanced Wound Closure Techniques Using Cattle Digits. <i>Dermatologic Surgery</i> , 2011, 37, 325-330.	0.8	8
38	Incidence and associated factors of extrauterine growth restriction (EUGR) in preterm infants, a cross-sectional study in selected NICUs in Ethiopia. <i>BMJ Paediatrics Open</i> , 2020, 4, e000765.	1.4	8
39	The PI3K pathway as a therapeutic intervention point in inflammatory bowel disease. <i>Immunity, Inflammation and Disease</i> , 2021, 9, 804-818.	2.7	8
40	Endogenous B1 receptor mediated hypotension produced by contact system activation in the presence of endotoxemia. <i>Immunopharmacology</i> , 1998, 40, 131-137.	2.0	7
41	Small bowel incarceration in recurrent perineal hernia after abdominoperineal resection. <i>International Journal of Colorectal Disease</i> , 2011, 26, 957-958.	2.2	7
42	Evaluation of effectiveness of instruction and study habits in two consecutive clinical semesters of the medical curriculum munich (MeCuM) reveals the need for more time for self study and higher frequency of assessment. <i>BMC Medical Education</i> , 2011, 11, 62.	2.4	7
43	Comparison of neonatal outcomes of small for gestational age and appropriate for gestational age preterm infants born at 28â€“36 weeks of gestation: a multicentre study in Ethiopia. <i>BMJ Paediatrics Open</i> , 2020, 4, e000740.	1.4	7
44	Cognitive and Motivational Person Characteristics as Predictors of Diagnostic Performance: Combined Effects on Pre-Service Teachersâ€™ Diagnostic Task Selection and Accuracy. <i>Journal Fur Mathematik-Didaktik</i> , 2022, 43, 135-172.	1.5	7
45	Surgery and Adjuvant Therapy in Patients with Diffuse Peritonitis: Cost Analysis. <i>World Journal of Surgery</i> , 2002, 26, 307-313.	1.6	6
46	An online learning objectives database to map a curriculum. <i>Medical Education</i> , 2007, 41, 1095-1096.	2.1	6
47	Preterm Nutrition and Clinical Outcomes. <i>Global Pediatric Health</i> , 2020, 7, 2333794X2093785.	0.7	6
48	Stenosis of the common bile duct caused by synchronous pancreatic cystadenoma and cholangiocarcinoma. <i>Gastrointestinal Endoscopy</i> , 2003, 58, 311-312.	1.0	5
49	Etoricoxib - preemptive and postoperative analgesia (EPPA) in patients with laparotomy or thoracotomy - design and protocols. <i>Trials</i> , 2010, 11, 66.	1.6	5
50	Development of an Entrustable Professional Activities (EPA) Framework to Inform Surgical Residency Training Programs in Ethiopia: A Three-round National Delphi Method Study. <i>Journal of Surgical Education</i> , 2022, 79, 56-68.	2.5	5
51	Tachyphylaxis of the B1 kinin receptor in porcine endotoxin shock. <i>Immunopharmacology</i> , 1997, 36, 173-177.	2.0	4
52	Learning to diagnose accurately through virtual patients: do reflection phases have an added benefit?. <i>BMC Medical Education</i> , 2021, 21, 523.	2.4	3
53	Evidence Gaps and Challenges in the Fight Against COVID-19 in Africa: Scoping Review of the Ethiopian Experience. <i>Risk Management and Healthcare Policy</i> , 2021, Volume 14, 4511-4521.	2.5	3
54	Cinemeducation in medicine: a mixed methods study on studentsâ€™ motivations and benefits. <i>BMC Medical Education</i> , 2022, 22, 172.	2.4	3

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55	Delayed Treatment with Desulfato-Hirudin Prevents Fibrin Formation in Lipopolysaccharide-Induced Shock. <i>Thrombosis Research</i> , 1997, 88, 473-480.	1.7	2
56	Simulation research and design: a dual-level framework for multi-project research programs. <i>Educational Technology Research and Development</i> , 2021, 69, 809-841.	2.8	2
57	Establishment of a Pediatric Surgical Unit at a University Hospital in Eastern Africa. <i>Children</i> , 2021, 8, 244.	1.5	2
58	Live and Video Simulations of Medical History-Taking: Theoretical Background, Design, Development, and Validation of a Learning Environment. , 2022, , 109-122.		2
59	Extraluminal gastrointestinal stromal tumour in the second portion of the duodenum. <i>European Journal of Gastroenterology and Hepatology</i> , 2003, 15, 1043-1046.	1.6	1
60	Disparity in Birth Size of Ethiopian Preterm Infants in Comparison to International INTERGROWTH-21st Data. <i>Global Pediatric Health</i> , 2020, 7, 2333794X2097348.	0.7	0