

Sulaiman S Somani

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,762
citations

304368

22
h-index

329751

37
g-index

47
all docs

47
docs citations

47
times ranked

5668
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence and Impact of Myocardial Injury in Patients Hospitalized With COVID-19 Infection. <i>Journal of the American College of Cardiology</i> , 2020, 76, 533-546.	1.2	592
2	AKI in Hospitalized Patients with COVID-19. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 151-160.	3.0	500
3	Coronavirus 2019 and People Living With Human Immunodeficiency Virus: Outcomes for Hospitalized Patients in New York City. <i>Clinical Infectious Diseases</i> , 2020, 71, 2933-2938.	2.9	189
4	Machine Learning to Predict Mortality and Critical Events in a Cohort of Patients With COVID-19 in New York City: Model Development and Validation. <i>Journal of Medical Internet Research</i> , 2020, 22, e24018.	2.1	174
5	Deep learning and the electrocardiogram: review of the current state-of-the-art. <i>Europace</i> , 2021, 23, 1179-1191.	0.7	111
6	Federated Learning of Electronic Health Records to Improve Mortality Prediction in Hospitalized Patients With COVID-19: Machine Learning Approach. <i>JMIR Medical Informatics</i> , 2021, 9, e24207.	1.3	108
7	Characterization of Patients Who Return to Hospital Following Discharge from Hospitalization for COVID-19. <i>Journal of General Internal Medicine</i> , 2020, 35, 2838-2844.	1.3	79
8	Drug response consistency in CCLE and CGP. <i>Nature</i> , 2016, 540, E9-E10.	13.7	64
9	Predictors for Patient Discharge Destination After Elective Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2017, 42, 1538-1544.	1.0	63
10	Frailty is associated with morbidity in adults undergoing elective anterior lumbar interbody fusion (ALIF) surgery. <i>Spine Journal</i> , 2017, 17, 538-544.	0.6	58
11	Anesthesia Duration as an Independent Risk Factor for Early Postoperative Complications in Adults Undergoing Elective ACDF. <i>Global Spine Journal</i> , 2017, 7, 727-734.	1.2	55
12	ASA Classification as a Risk Stratification Tool in Adult Spinal Deformity Surgery: A Study of 5805 Patients. <i>Global Spine Journal</i> , 2017, 7, 719-726.	1.2	54
13	Retrospective cohort study of clinical characteristics of 2199 hospitalised patients with COVID-19 in New York City. <i>BMJ Open</i> , 2020, 10, e040736.	0.8	50
14	Outcomes of Short Fusion versus Long Fusion for Adult Degenerative Scoliosis: A Systematic Review and Meta-analysis. <i>Orthopaedic Surgery</i> , 2017, 9, 342-349.	0.7	42
15	Early Complications and Outcomes in Adult Spinal Deformity Surgery: An NSQIP Study Based on 5803 Patients. <i>Global Spine Journal</i> , 2017, 7, 432-440.	1.2	39
16	Hospital-Acquired Conditions in Adult Spinal Deformity Surgery. <i>Spine</i> , 2017, 42, 595-602.	1.0	35
17	Using Deep-Learning Algorithms to Simultaneously Identify Right and Left Ventricular Dysfunction From the Electrocardiogram. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 395-410.	2.3	35
18	Elderly Age as a Risk Factor for 30-Day Postoperative Outcomes Following Elective Anterior Cervical Discectomy and Fusion. <i>Global Spine Journal</i> , 2017, 7, 425-431.	1.2	33

#	ARTICLE	IF	CITATIONS
19	Predictors for Non-Home Patient Discharge Following Elective Adult Spinal Deformity Surgery. <i>Global Spine Journal</i> , 2018, 8, 266-272.	1.2	31
20	Impact of Age on 30-day Complications After Adult Deformity Surgery. <i>Spine</i> , 2018, 43, 120-126.	1.0	28
21	Outcomes of Patients on Maintenance Dialysis Hospitalized with COVID-19. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 452-455.	2.2	25
22	Intramedullary Nail Fixation of Atypical Femur Fractures With Bone Marrow Aspirate Concentrate Leads to Faster Union: A Caseâ€“Control Study. <i>Journal of Orthopaedic Trauma</i> , 2017, 31, 358-362.	0.7	24
23	Bone morphogenetic protein use in spine surgery in the United States: how have we responded to the warnings?. <i>Spine Journal</i> , 2017, 17, 1247-1254.	0.6	23
24	Analysis of Risk Factors for Major Complications Following Elective Posterior Lumbar Fusion. <i>Spine</i> , 2017, 42, 1347-1354.	1.0	23
25	Impact of Preoperative Anemia on Outcomes in Adults Undergoing Elective Posterior Cervical Fusion. <i>Global Spine Journal</i> , 2017, 7, 787-793.	1.2	22
26	Contrastive learning improves critical event prediction in COVID-19 patients. <i>Patterns</i> , 2021, 2, 100389.	3.1	21
27	Comparing National Inpatient Sample and National Surgical Quality Improvement Program. <i>Spine</i> , 2017, 42, 565-572.	1.0	18
28	Blood Donation and COVID-19: Reconsidering the 3-Month Deferral Policy for Gay, Bisexual, Transgender, and Other Men Who Have Sex With Men. <i>American Journal of Public Health</i> , 2021, 111, 247-252.	1.5	15
29	Thirty-Day Morbidity Associated with Pelvic Fixation in Adult Patients Undergoing Fusion for Spinal Deformity. <i>Global Spine Journal</i> , 2017, 7, 39-46.	1.2	12
30	Diabetes Mellitus as a Risk Factor for Acute Postoperative Complications Following Elective Adult Spinal Deformity Surgery. <i>Global Spine Journal</i> , 2018, 8, 615-621.	1.2	12
31	Machine Learning in Cardiologyâ€“Ensuring Clinical Impact Lives Up to the Hype. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2020, 25, 379-390.	1.0	11
32	Preoperative Nutritional Status as a Risk Factor for Major Postoperative Complications Following Anterior Lumbar Interbody Fusion. <i>Global Spine Journal</i> , 2018, 8, 662-667.	1.2	10
33	Relational Learning Improves Prediction of Mortality in COVID-19 in the Intensive Care Unit. <i>IEEE Transactions on Big Data</i> , 2021, 7, 38-44.	4.4	10
34	High-Risk Subgroup Membership Is a Predictor of 30-Day Morbidity Following Anterior Lumbar Fusion. <i>Global Spine Journal</i> , 2017, 7, 762-769.	1.2	9
35	Development of a machine learning model using electrocardiogram signals to improve acute pulmonary embolism screening. <i>European Heart Journal Digital Health</i> , 2022, 3, 56-66.	0.7	5
36	Health Equity in Artificial Intelligence and Primary Care Research: Protocol for a Scoping Review. <i>JMIR Research Protocols</i> , 2021, 10, e27799.	0.5	3

#	ARTICLE	IF	CITATIONS
37	Development and validation of techniques for phenotyping ST-elevation myocardial infarction encounters from electronic health records. JAMIA Open, 2021, 4, ooab068.	1.0	1