

Stefano Rigattieri

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77
papers

3,881
citations

23
h-index

62
g-index

95
ext. papers

4,514
ext. citations

4.9
avg, IF

4.31
L-index

#	Paper	IF	Citations
77	Radial versus femoral access in patients with acute coronary syndromes undergoing invasive management: a randomised multicentre trial. <i>Lancet, The</i> , 2015 , 385, 2465-76	40	790
76	Radial versus femoral approach for percutaneous coronary diagnostic and interventional procedures; Systematic overview and meta-analysis of randomized trials. <i>Journal of the American College of Cardiology</i> , 2004 , 44, 349-56	15.1	754
75	Radial versus femoral randomized investigation in ST-segment elevation acute coronary syndrome: the RIFLE-STEACS (Radial Versus Femoral Randomized Investigation in ST-Elevation Acute Coronary Syndrome) study. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 2481-9	15.1	707
74	Bivalirudin or Unfractionated Heparin in Acute Coronary Syndromes. <i>New England Journal of Medicine</i> , 2015 , 373, 997-1009	59.2	263
73	Comparison of transradial and transfemoral approaches for coronary angiography and angioplasty in octogenarians (the OCTOPLUS study). <i>American Journal of Cardiology</i> , 2004 , 94, 1177-80	3	154
72	Radial versus femoral access and bivalirudin versus unfractionated heparin in invasively managed patients with acute coronary syndrome (MATRIX): final 1-year results of a multicentre, randomised controlled trial. <i>Lancet, The</i> , 2018 , 392, 835-848	40	129
71	Acute Kidney Injury After Radial or Femoral Access for Invasive Acute Coronary Syndrome Management: AKI-MATRIX. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2592-2592	15.1	95
70	Open-label, randomized, placebo-controlled evaluation of intracoronary adenosine or nitroprusside after thrombus aspiration during primary percutaneous coronary intervention for the prevention of microvascular obstruction in acute myocardial infarction: the REOPEN-AMI study (Intracoronary Nitroprusside Versus Adenosine in Acute Myocardial Infarction). <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 1177-1186	5	74
69	Myocardial ischemia-reperfusion damage after pacing-induced tachycardia in patients with cardiac syndrome X. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H2627-33	5.2	49
68	MicroRNAs and ischemic heart disease: towards a better comprehension of pathogenesis, new diagnostic tools and new therapeutic targets. <i>Recent Patents on Cardiovascular Drug Discovery</i> , 2009 , 4, 109-18		46
67	Large, sustained cardiac lipid peroxidation and reduced antioxidant capacity in the coronary circulation after brief episodes of myocardial ischemia. <i>Journal of the American College of Cardiology</i> , 2000 , 35, 633-9	15.1	45
66	Radiation Exposure and Vascular Access in Acute Coronary Syndromes: The RAD-Matrix Trial. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2530-2537	15.1	41
65	Management of multivessel coronary disease after ST elevation myocardial infarction treated by primary angioplasty. <i>Journal of Interventional Cardiology</i> , 2008 , 21, 1-7	1.8	40
64	Dual antiplatelet therapy duration after coronary stenting in clinical practice: results of an EAPCI survey. <i>EuroIntervention</i> , 2015 , 11, 68-74	3.1	40
63	Design and rationale for the Minimizing Adverse haemorrhagic events by TRansradial access site and systemic Implementation of angioX program. <i>American Heart Journal</i> , 2014 , 168, 838-45.e6	4.9	38
62	Angiographic and clinical outcome of invasively managed patients with thrombosed coronary bare metal or drug-eluting stents: the OPTIMIST study. <i>European Heart Journal</i> , 2008 , 29, 3011-21	9.5	37
61	Bivalirudin or unfractionated heparin in patients with acute coronary syndromes managed invasively with and without ST elevation (MATRIX): randomised controlled trial. <i>BMJ, The</i> , 2016 , 354, i4935	5.9	36

60	Comparison of risk of acute kidney injury after primary percutaneous coronary interventions with the transradial approach versus the transfemoral approach (from the PRIPITENA urban registry). <i>American Journal of Cardiology</i> , 2014 , 114, 820-5	3	35
59	Timing of Oral P2Y Inhibitor Administration in Patients With Non-ST-Segment Elevation Acute Coronary Syndrome. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2450-2459	15.1	33
58	Early vasoreactive profile of skeletonized versus pedicled internal thoracic artery grafts. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003 , 125, 638-41	1.5	29
57	Italian Society of Interventional Cardiology (GISE) position paper for Cath lab-specific preparedness recommendations for healthcare providers in case of suspected, probable or confirmed cases of COVID-19. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, 839-843	2.7	25
56	Aspirin Desensitization in Patients With Coronary Artery Disease: Results of the Multicenter ADAPTED Registry (Aspirin Desensitization in Patients With Coronary Artery Disease). <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	23
55	Radial artery occlusion and hand strength after percutaneous coronary procedures: Results of the HANGAR study. <i>Catheterization and Cardiovascular Interventions</i> , 2016 , 87, 868-74	2.7	23
54	A clinical and angiographic study of the XIENCE V everolimus-eluting coronary stent system in the treatment of patients with multivessel coronary artery disease: the EXECUTIVE trial (Executive RCT: evaluating XIENCE V in a multi vessel disease). <i>JACC: Cardiovascular Interventions</i> , 2013 , 6, 1012-22	5	22
53	Instantaneous wave-free ratio and fractional flow reserve for the assessment of nonculprit lesions during the index procedure in patients with ST-segment elevation myocardial infarction: The WAVE study. <i>American Heart Journal</i> , 2017 , 193, 63-69	4.9	21
52	Radiation dose among different cardiac and vascular invasive procedures: The RODEO study. <i>International Journal of Cardiology</i> , 2017 , 240, 92-96	3.2	18
51	Meta-Analysis of Radial Versus Femoral Artery Approach for Coronary Procedures in Patients With Previous Coronary Artery Bypass Grafting. <i>American Journal of Cardiology</i> , 2016 , 117, 1248-55	3	17
50	Randomized comparison of operator radiation exposure comparing transradial and transfemoral approach for percutaneous coronary procedures: rationale and design of the minimizing adverse haemorrhagic events by TRansradial access site and systemic implementation of angioX - RAdiation Dose study (RAD-MATRIX). <i>Cardiovascular Revascularization Medicine</i> , 2014 , 15, 209-13	1.6	17
49	Determinants of operator radiation exposure during percutaneous coronary procedures. <i>American Heart Journal</i> , 2017 , 187, 10-18	4.9	15
48	Transradial versus transfemoral ancillary approach in complex structural, coronary, and peripheral interventions. Results from the multicenter ancillary registry: A study of the Italian Radial Club. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 91, 97-102	2.7	14
47	Safety of FFR-guided revascularisation deferral in Anatomically prognostic disease (FACE: CARDIOGROUP V STUDY): A prospective multicentre study. <i>International Journal of Cardiology</i> , 2018 , 270, 107-112	3.2	13
46	Comparison of two- and three-dimensional quantitative coronary angiography to intravascular ultrasound in the assessment of intermediate left main stenosis. <i>American Journal of Cardiology</i> , 2012 , 109, 1600-7	3	13
45	Primary percutaneous coronary intervention in nonagenarians: six-month outcomes from a single-center registry. <i>Journal of Invasive Cardiology</i> , 2013 , 25, 242-5	0.7	13
44	Drug-eluting stents in a patient with favism: is the aspirin administration safe?. <i>Journal of Cardiovascular Medicine</i> , 2008 , 9, 1159-62	1.9	12
43	Transradial access and radiation exposure in diagnostic and interventional coronary procedures. <i>Journal of Invasive Cardiology</i> , 2014 , 26, 469-74	0.7	12

42	Operator radiation exposure during right or left transradial coronary angiography: A phantom study. <i>Cardiovascular Revascularization Medicine</i> , 2015 , 16, 386-90	1.6	11
41	Thrombus aspiration during primary angioplasty for cardiogenic shock. <i>International Journal of Cardiology</i> , 2010 , 140, 111-3	3.2	10
40	Assessing the cardiology community position on transradial intervention and the use of bivalirudin in patients with acute coronary syndrome undergoing invasive management: results of an EAPCI survey. <i>EuroIntervention</i> , 2016 , 12, 1154-1163	3.1	10
39	Transfemoral approach with systematic use of FemoSeal [®] closure device compared to transradial approach in primary angioplasty. <i>Catheterization and Cardiovascular Interventions</i> , 2016 , 87, 849-54	2.7	9
38	Angiographic predictors of recurrent stent thrombosis (from the Outcome of PCI for stent-Thrombosis Multicentre Study [OPTIMIST]). <i>American Journal of Cardiology</i> , 2010 , 105, 1710-5	3	9
37	Outcome of coronary lesions with deferred revascularization due to negative fractional flow reserve in subjects with acute coronary syndrome. <i>International Journal of Cardiology</i> , 2017 , 230, 335-338 ^{3,2}	3.2	8
36	Current practice of transradial approach for coronary procedures: A survey by the Italian Society of Interventional Cardiology (SICI-GISE) and the Italian Radial Club. <i>Cardiovascular Revascularization Medicine</i> , 2017 , 18, 154-159	1.6	8
35	Optical coherence tomography compared with fractional flow reserve guided approach in acute coronary syndromes: A propensity matched analysis. <i>International Journal of Cardiology</i> , 2017 , 244, 54-58 ^{3,2}	3.2	8
34	Randomized evaluation of intracoronary nitroprusside vs. adenosine after thrombus aspiration during primary percutaneous coronary intervention for the prevention of no-reflow in acute myocardial infarction: the REOPEN-AMI study protocol. <i>Journal of Cardiovascular Medicine</i> , 2009 , 10, 585-92	1.9	8
33	The Outcome of PCI for stent-Thrombosis Multicentre Study (OPTIMIST): rationale and design of a multicenter registry. <i>American Heart Journal</i> , 2007 , 153, 377.e1-5	4.9	7
32	Radiation dose absorbed by operators during transradial percutaneous coronary procedures comparing different protective drapes: the RADIATION study. <i>EuroIntervention</i> , 2017 , 12, e2253-e2261	3.1	7
31	Determinants of radiation dose during right transradial access: Insights from the RAD-MATRIX study. <i>American Heart Journal</i> , 2018 , 196, 113-118	4.9	6
30	Meta-Analysis of Head-to-Head Comparison of Intracoronary Versus Intravenous Adenosine for the Assessment of Fractional Flow Reserve. <i>American Journal of Cardiology</i> , 2017 , 120, 563-568	3	6
29	Bivalirudin or heparin in primary angioplasty performed through the transradial approach: results from a multicentre registry. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2014 , 3, 268-74	4.3	6
28	Coronary-to-bronchial artery fistula in a patient with multivessel coronary disease treated by percutaneous coronary intervention. <i>Journal of Cardiovascular Medicine</i> , 2010 , 11, 625-7	1.9	6
27	Optical coherence tomography appraisal of residual thrombus burden in patients with ST-segment elevation myocardial infarction undergoing intraprocedural versus post-stenting prolonged bivalirudin infusion. Rationale and design of the MATRIX (Minimizing Adverse Haemorrhagic Events by TRansradial Access Site and angioX) OCT substudy. <i>EuroIntervention</i> , 2015 , 10, 1311-7	3.1	6
26	A randomized comparison between rotational and standard coronary angiography. <i>Minerva Cardioangiologica</i> , 2005 , 53, 1-6	1.1	6
25	Comparison of intra-procedural vs. post-stenting prolonged bivalirudin infusion for residual thrombus burden in patients with ST-segment elevation myocardial infarction undergoing: the MATRIX (Minimizing Adverse Haemorrhagic Events by TRansradial Access Site and angioX) OCT study. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 1418-1428	4.1	5

24	Extended Protective Shield Under Table to Reduce Operator Radiation Dose in Percutaneous Coronary Procedures. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007586	6	5
23	Impact of thrombus aspiration during primary percutaneous coronary intervention in cardiogenic shock complicating ST-segment elevation myocardial infarction. <i>Cardiovascular Revascularization Medicine</i> , 2013 , 14, 307-10	1.6	5
22	Impact of vascular approach (transradial vs. transfemoral) on the efficacy of thrombus aspiration in acute myocardial infarction patients. <i>Cardiovascular Revascularization Medicine</i> , 2012 , 13, 79-83	1.6	5
21	Staff radiation dose during percutaneous coronary procedures: Role of adjunctive protective drapes. <i>Cardiovascular Revascularization Medicine</i> , 2018 , 19, 755-758	1.6	4
20	Patient radiation exposure in right versus left trans-radial approach for coronary procedures. <i>Cardiovascular Revascularization Medicine</i> , 2015 , 16, 15-9	1.6	4
19	The buddy wire technique is useful in transradial coronary stenting of complex, calcified lesions: report of three cases. <i>Journal of Invasive Cardiology</i> , 2005 , 17, 376-7	0.7	4
18	A clinical and angiographic study of the XIENCE V everolimus-eluting coronary stent system in the treatment of patients with multivessel coronary artery disease. Study design and rationale of the EXECUTIVE trial. <i>Journal of Cardiovascular Medicine</i> , 2010 , 11, 299-309	1.9	3
17	Does the effect of microRNAs in vascular neointimal formation depend on cell cycle phase?. <i>Circulation Research</i> , 2008 , 102, e101; author reply e102	15.7	3
16	Transradial access in a cath lab with moderate procedural volume: a single operator's experience. <i>Minerva Cardioangiologica</i> , 2007 , 55, 303-9	1.1	3
15	OCT Appraisal of Residual Thrombus Burden in Patients With STEMI Undergoing Intraprocedural Versus Post-Stenting Prolonged Bivalirudin Infusion: The MATRIX OCT Study. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 934-936	8.4	2
14	Operator Pelvic Radiation Exposure During Percutaneous Coronary Procedures. <i>Journal of Invasive Cardiology</i> , 2018 , 30, 71-74	0.7	2
13	Transradial unprotected left main coronary artery stenting in an octogenarian with severe angina and Leriche syndrome. <i>The American Journal of Geriatric Cardiology</i> , 2006 , 15, 235-8		1
12	Very late thrombosis of a drug-eluting stent deployed during primary angioplasty for ST-elevation myocardial infarction. <i>Journal of Cardiovascular Medicine</i> , 2006 , 7, 771-4	1.9	1
11	Proximal protection in carotid artery stenting: rationale and recent findings. <i>EuroIntervention</i> , 2007 , 3, 269-74	3.1	1
10	Papaverine use for radial artery sheath entrapment. <i>Anatolian Journal of Cardiology</i> , 2019 , 22, 44-45	0.8	1
9	Glycoprotein IIb/IIIa Inhibitors May Modulate the Clinical Benefit of Radial Access as Compared to Femoral Access in Primary Percutaneous Coronary Intervention: A Meta-Regression and Meta-Analysis of Randomized Trials. <i>Journal of Interventional Cardiology</i> , 2021 , 2021, 9917407	1.8	1
8	Impact of optical coherence tomography findings on clinical outcomes in ST-segment elevation myocardial infarction patients: a MATRIX (Minimizing Adverse Hemorrhagic Events by Trans-radial Access Site and angioX) OCT sub-study. <i>International Journal of Cardiovascular Imaging</i> , 2021 , 37, 1143-1150	2.5	1
7	Combined percutaneous pulmonary valvuloplasty and patent foramen ovale closure in an adult with recurrent transient ischemic attacks. <i>Italian Heart Journal: Official Journal of the Italian Federation of Cardiology</i> , 2002 , 3, 424-6		1

6	Our technique for transradial coronary angiography and interventions. <i>Indian Heart Journal</i> , 2010 , 62, 258-61	1.6	1
5	Assessment of residual thrombus burden in patients with ST-segment elevation myocardial infarction undergoing bivalirudin versus unfractionated heparin infusion: The MATRIX (minimizing adverse hemorrhagic events by transradial access site and angioX) OCT study. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, 1156-1171	2.7	0
4	Heparins crossover in percutaneous coronary interventions: a real issue with increasing rate of transradial procedures?. <i>Journal of Cardiovascular Medicine</i> , 2015 , 16, 507-11	1.9	
3	A new, intriguing hypothesis: does bivalirudin reduce the risk of acute kidney disease?. <i>American Journal of Cardiology</i> , 2015 , 115, 555-6	3	
2	Cerebral embolism after retrograde catheterisation of aortic valve in aortic stenosis. <i>Lancet, The</i> , 2003 , 362, 79; author reply 79-80	4.0	
1	Primary Percutaneous Coronary Intervention with High-Bolus Dose Tirofiban: The FASTER (Favorite Approach to Safe and Effective Treatment for Early Reperfusion) Multicenter Registry.. <i>Journal of Interventional Cardiology</i> , 2022 , 2022, 9609970	1.8	