

Mohammed Osman

List of Publications by Year in descending order

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108
papers

1,158
citations

471509

17
h-index

526287

27
g-index

108
all docs

108
docs citations

108
times ranked

1836
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex-based outcomes of surgical myectomy for hypertrophic cardiomyopathy: An analysis from the National Readmission Database. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 166, 504-511.e1.	0.8	4
2	Baseline characteristics and outcomes of end-stage renal disease patients after in-hospital sudden cardiac arrest: a national perspective. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 63, 503-512.	1.3	2
3	Association Between Breast Arterial Calcification on Mammography and Coronary Artery Disease: A Systematic Review and Meta-Analysis. <i>Journal of Women's Health</i> , 2022, 31, 1719-1726.	3.3	9
4	Index Admission and Thirty-Day Readmission Outcomes of Patients With Cancer Presenting With STEMI. <i>Cardiovascular Revascularization Medicine</i> , 2022, 35, 121-128.	0.8	3
5	<scp>Gender-based</scp> outcomes of coronary bifurcation stenting: A report from the National Readmission Database. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 433-439.	1.7	4
6	Differential Impact of Type 1 and Type 2 Diabetes Mellitus on Outcomes Among 1.4 Million US Patients Undergoing Percutaneous Coronary Intervention. <i>Cardiovascular Revascularization Medicine</i> , 2022, 38, 83-88.	0.8	5
7	Trends in outcomes, cost, and readmissions of transcatheter edge to edge repair in the United States (2014-2018). <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 949-955.	1.7	9
8	Association of Chronic Kidney Disease With In-Hospital Outcomes of Endovascular Stroke Interventions. <i>Cardiovascular Revascularization Medicine</i> , 2022, 34, 121-125.	0.8	4
9	Interhospital Readmissions and Early Post-Discharge Outcomes of Transcatheter Mitral Valve Edge-to-Edge Repair. <i>Cardiovascular Revascularization Medicine</i> , 2022, 41, 10-16.	0.8	2
10	Management and outcomes of acute myocardial infarction in patients with preexisting heart failure: an analysis of 2 million patients from the national inpatient sample. <i>Expert Review of Cardiovascular Therapy</i> , 2022, 20, 233-240.	1.5	3
11	Age stratified sex-related differences in incidence, management, and outcomes of cardiogenic shock. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 1984-1995.	1.7	4
12	Meta-Analysis Comparing Carotid Artery Stenting With Endarterectomy for Asymptomatic Carotid Artery Stenosis. <i>American Journal of Cardiology</i> , 2022, 171, 178-179.	1.6	0
13	CT assessment of the left atrial appendage post-transcatheter occlusion - A systematic review and meta analysis. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 348-355.	1.3	11
14	In-hospital outcomes of percutaneous mitral valve repair in patients with chronic obstructive pulmonary disease: insights from the national inpatient sample database. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E104-E112.	1.7	2
15	Induced Hypothermia in Patients with Cardiac Arrest and a Non-shockable Rhythm: Meta-analysis and Trial Sequential Analysis. <i>Neurocritical Care</i> , 2021, 34, 279-286.	2.4	3
16	A Meta-analysis of Intravenous Iron Therapy for Patients With Iron Deficiency and Heart Failure. <i>American Journal of Cardiology</i> , 2021, 141, 152-153.	1.6	10
17	Impact of pre-existent vascular and poly-vascular disease on acute myocardial infarction management and outcomes: An analysis of 2 million patients from the National Inpatient Sample. <i>International Journal of Cardiology</i> , 2021, 327, 1-8.	1.7	14
18	Mortality and functional outcomes of endovascular stroke therapy in the United States. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 470-474.	1.7	11

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19	The state of renal sympathetic denervation for the management of patients with hypertension: A systematic review and meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E438-E445.	1.7	3
20	Gender-based outcomes of impeller pumps percutaneous ventricular assist devices. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E627-E635.	1.7	5
21	Sex-stratified analysis of the safety of percutaneous left atrial appendage occlusion. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 885-892.	1.7	23
22	Meta-analysis of Direct Oral Anticoagulants in Patients With Atrial Fibrillation and Bioprosthetic Valves. <i>American Journal of Cardiology</i> , 2021, 142, 140-141.	1.6	4
23	Meta-Analysis of Drug-Coated Balloons Versus Drug-Eluting Stents for Small Vessel De-Novo Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2021, 142, 157-158.	1.6	0
24	Meta-Analysis Comparing Ticagrelor or Prasugrel Versus Clopidogrel in Patients Undergoing Elective Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2021, 143, 160-162.	1.6	0
25	Meta-analysis of restrictive versus liberal blood transfusion among patients with coronary artery disease. <i>Journal of Thrombosis and Thrombolysis</i> , 2021, 52, 1081-1083.	2.1	0
26	National Trends in Mechanical and Bioprosthetic Valve Replacement Among Women of Childbearing Age. <i>American Journal of Cardiology</i> , 2021, 146, 137-138.	1.6	0
27	Familial hypercholesterolemia related admission for acute coronary syndrome in the United States: Incidence, predictors, and outcomes. <i>Journal of Clinical Lipidology</i> , 2021, 15, 460-465.	1.5	6
28	Meta-Analysis of Sodium-Glucose Cotransporter 2 Inhibitors in Heart Failure Patients Without Diabetes. <i>American Journal of Cardiology</i> , 2021, 148, 175-176.	1.6	1
29	Meta-analysis of Pacemaker Therapy in Patients With Neurocardiogenic Syncope. <i>American Journal of Cardiology</i> , 2021, 149, 159-160.	1.6	0
30	Regional Variation in the Adoption of Invasive Hemodynamic Monitoring for Cardiogenic Shock in the United States. <i>American Journal of Cardiology</i> , 2021, 148, 174-175.	1.6	5
31	Imaging-guided cardiac resynchronization therapy: A meta-analysis of randomized controlled trials. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 1570-1576.	1.2	2
32	Reviving Invasive Hemodynamic Monitoring in Cardiogenic Shock. <i>Invasive Hemodynamic Monitoring in Cardiogenic Shock. American Journal of Cardiology</i> , 2021, 150, 128-129.	1.6	5
33	Association of chronic kidney disease and end-stage renal disease with procedural complications and in-hospital outcomes from left atrial appendage occlusion device implantation in patients with atrial fibrillation: Insights from the national inpatient sample of 36,065 procedures. <i>Heart Rhythm O2</i> , 2021, 2, 472-479.	1.7	14
34	Ablation Versus Antiarrhythmic Drugs as First-Line Treatment of Paroxysmal Atrial Fibrillation: A Meta-Analysis of Randomized Trials. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009692.	4.8	11
35	Fifteen-Year Trends in Incidence of Cardiogenic Shock Hospitalization and In-Hospital Mortality in the United States. <i>Journal of the American Heart Association</i> , 2021, 10, e021061.	3.7	70
36	Clinical and demographic factors associated with stimulant use disorder in a rural heart failure population. <i>Drug and Alcohol Dependence</i> , 2021, 229, 109060.	3.2	2

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37	Trends in cardiovascular mortality of cancer patients in the US over two decades 1999â€­2019. International Journal of Clinical Practice, 2021, 75, e14841.	1.7	5
38	Meta-analysis of Surgical Left Atrial Appendage Occlusion During Cardiac Surgery. American Journal of Cardiology, 2021, 155, 150-151.	1.6	2
39	Racial Differences in the Prevalence of Diagnosed Atrial Fibrillation Among Hospitalized Patients. Mayo Clinic Proceedings, 2021, 96, 2495-2497.	3.0	2
40	Invasive Hemodynamic Monitoring in Cardiogenic Shock Is Associated With Lower In-Hospital Mortality. Journal of the American Heart Association, 2021, 10, e021808.	3.7	22
41	Meta-Analysis of Implantable Loop Recorder for Atrial Fibrillation Detection in Patients With Ischemic Stroke. American Journal of Cardiology, 2021, 161, 115-116.	1.6	3
42	Interventions for Secondary Mitral Regurgitation in Patients With Heart Failure: A Network Meta-Analysis of Randomized Controlled Comparisons of Surgery, Medical Therapy and Transcatheter Intervention. Cardiovascular Revascularization Medicine, 2020, 21, 155-163.	0.8	7
43	Meta-Analysis of Transcatheter Aortic Valve Replacement in Low-Risk Patients. American Journal of Medicine, 2020, 133, e38-e41.	1.5	9
44	Clinical and economic burden of heparin-induced thrombocytopenia in hospitalized patients undergoing percutaneous peripheral arterial interventions. Vascular, 2020, 28, 81-86.	0.9	1
45	Trends, Outcomes, and Predictors of Revascularization in Cardiogenic Shock. American Journal of Cardiology, 2020, 125, 328-335.	1.6	14
46	Meta-Analysis Comparing Complete Versus Infarct-Related Artery Revascularization in Patients With ST-Elevation Myocardial Infarction and Multivessel Coronary Disease. American Journal of Cardiology, 2020, 125, 513-520.	1.6	10
47	The dawn of aspirin free strategy after short term dual antiplatelet for percutaneous coronary intervention: meta-analysis of randomized controlled trials. Journal of Thrombosis and Thrombolysis, 2020, 49, 184-191.	2.1	8
48	Elevated d-Dimer Levels Are Associated With Increased Risk of Mortality in Coronavirus Disease 2019. Cardiology in Review, 2020, 28, 295-302.	1.4	96
49	Outcomes of Transcatheter Aortic Valve Replacement With Percutaneous Coronary Intervention versus Surgical Aortic Valve Replacement With Coronary Artery Bypass Grafting. American Journal of Cardiology, 2020, 137, 83-88.	1.6	10
50	Transcatheter Aortic Valve Replacement vs Surgical Replacement in Patients With Pure Aortic Insufficiency. Mayo Clinic Proceedings, 2020, 95, 2655-2664.	3.0	20
51	Trends, Predictors and Outcomes After Utilization of Targeted Temperature Management in Cardiac Arrest Patients With Anoxic Brain Injury. American Journal of the Medical Sciences, 2020, 360, 363-371.	1.1	3
52	Meta-Analysis of the Effect of Percutaneous Coronary Intervention on Death and Myocardial Infarction in Patients With Stable Coronary Artery Disease and Inducible Myocardial Ischemia. American Journal of Cardiology, 2020, 133, 171-174.	1.6	3
53	Meta-analysis of Left Atrial Appendage Closure Versus Anticoagulation in Patients With Atrial Fibrillation. American Journal of Cardiology, 2020, 132, 181-182.	1.6	2
54	Usefulness of Semisupervised Machine-Learning-Based Phenogrouping to Improve Risk Assessment for Patients Undergoing Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2020, 136, 122-130.	1.6	10

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55	Comparison of Outcomes in Patients With Takotsubo Syndrome With-vs-Without Cardiogenic Shock. American Journal of Cardiology, 2020, 136, 24-31.	1.6	13
56	Meta-Analysis of Aspirin Monotherapy Versus Dual Antiplatelet Therapy After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2020, 135, 187-188.	1.6	2
57	Meta-analysis of device related thrombosis after left atrial appendage occlusion in women versus men. Cardiovascular Revascularization Medicine, 2020, 31, 89-90.	0.8	1
58	Sodium-Glucose Cotransporter-2 Inhibitors in Heart Failure: A Meta-Analysis of Randomized Clinical Trials. American Journal of Medicine, 2020, 133, e625-e630.	1.5	23
59	Targeted temperature management in cardiac arrest patients with a non-shockable rhythm: A national perspective. American Heart Journal, 2020, 225, 129-137.	2.7	6
60	Contemporary Trends and Outcomes in Patients With ST-Segment Elevation Myocardial Infarction and End-Stage Renal Disease on Dialysis: Insight from the National Inpatient Sample. Cardiovascular Revascularization Medicine, 2020, 21, 1474-1481.	0.8	4
61	Genotype-Guided Strategy for P2Y12 Inhibitors in Coronary Artery Disease. JACC: Cardiovascular Interventions, 2020, 13, 659-661.	2.9	3
62	Contemporary trends and outcomes in aortic valve replacement in patients with end-stage liver disease. Catheterization and Cardiovascular Interventions, 2020, 96, 947-955.	1.7	6
63	Safety and efficacy of short-term (1 to 3 months) dual antiplatelet therapy in patients undergoing percutaneous coronary interventions: a meta-analysis of randomized controlled trials. Journal of Thrombosis and Thrombolysis, 2020, 50, 867-873.	2.1	4
64	Radial versus femoral access for percutaneous coronary intervention in patients with ST-segment elevation myocardial infarction: Trial sequential analysis. American Heart Journal, 2020, 224, 98-104.	2.7	8
65	Comparative Outcomes of Mitral Valve in Valve Implantation Versus Redo Mitral Valve Replacement for Degenerated Bioprostheses. American Journal of Cardiology, 2020, 132, 175-176.	1.6	10
66	Meta-analysis of bivalirudin versus heparin in transradial coronary interventions. Catheterization and Cardiovascular Interventions, 2020, 96, 1240-1248.	1.7	8
67	Short-Term Antiplatelet Versus Anticoagulant Therapy After Left Atrial Appendage Occlusion. JACC: Clinical Electrophysiology, 2020, 6, 494-506.	3.2	16
68	Meta-Analysis of Secondary Prevention of Cryptogenic Stroke. Cardiovascular Revascularization Medicine, 2020, 21, 1285-1290.	0.8	1
69	Antithrombotic therapy for atrial fibrillation with stable coronary artery disease: a meta-analysis of randomized controlled trials. Journal of Thrombosis and Thrombolysis, 2020, 50, 395-398.	2.1	6
70	Meta-analysis of Drug-Coated Balloons in the Treatment of De-Novo Coronary Artery Disease. American Journal of Cardiology, 2020, 125, 1451-1453.	1.6	0
71	Mechanical Circulatory Support in Patients with Cardiogenic Shock. Current Treatment Options in Cardiovascular Medicine, 2020, 22, 4.	0.9	9
72	Colchicine therapy in patients with coronary artery disease. Coronary Artery Disease, 2020, Publish Ahead of Print, 441-447.	0.7	9

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73	Meta-Analysis Comparing Transcatheter Aortic Valve Implantation With Balloon Versus Self-Expandable Valves. American Journal of Cardiology, 2019, 124, 1252-1256.	1.6	18
74	Trial Sequential Analysis of Drug-Eluting Stents Versus Bare-Metal Stents in Saphenous Vein Graft Intervention. American Journal of Cardiology, 2019, 124, 823-824.	1.6	0
75	Antiarrhythmic Drugs or Catheter Ablation in the Management of Ventricular Tachyarrhythmias in Patients With Implantable Cardioverter-Defibrillators. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007600.	4.8	20
76	Personalized antiplatelet therapy in patients with coronary artery disease undergoing percutaneous coronary intervention: A network meta-analysis of randomized clinical trials. Catheterization and Cardiovascular Interventions, 2019, 94, 181-186.	1.7	5
77	Impact of Atrial Fibrillation on Clinical Outcomes, Resource Utilization and Cost of Transcatheter Aortic Valve Replacement. Structural Heart, 2019, 3, 438-440.	0.6	0
78	Ticagrelor after pharmacological thrombolysis in patients with ST-segment elevation myocardial infarctions: insight from a trial sequential analysis. Journal of Thrombosis and Thrombolysis, 2019, 48, 661-667.	2.1	4
79	The fading role of triple therapy in patients with atrial fibrillation and acute coronary syndrome: a Bayesian network meta-analysis. Journal of Thrombosis and Thrombolysis, 2019, 48, 516-518.	2.1	1
80	Meta-Analysis of Outcomes of Transcatheter Aortic Valve Implantation Among Patients With Low Gradient Severe Aortic Stenosis. American Journal of Cardiology, 2019, 124, 423-429.	1.6	17
81	Meta-Analysis Comparing Renal Outcomes after Transcatheter versus Surgical Aortic Valve Replacement. Journal of Interventional Cardiology, 2019, 2019, 1-9.	1.2	18
82	Dual versus triple therapy for patients with atrial fibrillation and acute coronary syndrome: a meta-analysis and trial sequential analysis of randomized controlled trials. Journal of Thrombosis and Thrombolysis, 2019, 48, 511-513.	2.1	5
83	Best duration of dual antiplatelet therapy after drug-eluting stent implantation: an updated network meta-analysis of randomized controlled trials. Journal of Community Hospital Internal Medicine Perspectives, 2019, 9, 9-17.	0.8	3
84	Meta-analysis of Percutaneous Coronary Intervention Versus Medical Therapy in the Treatment of Coronary Chronic Total Occlusion. American Journal of Cardiology, 2019, 123, 2060-2062.	1.6	4
85	<i>CYP2C19</i> pharmacogenetics versus standard of care dosing for selecting antiplatelet therapy in patients with coronary artery disease: A meta-analysis of randomized clinical trials. Catheterization and Cardiovascular Interventions, 2019, 93, 1246-1252.	1.7	27
86	Alcohol septal ablation vs myectomy for symptomatic hypertrophic obstructive cardiomyopathy: Systematic review and meta-analysis. Clinical Cardiology, 2019, 42, 190-197.	1.8	41
87	Drug-Eluting Versus Bare-Metal Stents in Older Patients: A Meta-Analysis of Randomized Controlled Trials. Cardiovascular Revascularization Medicine, 2019, 20, 744-751.	0.8	5
88	Transcatheter versus surgical aortic valve replacement in low-risk surgical patients: A meta-analysis of randomized clinical trials. Cardiovascular Revascularization Medicine, 2019, 20, 838-842.	0.8	17
89	Restrictive versus liberal red blood cell transfusion for cardiac surgery: a systematic review and meta-analysis of randomized controlled trials. Journal of Thrombosis and Thrombolysis, 2019, 47, 179-185.	2.1	28
90	Clopidogrel and aspirin after ischemic stroke or transient ischemic attack: an updated systematic review and meta-analysis of randomized clinical trials. Journal of Thrombosis and Thrombolysis, 2019, 47, 233-247.	2.1	32

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91	Patent foramen ovale closure versus medical therapy after cryptogenic stroke: An updated meta-analysis of all randomized clinical trials. <i>Cardiology Journal</i> , 2019, 26, 47-55.	1.2	11
92	Percutaneous Closure of Patent Foramen Ovale in Migraine. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 816-818.	2.9	19
93	Intra-thoracic Impedance and the Onset of Atrial and Ventricular Tachyarrhythmias: A Meta-analysis. <i>International Journal of Cardiology</i> , 2018, 258, 144-150.	1.7	9
94	Syphilitic gastritis: a rare presentation of secondary syphilis. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2017-223868.	0.5	4
95	Anti-atherosclerotic effect of incretin mimetics: a meta-analysis of randomized controlled trials. <i>Journal of Community Hospital Internal Medicine Perspectives</i> , 2018, 8, 349-356.	0.8	3
96	Association between changes in the intrathoracic impedance and ventricular arrhythmias in patients with heart failure. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018, 41, 1577-1582.	1.2	6
97	Catheter ablation of atrial fibrillation with heart failure: An updated meta-analysis of randomized trials. <i>International Journal of Cardiology</i> , 2018, 269, 170-173.	1.7	23
98	Ticagrelor versus clopidogrel after fibrinolytic therapy in patients with ST-elevation myocardial infarction: a systematic review and meta-analysis of randomized clinical trials. <i>Journal of Thrombosis and Thrombolysis</i> , 2018, 46, 299-303.	2.1	18
99	The short- and long-term outcomes of percutaneous intervention with drug-eluting stent vs bare-metal stent in saphenous vein graft disease: An updated meta-analysis of all randomized clinical trials. <i>Clinical Cardiology</i> , 2018, 41, 685-692.	1.8	7
100	Drug-eluting stents versus bare-metal stents in saphenous vein grafts: a double-blind, randomised trial. <i>Lancet, The</i> , 2018, 391, 1997-2007.	13.7	70
101	Computed tomography pulmonary angiography is overused to diagnose pulmonary embolism in the emergency department of academic community hospital. <i>Journal of Community Hospital Internal Medicine Perspectives</i> , 2018, 8, 6-10.	0.8	20
102	Tenecteplase versus alteplase for management of acute ischemic stroke: a pairwise and network meta-analysis of randomized clinical trials. <i>Journal of Thrombosis and Thrombolysis</i> , 2018, 46, 440-450.	2.1	84
103	From a burn scar to malignancy! Marjolin's ulcer, a disease of wound neglect. <i>Oxford Medical Case Reports</i> , 2018, 2018, omy044.	0.4	4
104	Abstract 17283: De-Escalation of Antiplatelet Therapy in Patients With Coronary Artery Disease Undergoing Percutaneous Coronary Intervention: A Meta-Analysis of Randomized Clinical Trials. <i>Circulation</i> , 2018, 138, .	1.6	0
105	A case of hypersomnia due to bilateral thalamic stroke. <i>Clinical Case Reports (discontinued)</i> , 2017, 5, 1722-1723.	0.5	2
106	A rare case of gastric mixed adenoneuroendocrine carcinoma (MANEC) with gastric <i>Helicobacter pylori</i> -negative mucosa-associated lymphoid tissue (MALT) lymphoma. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-220421.	0.5	3
107	Oesophageal cancer presenting as Lemierre's syndrome caused by <i>Streptococcus anginosus</i> . <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-219661.	0.5	10
108	A rare case of Epstein-Barr virus mucocutaneous ulcer of the colon. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-220717.	0.5	13