

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	Elevated d-Dimer Levels Are Associated With Increased Risk of Mortality in Coronavirus Disease 2019. <i>Cardiology in Review</i> , 2020, 28, 295-302.	1.4	96
2	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
3	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
4	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
5	Alcohol septal ablation vs myectomy for symptomatic hypertrophic obstructive cardiomyopathy: Systematic review and meta-analysis. <i>Clinical Cardiology</i> , 2019, 42, 190-197.	1.8	41
6	Clopidogrel and aspirin after ischemic stroke or transient ischemic attack: an updated systematic review and meta-analysis of randomized clinical trials. <i>Journal of Thrombosis and Thrombolysis</i> , 2019, 47, 233-247.	2.1	32
7	Restrictive versus liberal red blood cell transfusion for cardiac surgery: a systematic review and meta-analysis of randomized controlled trials. <i>Journal of Thrombosis and Thrombolysis</i> , 2019, 47, 179-185.	2.1	28
8	CYP2C19 pharmacogenetics versus standard of care dosing for selecting antiplatelet therapy in patients with coronary artery disease: A meta-analysis of randomized clinical trials. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 1246-1252.	1.7	27
9	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
10	Sodium-Glucose Cotransporter-2 Inhibitors in Heart Failure: A Meta-Analysis of Randomized Clinical Trials. <i>American Journal of Medicine</i> , 2020, 133, e625-e630.	1.5	23
11	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
12	Invasive Hemodynamic Monitoring in Cardiogenic Shock Is Associated With Lower In-Hospital Mortality. <i>Journal of the American Heart Association</i> , 2021, 10, e021808.	3.7	22
13	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
14	Antiarrhythmic Drugs or Catheter Ablation in the Management of Ventricular Tachyarrhythmias in Patients With Implantable Cardioverter-Defibrillators. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007600.	4.8	20
15	Transcatheter Aortic Valve Replacement vs Surgical Replacement in Patients With Pure Aortic Insufficiency. <i>Mayo Clinic Proceedings</i> , 2020, 95, 2655-2664.	3.0	20
16	Percutaneous Closure of Patent Foramen Ovale in Migraine. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 816-818.	2.9	19
17	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
18	Meta-Analysis Comparing Transcatheter Aortic Valve Implantation With Balloon Versus Self-Expandable Valves. <i>American Journal of Cardiology</i> , 2019, 124, 1252-1256.	1.6	18

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19	Meta-Analysis Comparing Renal Outcomes after Transcatheter versus Surgical Aortic Valve Replacement. <i>Journal of Interventional Cardiology</i> , 2019, 2019, 1-9.	1.2	18
20	Meta-Analysis of Outcomes of Transcatheter Aortic Valve Implantation Among Patients With Low Gradient Severe Aortic Stenosis. <i>American Journal of Cardiology</i> , 2019, 124, 423-429.	1.6	17
21	Transcatheter versus surgical aortic valve replacement in low-risk surgical patients: A meta-analysis of randomized clinical trials. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 838-842.	0.8	17
22	Short-Term Antiplatelet Versus Anticoagulant Therapy After Left Atrial Appendage Occlusion. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 494-506.	3.2	16
23	Trends, Outcomes, and Predictors of Revascularization in Cardiogenic Shock. <i>American Journal of Cardiology</i> , 2020, 125, 328-335.	1.6	14
24	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
25	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
26	Comparison of Outcomes in Patients With Takotsubo Syndrome With-vs-Without Cardiogenic Shock. <i>American Journal of Cardiology</i> , 2020, 136, 24-31.	1.6	13
27	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
28	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
29	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
30	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
31	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
32	Meta-Analysis Comparing Complete Versus Infarct-Related Artery Revascularization in Patients With ST-Elevation Myocardial Infarction and Multivessel Coronary Disease. <i>American Journal of Cardiology</i> , 2020, 125, 513-520.	1.6	10
33	Outcomes of Transcatheter Aortic Valve Replacement With Percutaneous Coronary Intervention versus Surgical Aortic Valve Replacement With Coronary Artery Bypass Grafting. <i>American Journal of Cardiology</i> , 2020, 137, 83-88.	1.6	10
34	Usefulness of Semisupervised Machine-Learning-Based Phenogrouping to Improve Risk Assessment for Patients Undergoing Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2020, 136, 122-130.	1.6	10
35	Comparative Outcomes of Mitral Valve in Valve Implantation Versus Redo Mitral Valve Replacement for Degenerated Bioprostheses. <i>American Journal of Cardiology</i> , 2020, 132, 175-176.	1.6	10
36	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

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37	Oesophageal cancer presenting as Lemierre's syndrome caused by <i>Streptococcus anginosus</i> . BMJ Case Reports, 2017, 2017, bcr-2017-219661.	0.5	10
38	Intra-thoracic Impedance and the Onset of Atrial and Ventricular Tachyarrhythmias: A Meta-analysis. International Journal of Cardiology, 2018, 258, 144-150.	1.7	9
39	Meta-Analysis of Transcatheter Aortic Valve Replacement in Low-Risk Patients. American Journal of Medicine, 2020, 133, e38-e41.	1.5	9
40	Association Between Breast Arterial Calcification on Mammography and Coronary Artery Disease: A Systematic Review and Meta-Analysis. Journal of Women's Health, 2022, 31, 1719-1726.	3.3	9
41	Trends in outcomes, cost, and readmissions of transcatheter edge to edge repair in the United States (2014-2018). Catheterization and Cardiovascular Interventions, 2022, 99, 949-955.	1.7	9
42	Mechanical Circulatory Support in Patients with Cardiogenic Shock. Current Treatment Options in Cardiovascular Medicine, 2020, 22, 4.	0.9	9
43	Colchicine therapy in patients with coronary artery disease. Coronary Artery Disease, 2020, Publish Ahead of Print, 441-447.	0.7	9
44	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
45	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
46	Meta-analysis of bivalirudin versus heparin in transradial coronary interventions. Catheterization and Cardiovascular Interventions, 2020, 96, 1240-1248.	1.7	8
47	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. Clinical Cardiology, 2018, 41, 685-692.	1.8	7
48	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
49	Association between changes in the intrathoracic impedance and ventricular arrhythmias in patients with heart failure. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 1577-1582.	1.2	6
50	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
51	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
52	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
53	Familial hypercholesterolemia related admission for acute coronary syndrome in the United States: Incidence, predictors, and outcomes. Journal of Clinical Lipidology, 2021, 15, 460-465.	1.5	6
54	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

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55	Dual versus triple therapy for patients with atrial fibrillation and acute coronary syndrome: a meta-analysis and trial sequential analysis of randomized controlled trials. <i>Journal of Thrombosis and Thrombolysis</i> , 2019, 48, 511-513.	2.1	5
56	Drug-Eluting Versus Bare-Metal Stents in Older Patients: A Meta-Analysis of Randomized Controlled Trials. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 744-751.	0.8	5
57	Gender-based outcomes of impeller pumps percutaneous ventricular assist devices. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E627-E635.	1.7	5
58	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
59	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
60	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
61	Trends in cardiovascular mortality of cancer patients in the US over two decades 1999-2019. <i>International Journal of Clinical Practice</i> , 2021, 75, e14841.	1.7	5
62	Syphilitic gastritis: a rare presentation of secondary syphilis. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2017-223868.	0.5	4
63	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
64	Ticagrelor after pharmacological thrombolysis in patients with ST-segment elevation myocardial infarctions: insight from a trial sequential analysis. <i>Journal of Thrombosis and Thrombolysis</i> , 2019, 48, 661-667.	2.1	4
65	Meta-analysis of Percutaneous Coronary Intervention Versus Medical Therapy in the Treatment of Coronary Chronic Total Occlusion. <i>American Journal of Cardiology</i> , 2019, 123, 2060-2062.	1.6	4
66	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. <i>Cardiovascular Revascularization Medicine</i> , 2020, 21, 1474-1481.	0.8	4
67	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. <i>Journal of Thrombosis and Thrombolysis</i> , 2020, 50, 867-873.	2.1	4
68	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
69	Gender-based 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
70	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
71	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
72	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

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73	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
74	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
75	Best duration of dual antiplatelet therapy after drug-eluting stent implantation: an updated network meta-analysis of randomized controlled trials. <i>Journal of Community Hospital Internal Medicine Perspectives</i> , 2019, 9, 9-17.	0.8	3
76	Trends, Predictors and Outcomes After Utilization of Targeted Temperature Management in Cardiac Arrest Patients With Anoxic Brain Injury. <i>American Journal of the Medical Sciences</i> , 2020, 360, 363-371.	1.1	3
77	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. <i>American Journal of Cardiology</i> , 2020, 133, 171-174.	1.6	3
78	Genotype-Guided Strategy for P2Y12 Inhibitors in Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 659-661.	2.9	3
79	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
80	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
81	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
82	Meta-Analysis of Implantable Loop Recorder for Atrial Fibrillation Detection in Patients With Ischemic Stroke. <i>American Journal of Cardiology</i> , 2021, 161, 115-116.	1.6	3
83	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
84	A case of hypersomnia due to bilateral thalamic stroke. <i>Clinical Case Reports (discontinued)</i> , 2017, 5, 1722-1723.	0.5	2
85	Meta-analysis of Left Atrial Appendage Closure Versus Anticoagulation in Patients With Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2020, 132, 181-182.	1.6	2
86	Meta-Analysis of Aspirin Monotherapy Versus Dual Antiplatelet Therapy After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2020, 135, 187-188.	1.6	2
87	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
88	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
89	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
90	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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91	Meta-analysis of Surgical Left Atrial Appendage Occlusion During Cardiac Surgery. American Journal of Cardiology, 2021, 155, 150-151.	1.6	2
92	Racial Differences in the Prevalence of Diagnosed Atrial Fibrillation Among Hospitalized Patients. Mayo Clinic Proceedings, 2021, 96, 2495-2497.	3.0	2
93	Interhospital Readmissions and Early Post-Discharge Outcomes of Transcatheter Mitral Valve Edge-to-Edge Repair. Cardiovascular Revascularization Medicine, 2022, 41, 10-16.	0.8	2
94	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
95	Clinical and economic burden of heparin-induced thrombocytopenia in hospitalized patients undergoing percutaneous peripheral arterial interventions. Vascular, 2020, 28, 81-86.	0.9	1
96	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
97	Meta-Analysis of Secondary Prevention of Cryptogenic Stroke. Cardiovascular Revascularization Medicine, 2020, 21, 1285-1290.	0.8	1
98	Meta-Analysis of Sodium-Glucose Cotransporter 2 Inhibitors in Heart Failure Patients Without Diabetes. American Journal of Cardiology, 2021, 148, 175-176.	1.6	1
99	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
100	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
101	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
102	Meta-Analysis of Drug-Coated Balloons Versus Drug-Eluting Stents for Small Vessel De-Novo Coronary Artery Disease. American Journal of Cardiology, 2021, 142, 157-158.	1.6	0
103	Meta-Analysis Comparing Ticagrelor or Prasugrel Versus Clopidogrel in Patients Undergoing Elective Percutaneous Coronary Intervention. American Journal of Cardiology, 2021, 143, 160-162.	1.6	0
104	Meta-analysis of restrictive versus liberal blood transfusion among patients with coronary artery disease. Journal of Thrombosis and Thrombolysis, 2021, 52, 1081-1083.	2.1	0
105	National Trends in Mechanical and Bioprosthetic Valve Replacement Among Women of Childbearing Age. American Journal of Cardiology, 2021, 146, 137-138.	1.6	0
106	Meta-analysis of Pacemaker Therapy in Patients With Neurocardiogenic Syncope. American Journal of Cardiology, 2021, 149, 159-160.	1.6	0
107	Abstract 17283: De-Escalation of Antiplatelet Therapy in Patients With Coronary Artery Disease Undergoing Percutaneous Coronary Intervention: A Meta-Analysis of Randomized Clinical Trials. Circulation, 2018, 138, .	1.6	0
108	Meta-Analysis Comparing Carotid Artery Stenting With Endarterectomy for Asymptomatic Carotid Artery Stenosis. American Journal of Cardiology, 2022, 171, 178-179.	1.6	0