

# Mohammad Abdelghani

## List of Publications by Year in descending order

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66  
papers

1,364  
citations

304743

22  
h-index

395702

33  
g-index

67  
all docs

67  
docs citations

67  
times ranked

1790  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Speed Rotational Atherectomy Versus Modified Balloons Prior to Drug-Eluting Stent Implantation in Severely Calcified Coronary Lesions. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e007415.	3.9	164
2	Bioprosthetic Valve Performance After Transcatheter Aortic Valve Replacement With Self-Expanding Versus Balloon-Expandable Valves in Large Versus Small Aortic Valve Annuli. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 2507-2518.	2.9	70
3	Long-term durability and haemodynamic performance of a self-expanding transcatheter heart valve beyond five years after implantation: a prospective observational study applying the standardised definitions of structural deterioration and valve failure. <i>EuroIntervention</i> , 2018, 14, e390-e396.	3.2	65
4	Infective Endocarditis After Melody Valve Implantation in the Pulmonary Position: A Systematic Review. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	62
5	Uncertainties and challenges in surgical and transcatheter tricuspid valve therapy: a state-of-the-art expert review. <i>European Heart Journal</i> , 2020, 41, 1932-1940.	2.2	43
6	Adjudicating paravalvular leaks of transcatheter aortic valves: a critical appraisal. <i>European Heart Journal</i> , 2016, 37, 2627-2644.	2.2	37
7	A Novel Angiographic Quantification of Aortic Regurgitation After TAVR Provides an Accurate Estimation of Regurgitation Fraction Derived From Cardiac Magnetic Resonance Imaging. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 287-297.	2.9	37
8	Historical developments of atrial septal defect closure devices: what we learn from the past. <i>Expert Review of Medical Devices</i> , 2016, 13, 555-568.	2.8	35
9	Quantitative assessment of the stent/scaffold strut embedment analysis by optical coherence tomography. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 871-883.	1.5	35
10	Single or dual antiplatelet therapy after PCI. <i>Nature Reviews Cardiology</i> , 2017, 14, 294-303.	13.7	35
11	Video densitometric assessment of aortic regurgitation after transcatheter aortic valve implantation: results from the Brazilian TAVI registry. <i>EuroIntervention</i> , 2016, 11, 1409-1418.	3.2	35
12	Acute performance of a novel restorative transcatheter aortic valve: preclinical results. <i>EuroIntervention</i> , 2017, 13, e1410-e1417.	3.2	34
13	Management of Patients with Patent Foramen Ovale and Cryptogenic Stroke: An Update. <i>Cardiology</i> , 2019, 143, 62-72.	1.4	32
14	Coronary Access After TAVR With a Self-Expanding Bioprosthesis. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 709-722.	2.9	32
15	From drug eluting stents to bioresorbable scaffolds; to new horizons in PCI. <i>Expert Review of Medical Devices</i> , 2016, 13, 271-286.	2.8	29
16	Impact of prosthesis iteration evolution and sizing practice on the incidence of prosthesis-patient mismatch after transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 971-979.	1.7	29
17	Non-invasive Heart Team assessment of multivessel coronary disease with coronary computed tomography angiography based on SYNTAX score II treatment recommendations: design and rationale of the randomised SYNTAX III Revolution trial. <i>EuroIntervention</i> , 2017, 12, 2001-2008.	3.2	28
18	Midterm performance of a novel restorative pulmonary valved conduit: preclinical results. <i>EuroIntervention</i> , 2017, 13, e1418-e1427.	3.2	28

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19	Angiographic assessment of aortic regurgitation by video-echodensitometry in the setting of TAVI: Echocardiographic and clinical correlates. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 650-659.	1.7	27
20	The Natural History of Nonculprit Lesions in STEMI. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 954-961.	2.9	27
21	Restorative valve therapy by endogenous tissue restoration: tomorrow's world? Reflection on the EuroPCR 2017 session on endogenous tissue restoration. <i>EuroIntervention</i> , 2017, 13, AA68-AA77.	3.2	27
22	Quantification by optical coherence tomography imaging of the ablation volume obtained with the Orbital Atherectomy System in calcified coronary lesions. <i>EuroIntervention</i> , 2016, 12, 1126-1134.	3.2	25
23	Transcatheter aortic valve implantation for mixed versus pure stenotic aortic valve disease. <i>EuroIntervention</i> , 2017, 13, 1157-1165.	3.2	24
24	Fate and long-term prognostic implications of mitral regurgitation in patients undergoing transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2019, 288, 39-43.	1.7	23
25	Quantitative Assessment of Acute Regurgitation Following TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1303-1311.	2.9	23
26	Echocardiographic and angiographic assessment of paravalvular regurgitation after TAVI: optimizing inter-technique reproducibility. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 852-860.	1.2	22
27	Guideline-defined futility or patient-reported outcomes to assess treatment success after TAVI: what to use? Results from a prospective cohort study with long-term follow-up. <i>Open Heart</i> , 2018, 5, e000879.	2.3	21
28	Videodensitometric quantification of paravalvular regurgitation of a transcatheter aortic valve: in vitro validation. <i>EuroIntervention</i> , 2018, 13, 1527-1535.	3.2	21
29	A simplified and reproducible method to size the mitral annulus: implications for transcatheter mitral valve replacement. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, jew132.	1.2	17
30	Intracoronary optical coherence tomography: Clinical and research applications and intravascular imaging software overview. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 89, 679-689.	1.7	17
31	Prevalence, predictors, and prognostic implications of residual impairment of functional capacity after transcatheter aortic valve implantation. <i>Clinical Research in Cardiology</i> , 2017, 106, 752-759.	3.3	17
32	Feasibility and clinical outcome of rotational atherectomy in patients presenting with an acute coronary syndrome. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 382-389.	1.7	17
33	Edge Vascular Response After Resorption of the Everolimus-Eluting Bioresorbable Vascular Scaffold—A 5-Year Serial Optical Coherence Tomography Study. <i>Circulation Journal</i> , 2016, 80, 1131-1141.	1.6	16
34	The interaction of de novo and pre-existing aortic regurgitation after TAVI: insights from a new quantitative aortographic technique. <i>EuroIntervention</i> , 2017, 13, 60-68.	3.2	15
35	Impact of Coronary Calcification on Clinical Outcomes After Implantation of Newer-Generation Drug-Eluting Stents. <i>Journal of the American Heart Association</i> , 2021, 10, e019815.	3.7	14
36	A novel synchronised diastolic injection method to reduce contrast volume during aortography for aortic regurgitation assessment: in vitro experiment of a transcatheter heart valve model. <i>EuroIntervention</i> , 2017, 13, 1288-1295.	3.2	14

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37	Assessment of the hemodynamic characteristics of Absorb BVS in a porcine coronary artery model. <i>International Journal of Cardiology</i> , 2017, 227, 467-473.	1.7	13
38	Differential aspects between cobalt-chromium everolimus drug-eluting stent and Absorb everolimus bioresorbable vascular scaffold: from bench to clinical use. <i>Expert Review of Cardiovascular Therapy</i> , 2015, 13, 1127-1145.	1.5	11
39	Inter-Technique Consistency and Prognostic Value of Intra-Procedural Angiographic and Echocardiographic Assessment of Aortic Regurgitation After Transcatheter Aortic Valve Implantation. <i>Circulation Journal</i> , 2018, 82, 2317-2325.	1.6	11
40	Transcatheter Aortic Valve Implantation in Lower-Risk Patients With Aortic Stenosis. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, e002944.	3.9	10
41	Coronary calcification as a mechanism of plaque/media shrinkage in vessels treated with bioresorbable vascular scaffold: A multimodality intracoronary imaging study. <i>Atherosclerosis</i> , 2018, 269, 6-13.	0.8	10
42	Predictors of residual tricuspid regurgitation after percutaneous closure of atrial septal defect. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 225-232.	1.2	9
43	Patient selection for TAVI in 2016: should we break through the low-risk barrier?. <i>EuroIntervention</i> , 2016, 12, Y46-Y50.	3.2	9
44	In-Vivo Stent Frame Infolding of a Self-Expanding Transcatheter Aortic Valve After Resheathing. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1204-1206.	2.9	8
45	Online Quantitative Aortographic Assessment of Aortic Regurgitation After TAVR. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 531-538.	2.9	8
46	Quantitative aortography assessment of aortic regurgitation. <i>EuroIntervention</i> , 2020, 16, e738-e756.	3.2	8
47	The Sinomed Medical AccuFit transcatheter mitral valve implantation system. <i>EuroIntervention</i> , 2015, 14, W84-W85.	3.2	8
48	The Role of Quantitative Aortographic Assessment of Aortic Regurgitation by Videodensitometry in the Guidance of Transcatheter Aortic Valve Implantation. <i>Arquivos Brasileiros De Cardiologia</i> , 2018, 111, 193-202.	0.8	8
49	Complex vs. non-complex percutaneous coronary intervention with newer-generation drug-eluting stents: an analysis from the randomized BIOFLOW trials. <i>Clinical Research in Cardiology</i> , 2022, 111, 795-805.	3.3	8
50	Role of Computed Tomography in Planning the Appropriate X-Ray Gantry for Quantitative Aortography of Post-transcatheter Aortic Valve Implantation Regurgitation. <i>Circulation Journal</i> , 2018, 82, 1943-1950.	1.6	7
51	Real-world feasibility of the VARC-recommended multiparametric approach for the assessment of post-TAVI aortic regurgitation. <i>International Journal of Cardiology</i> , 2016, 223, 220-221.	1.7	6
52	A granular approach to improve reproducibility of the echocardiographic assessment of paravalvular regurgitation after TAVI. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1519-1527.	1.5	6
53	Impact of Revascularization Completeness on Outcomes of Patients with Coronary Artery Disease Undergoing Transcatheter Aortic Valve Replacement. <i>Structural Heart</i> , 2019, 3, 393-400.	0.6	4
54	Polymer-free drug-coated vs. bare-metal coronary stents in patients undergoing non-cardiac surgery: a subgroup analysis of the LEADERS FREE trial. <i>Clinical Research in Cardiology</i> , 2021, 110, 162-171.	3.3	4

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55	Transcatheter Interventions for Tricuspid Regurgitation: Rationale, Overview of Current Technologies, and Future Perspectives. , 2018, , 353-377.		3
56	Aortic Root Geometric and Dynamic Changes After Device Closure of Interatrial Shunts. Journal of the American Society of Echocardiography, 2019, 32, 1016-1026.e5.	2.8	3
57	Optimisation of percutaneous coronary intervention: indispensables for bioresorbable scaffolds. Expert Review of Cardiovascular Therapy, 2016, 14, 1053-1070.	1.5	2
58	The year in cardiology 2015: coronary intervention. European Heart Journal, 2016, 37, ehv708.	2.2	2
59	Determinants of success and hemodynamic impact of balloon postdilatation of self-expanding transcatheter aortic valves. Catheterization and Cardiovascular Interventions, 2018, 92, 945-953.	1.7	2
60	Aortic Regurgitation as a Complication of Electrophysiologic Ablation Techniques: A Narrative Review. Current Cardiology Reviews, 2021, 17, .	1.5	2
61	Correlation and Relative Prognostic Value of Fractional Flow Reserve and Pd/Pa of Nonculprit Lesions in ST-Segmentâ€Elevation Myocardial Infarction. Circulation: Cardiovascular Interventions, 2022, 15, CIRCINTERVENTIONS121010796.	3.9	2
62	Transcatheter Aortic Valve Implantation With the Third Generation Balloon-Expandable Bioprosthesis in Patients With Severe Landing Zone Calcium. American Journal of Cardiology, 2020, 125, 931-940.	1.6	1
63	Impact of coronary calcification on outcomes after ABSORB scaffold implantation: insights from the GABI-R registry. Coronary Artery Disease, 2020, 31, 578-585.	0.7	1
64	Early results from an Egyptian transcatheter aortic valve registry (Egy-TVR). Egyptian Heart Journal, 2021, 73, 67.	1.2	0
65	Modified Technique to Control the Eutachian Valve During Transcatheter Closure of Atrial Septal Defect/Patent Foramen Ovale. European Heart Journal Supplements, 2021, 23, .	0.1	0
66	Access route and clinical outcomes after ticagrelor versus prasugrel in patients with acute coronary syndrome undergoing invasive treatment strategy. Cardiovascular Revascularization Medicine, 2022, , .	0.8	0