

Stephan Marsch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4356605/publications.pdf>

Version: 2024-02-01

84
papers

2,741
citations

201674

27
h-index

189892

50
g-index

85
all docs

85
docs citations

85
times ranked

2955
citing authors

#	ARTICLE	IF	CITATIONS
1	Anesthetic drugs in status epilepticus: Risk or rescue?. <i>Neurology</i> , 2014, 82, 656-664.	1.1	265
2	Teamwork and Leadership in Cardiopulmonary Resuscitation. <i>Journal of the American College of Cardiology</i> , 2011, 57, 2381-2388.	2.8	252
3	Brief leadership instructions improve cardiopulmonary resuscitation in a high-fidelity simulation: A randomized controlled trial*. <i>Critical Care Medicine</i> , 2010, 38, 1086-1091.	0.9	218
4	Changes in End-of-Life Practices in European Intensive Care Units From 1999 to 2016. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 1692.	7.4	144
5	Mortality and recovery from refractory status epilepticus in the intensive care unit: A 7-year observational study. <i>Epilepsia</i> , 2013, 54, 502-511.	5.1	135
6	Acute Neurologic Complications During Extracorporeal Membrane Oxygenation: A Systematic Review. <i>Critical Care Medicine</i> , 2018, 46, 1506-1513.	0.9	105
7	Continuous video-EEG monitoring increases detection rate of nonconvulsive status epilepticus in the ICU. <i>Epilepsia</i> , 2011, 52, 453-457.	5.1	93
8	Serum procalcitonin, C-reactive protein and white blood cell levels following hypothermia after cardiac arrest: a retrospective cohort study. <i>European Journal of Clinical Investigation</i> , 2010, 40, 376-381.	3.4	71
9	Acute Systemic Complications of Convulsive Status Epilepticus—A Systematic Review. <i>Critical Care Medicine</i> , 2018, 46, 138-145.	0.9	68
10	Dynamics and association of different acute stress markers with performance during a simulated resuscitation. <i>Resuscitation</i> , 2012, 83, 572-578.	3.0	66
11	Associations between infections and clinical outcome parameters in status epilepticus: A retrospective 5-year cohort study. <i>Epilepsia</i> , 2012, 53, 1489-1497.	5.1	63
12	Anesthetics and Outcome in Status Epilepticus: A Matched Two-Center Cohort Study. <i>CNS Drugs</i> , 2017, 31, 65-74.	5.9	52
13	Community-acquired and hospital-acquired respiratory tract infection and bloodstream infection in patients hospitalized with COVID-19 pneumonia. <i>Journal of Intensive Care</i> , 2021, 9, 10.	2.9	52
14	ABC versus CAB for cardiopulmonary resuscitation: a prospective, randomized simulator-based trial. <i>Swiss Medical Weekly</i> , 2013, 143, w13856.	1.6	51
15	Intravenous Thrombolysis in Patients with Stroke Taking Rivaroxaban Using Drug Specific Plasma Levels: Experience with a Standard Operation Procedure in Clinical Practice. <i>Journal of Stroke</i> , 2017, 19, 347-355.	3.2	51
16	How Accurate Is Information Transmitted to Medical Professionals Joining a Medical Emergency? A Simulator Study. <i>Human Factors</i> , 2009, 51, 115-125.	3.5	47
17	Prevalence and risk factors for post-traumatic stress disorder in relatives of out-of-hospital cardiac arrest patients. <i>Resuscitation</i> , 2014, 85, 801-808.	3.0	45
18	Influence of Gender on the Performance of Cardiopulmonary Rescue Teams: A Randomized, Prospective Simulator Study. <i>Critical Care Medicine</i> , 2017, 45, 1184-1191.	0.9	45

#	ARTICLE	IF	CITATIONS
19	Neuron-specific enolase (NSE) improves clinical risk scores for prediction of neurological outcome and death in cardiac arrest patients: Results from a prospective trial. <i>Resuscitation</i> , 2019, 142, 50-60.	3.0	45
20	Acute-Phase Proteins and Mortality in Status Epilepticus. <i>Critical Care Medicine</i> , 2013, 41, 1526-1533.	0.9	43
21	Emergency response to out-of-hospital status epilepticus. <i>Neurology</i> , 2017, 89, 376-384.	1.1	42
22	Performance of clinical risk scores to predict mortality and neurological outcome in cardiac arrest patients. <i>Resuscitation</i> , 2019, 136, 21-29.	3.0	38
23	Acute Hemorrhagic Leukoencephalitis: A Case and Systematic Review of the Literature. <i>Frontiers in Neurology</i> , 2020, 11, 899.	2.4	37
24	ESBL-colonization at ICU admission: impact on subsequent infection, carbapenem-consumption, and outcome. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 408-413.	1.8	36
25	Leadership in Medical Emergencies Depends on Gender and Personality. <i>Simulation in Healthcare</i> , 2011, 6, 78-83.	1.2	35
26	Importance of leadership in cardiac arrest situations: from simulation to real life and back. <i>Swiss Medical Weekly</i> , 2013, 143, w13774.	1.6	29
27	Routine blood markers from different biological pathways improve early risk stratification in cardiac arrest patients: Results from the prospective, observational COMMUNICATE study. <i>Resuscitation</i> , 2018, 130, 138-145.	3.0	28
28	Bone fractures from generalized convulsive seizures and status epilepticus – A systematic review. <i>Epilepsia</i> , 2019, 60, 996-1004.	5.1	28
29	Depression and anxiety in relatives of out-of-hospital cardiac arrest patients: Results of a prospective observational study. <i>Journal of Critical Care</i> , 2019, 51, 57-63.	2.2	27
30	Procalcitonin and mortality in status epilepticus: an observational cohort study. <i>Critical Care</i> , 2015, 19, 361.	5.8	26
31	Does stress influence the performance of cardiopulmonary resuscitation? A narrative review of the literature. <i>Journal of Critical Care</i> , 2021, 63, 223-230.	2.2	25
32	Independent impact of infections on the course and outcome of status epilepticus: a 10-year cohort study. <i>Journal of Neurology</i> , 2016, 263, 1303-1313.	3.6	24
33	Illness severity scoring in status epilepticus – When <sc>STESS</sc> meets <sc>APACHE II</sc>, <sc>SAPS II</sc>, and <sc>SOFA</sc>. <i>Epilepsia</i> , 2019, 60, 189-200.	5.1	23
34	Predictors of infectious meningitis or encephalitis: the yield of cerebrospinal fluid in a cross-sectional study. <i>BMC Infectious Diseases</i> , 2020, 20, 304.	2.9	22
35	Untangling operational failures of the Status Epilepticus Severity Score (STESS). <i>Neurology</i> , 2019, 92, e1948-e1956.	1.1	21
36	Prolonged status epilepticus: Early recognition and prediction of full recovery in a 12-year cohort. <i>Epilepsia</i> , 2019, 60, 42-52.	5.1	20

#	ARTICLE	IF	CITATIONS
37	Oncological patients in the intensive care unit: prognosis, decision-making, therapies and end-of-life care. <i>Swiss Medical Weekly</i> , 2017, 147, w14481.	1.6	20
38	Long-term Survival After Out-of-Hospital Cardiac Arrest. <i>JAMA Cardiology</i> , 2022, 7, 633.	6.1	20
39	Automated Quantitative Pupillometry in the Critically Ill. <i>Neurology</i> , 2021, 97, e629-e642.	1.1	19
40	Safety and Efficacy of Coma Induction Following First-Line Treatment in Status Epilepticus. <i>Neurology</i> , 2021, 97, e564-e576.	1.1	19
41	Acute phase proteins and white blood cell levels for prediction of infectious complications in status epilepticus. <i>Critical Care</i> , 2011, 15, R274.	5.8	18
42	Risk factors for new-onset delirium in patients with bloodstream infections: independent and quantitative effect of catheters and drainages—a four-year cohort study. <i>Annals of Intensive Care</i> , 2016, 6, 104.	4.6	18
43	Serum neurofilament measurement improves clinical risk scores for outcome prediction after cardiac arrest: results of a prospective study. <i>Critical Care</i> , 2021, 25, 32.	5.8	16
44	Emergency management of status epilepticus in a high-fidelity simulation. <i>Neurology</i> , 2019, 93, 838-848.	1.1	12
45	Advance Directives in the Neurocritically Ill: A Systematic Review. <i>Critical Care Medicine</i> , 2020, 48, 1188-1195.	0.9	11
46	Frequency and Implications of Complications in the ICU After Status Epilepticus: No Calm After the Storm*. <i>Critical Care Medicine</i> , 2020, 48, 1779-1789.	0.9	11
47	Association of Taurine with In-Hospital Mortality in Patients after Out-of-Hospital Cardiac Arrest: Results from the Prospective, Observational COMMUNICATE Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1405.	2.4	11
48	Prediction of Postictal Delirium Following Status Epilepticus in the ICU: First Insights of an Observational Cohort Study. <i>Critical Care Medicine</i> , 2021, 49, e1241-e1251.	0.9	11
49	Comparison of propofol and dexmedetomidine infused overnight to treat hyperactive and mixed ICU delirium: a protocol for the Basel ProDex clinical trial. <i>BMJ Open</i> , 2017, 7, e015783.	1.9	10
50	Trimethylamine-N-oxide (TMAO) predicts short- and long-term mortality and poor neurological outcome in out-of-hospital cardiac arrest patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 393-402.	2.3	10
51	Calorie Intake During Status Epilepticus and Outcome: A 5-Year Cohort Study. <i>Critical Care Medicine</i> , 2019, 47, 1106-1115.	0.9	9
52	High Mortality of Non-Fournier Necrotizing Fasciitis With Enterobacteriales: Time to Rethink Classification?. <i>Clinical Infectious Diseases</i> , 2019, 69, 147-150.	5.8	9
53	Association of self-esteem, personality, stress and gender with performance of a resuscitation team: A simulation-based study. <i>PLoS ONE</i> , 2020, 15, e0233155.	2.5	9
54	Prolonged mechanical ventilation in patients with terminated status epilepticus and outcome: An observational cohort study. <i>Epilepsia</i> , 2021, 62, 3042-3057.	5.1	9

#	ARTICLE	IF	CITATIONS
55	Neuron-Specific Enolase (NSE) Predicts Long-Term Mortality in Adult Patients after Cardiac Arrest: Results from a Prospective Trial. <i>Medicines (Basel, Switzerland)</i> , 2021, 8, 72.	1.4	9
56	U SO CARE™ The Impact of Cardiac Ultrasound during Cardiopulmonary Resuscitation: A Prospective Randomized Simulator-Based Trial. <i>Journal of Clinical Medicine</i> , 2021, 10, 5218.	2.4	9
57	Effects of designated leadership and team-size on cardiopulmonary resuscitation: The Basel-Washington SIMulation (BaWaSim) trial. <i>Journal of Critical Care</i> , 2018, 48, 72-77.	2.2	8
58	Two minutes CPR versus five cycles CPR prior to reanalysis of the cardiac rhythm: A prospective, randomized simulator-based trial. <i>Resuscitation</i> , 2015, 96, 142-147.	3.0	7
59	What to exclude when brain death is suspected. <i>Journal of Critical Care</i> , 2019, 53, 212-217.	2.2	7
60	Association of acyl carnitines and mortality in out-of-hospital-cardiac-arrest patients: Results of a prospective observational study. <i>Journal of Critical Care</i> , 2020, 58, 20-26.	2.2	7
61	Activation of the kynurenine pathway predicts mortality and neurological outcome in cardiac arrest patients: A validation study. <i>Journal of Critical Care</i> , 2022, 67, 57-65.	2.2	7
62	Association of electrocardiogram alterations of rescuers and performance during a simulated cardiac arrest: A prospective simulation study. <i>PLoS ONE</i> , 2018, 13, e0198661.	2.5	6
63	Effects of Bag Mask Ventilation and Advanced Airway Management on Adherence to Ventilation Recommendations and Chest Compression Fraction: A Prospective Randomized Simulator-Based Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 2045.	2.4	6
64	Low Plasma Sphingomyelin Levels Show a Weak Association with Poor Neurological Outcome in Cardiac Arrest Patients: Results from the Prospective, Observational COMMUNICATE Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 897.	2.4	6
65	Delirium in Meningitis and Encephalitis: Emergence and Prediction in a 6-Year Cohort. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 566-575.	2.8	6
66	Diagnostic Errors Induced by a Wrong a Priori Diagnosis: A Prospective Randomized Simulator-Based Trial. <i>Journal of Clinical Medicine</i> , 2021, 10, 826.	2.4	5
67	Gender-focused training improves leadership of female medical students: A randomised trial. <i>Medical Education</i> , 2021, , .	2.1	5
68	Impact of family presence during cardiopulmonary resuscitation on team performance and perceived task load: a prospective randomised simulator-based trial. <i>BMJ Open</i> , 2022, 12, e056798.	1.9	5
69	Simulation-based randomized trial of medical emergency cognitive aids. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2022, 30, .	2.6	5
70	Arginine and Arginine/ADMA Ratio Predict 90-Day Mortality in Patients with Out-of-Hospital Cardiac Arrest Results from the Prospective, Observational COMMUNICATE Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 3815.	2.4	4
71	Accuracy of Calculated Free Valproate Levels in Adult Patients With Status Epilepticus. <i>Neurology</i> , 2021, 96, e102-e110.	1.1	4
72	Diagnostic yield of cerebrospinal fluid analysis in status epilepticus: an 8-year cohort study. <i>Journal of Neurology</i> , 2021, 268, 3325-3336.	3.6	4

#	ARTICLE	IF	CITATIONS
73	First-Response ABCDE Management of Status Epilepticus: A Prospective High-Fidelity Simulation Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 435.	2.4	4
74	More than experience: a post-task reflection intervention among team members enhances performance in student teams confronted with a simulated resuscitation task—a prospective randomised trial. <i>BMJ Simulation and Technology Enhanced Learning</i> , 2020, 6, 81-86.	0.7	3
75	SPHN/PHRT: Forming a Swiss-Wide Infrastructure for Data-Driven Sepsis Research. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 1163-1167.	0.3	3
76	Seizures and risks for recurrence in critically ill patients: an observational cohort study. <i>Journal of Neurology</i> , 2022, 269, 4185-4194.	3.6	2
77	The Impact of Withdrawn vs. Agitated Relatives during Resuscitation on Team Workload: A Single-Center Randomised Simulation-Based Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 3163.	2.4	2
78	Associations between periodic social events and status epilepticus—An 11-year cohort study. <i>Epilepsia</i> , 2018, 59, 1381-1391.	5.1	1
79	Hands-On Times, Adherence to Recommendations and Variance in Execution among Three Different CPR Algorithms: A Prospective Randomized Single-Blind Simulator-Based Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7946.	2.6	1
80	Non-invasive evaluation of new-onset atrial fibrillation after cardiac surgery: a protocol for the BigMap study. <i>ESC Heart Failure</i> , 2022, , .	3.1	1
81	Letter in reply. <i>Journal of Critical Care</i> , 2019, 51, 223-224.	2.2	0
82	Reply to technical comment on: Biskup E, et al. Oncological patients in the intensive care unit: prognosis, decision-making, therapies and end-of-life care. <i>Swiss Medical Weekly</i> , 2017, 147, w14558.	1.6	0
83	Predicting team-performance and leadership in emergency situations by observing standardised operational procedures: a prospective single-blind simulator-based trial. <i>BMJ Simulation and Technology Enhanced Learning</i> , 2019, 5, 102-107.	0.7	0
84	A beginner's view of end of life care on German intensive care units. <i>BMC Anesthesiology</i> , 2022, 22, 151.	1.8	0