

Emanuele Barbato

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

248
papers

23,903
citations

52
h-index

153
g-index

268
ext. papers

33,176
ext. citations

5.9
avg, IF

5.97
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 248 | Contemporary Management of Stable Coronary Artery Disease.. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2022 , 1 | 2.9 | 0 |
| 247 | Prevalence of Coronary Microvascular Disease and Coronary Vasospasm in Patients With Nonobstructive Coronary Artery Disease: Systematic Review and Meta-Analysis.. <i>Journal of the American Heart Association</i> , 2022 , e023207 | 6 | 4 |
| 246 | Impact of Functional Severity of Coronary Artery Disease on Arterial Versus Venous Graft Patency.. <i>JACC: Cardiovascular Interventions</i> , 2022 , 15, 1098-1100 | 5 | |
| 245 | Saline-induced coronary hyperemia with continuous intracoronary thermodilution is mediated by intravascular hemolysis. <i>Atherosclerosis</i> , 2022 , 352, 46-52 | 3.1 | 1 |
| 244 | Microvascular Dysfunction in Patients With Type II Diabetes Mellitus: Invasive Assessment of Absolute Coronary Blood Flow and Microvascular Resistance Reserve. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 765071 | 5.4 | 9 |
| 243 | Risk of myocardial infarction based on endothelial shear stress analysis using coronary angiography. <i>Atherosclerosis</i> , 2021 , | 3.1 | 1 |
| 242 | Microvascular Resistance Reserve for Assessment of Coronary Microvascular Function: JACC Technology Corner. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 1541-1549 | 15.1 | 10 |
| 241 | Discordance Between the Index of Microcirculatory Resistance and Coronary Flow Reserve After Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 2412-2414 | 5 | 0 |
| 240 | Modulation of insulin resistance by renin angiotensin system inhibitors: implications for cardiovascular prevention. <i>Monaldi Archives for Chest Disease</i> , 2021 , 91, | 2.7 | 2 |
| 239 | Clopidogrel Versus Ticagrelor or Prasugrel After Primary Percutaneous Coronary Intervention According to CYP2C19 Genotype: A POPular Genetics Subanalysis. <i>Circulation: Cardiovascular Interventions</i> , 2021 , 14, e009434 | 6 | 5 |
| 238 | Changes in surgical revascularization strategy after fractional flow reserve. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 98, E351-E355 | 2.7 | 0 |
| 237 | Impact of drug-eluting stents on left ventricular wall motion after successful reperfusion of first anterior ST elevation myocardial infarction. <i>Minerva Cardiology and Angiology</i> , 2021 , 69, 144-153 | 2.4 | 2 |
| 236 | Pathophysiology, Diagnosis, and Treatment of Patients with Concomitant Severe Aortic Stenosis and Coronary Artery Disease: A Closer Look to the Unresolved Perplexity. <i>Journal of Clinical Medicine</i> , 2021 , 10, | 5.1 | 1 |
| 235 | Prognostically relevant periprocedural myocardial injury and infarction associated with percutaneous coronary interventions: a Consensus Document of the ESC Working Group on Cellular Biology of the Heart and European Association of Percutaneous Cardiovascular Interventions (EAPCI). <i>European Heart Journal</i> , 2021 , 42, 2630-2642 | 9.5 | 13 |
| 234 | Simplified Assessment of the Index of Microvascular Resistance. <i>Journal of Interventional Cardiology</i> , 2021 , 2021, 9971874 | 1.8 | 5 |
| 233 | Guía ESC 2020 sobre el diagnóstico y tratamiento del síndrome coronario agudo sin elevación del segmento ST. <i>Revista Espanola De Cardiologia</i> , 2021 , 74, 544.e1-544.e73 | 1.5 | 1 |
| 232 | Relationship between peripheral arterial reactive hyperemia and the index of myocardial resistance in patients undergoing invasive coronary angiography. <i>International Journal of Cardiology</i> , 2021 , 333, 8-13 | 3.2 | 2 |

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| 231 | Influence of fractional flow reserve on grafts patency: Systematic review and patient-level meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , | 2.7 | 1 |
| 230 | Management of patients with combined arterial hypertension and aortic valve stenosis: a consensus document from the Council on Hypertension and Council on Valvular Heart Disease of the European Society of Cardiology, the European Association of Cardiovascular Imaging (EACVI), and the European Association of Percutaneous Cardiovascular Interventions (EAPCI). <i>European</i> | 6.4 | 8 |
| 229 | Procedural myocardial injury, infarction and mortality in patients undergoing elective PCI: a pooled analysis of patient-level data. <i>European Heart Journal</i> , 2021 , 42, 323-334 | 9.5 | 21 |
| 228 | 2020 ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation. <i>European Heart Journal</i> , 2021 , 42, 1289-1367 | 9.5 | 920 |
| 227 | ADDED Index or percentage diameter of residual coronary stenosis to risk-stratify patients presenting with STEMI. <i>Cardiovascular Revascularization Medicine</i> , 2021 , 34, 92-92 | 1.6 | 1 |
| 226 | Invasive Coronary Physiology After Stent Implantation: Another Step Toward Precision Medicine. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 237-246 | 5 | 2 |
| 225 | Effect of Sex on Outcomes of Coronary Rotational Atherectomy Percutaneous Coronary Intervention (From the European Multicenter Euro4C Registry). <i>American Journal of Cardiology</i> , 2021 , 143, 29-36 | 3 | 2 |
| 224 | Contemporary management of calcified coronary lesions. <i>Heart</i> , 2021 , 107, 1510-1517 | 5.1 | 1 |
| 223 | Hyperemic hemodynamic characteristics of serial coronary lesions assessed by pullback pressure gradients. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 98, E647-E654 | 2.7 | 1 |
| 222 | Clopidogrel in noncarriers of CYP2C19 loss-of-function alleles versus ticagrelor in elderly patients with acute coronary syndrome: A pre-specified sub analysis from the POPular Genetics and POPular Age trials CYP2C19 alleles in elderly patients. <i>International Journal of Cardiology</i> , 2021 , 334, 10-17 | 3.2 | 2 |
| 221 | Severely calcified coronary stenoses: a war or a battle?. <i>EuroIntervention</i> , 2021 , 17, 445-446 | 3.1 | |
| 220 | Revascularization decisions in patients with chronic coronary syndromes: Results of the second International Survey on Interventional Strategy (ISIS-2). <i>International Journal of Cardiology</i> , 2021 , 336, 38-44 | 3.2 | 2 |
| 219 | Global Fractional Flow Reserve Value Predicts 5-Year Outcomes in Patients With Coronary Atherosclerosis But Without Ischemia. <i>Journal of the American Heart Association</i> , 2020 , 9, e017729 | 6 | 5 |
| 218 | DISENGAGE Registry. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e008640 | 6 | 2 |
| 217 | Graft patency and progression of coronary artery disease after CABG assessed by angiography-derived fractional flow reserve. <i>International Journal of Cardiology</i> , 2020 , 316, 19-25 | 3.2 | 1 |
| 216 | Clinical Outcomes Following Coronary Bifurcation PCI Techniques: A Systematic Review and Network Meta-Analysis Comprising 5,711 Patients. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1432-1444 | 5.4 | 19 |
| 215 | The impact of the extent of side branch disease on outcomes following bifurcation stenting. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, E84-E92 | 2.7 | 3 |
| 214 | Role of endothelial dysfunction in determining angina after percutaneous coronary intervention: Learning from pathophysiology to optimize treatment. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 233-242 | 8.5 | 2 |

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| 213 | Characteristics and Outcomes of Patients Presenting With Hypertensive Urgency in the Office Setting: The Campania Salute Network. <i>American Journal of Hypertension</i> , 2020 , 33, 414-421 | 2.3 | 5 |
| 212 | Motorized fractional flow reserve pullback: Accuracy and reproducibility. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, E230-E237 | 2.7 | 2 |
| 211 | Fractional Flow Reserve-Based Coronary Artery Bypass Surgery: Current Evidence and Future Directions. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1086-1096 | 5 | 14 |
| 210 | Clinical outcomes of PCI with rotational atherectomy: the European multicentre Euro4C registry. <i>EuroIntervention</i> , 2020 , 16, e305-e312 | 3.1 | 10 |
| 209 | Coronary microcirculation and peri-procedural myocardial injury during elective percutaneous coronary intervention. <i>International Journal of Cardiology</i> , 2020 , 306, 42-46 | 3.2 | 5 |
| 208 | Complete revascularization reduces cardiovascular death in patients with ST-segment elevation myocardial infarction and multivessel disease: systematic review and meta-analysis of randomized clinical trials. <i>European Heart Journal</i> , 2020 , 41, 4103-4110 | 9.5 | 33 |
| 207 | Interaction Between Diabetes Mellitus and Platelet Reactivity in Determining Long-Term Outcomes Following Percutaneous Coronary Intervention. <i>Journal of Cardiovascular Translational Research</i> , 2020 , 13, 668-675 | 3.3 | 1 |
| 206 | Validation of the all-comers design: Results of the TARGET-AC substudy. <i>American Heart Journal</i> , 2020 , 221, 148-154 | 4.9 | |
| 205 | From fallacies to reality: Focus on fractional flow reserve. <i>International Journal of Cardiology</i> , 2020 , 319, 61 | 3.2 | |
| 204 | Coronary Artery Bypass Grafting or Fractional Flow Reserve-Guided Percutaneous Coronary Intervention in Diabetic Patients With Multivessel Disease. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e009157 | 6 | 4 |
| 203 | Physiology-guided revascularization versus optimal medical therapy of nonculprit lesions in elderly patients with myocardial infarction: Rationale and design of the FIRE trial. <i>American Heart Journal</i> , 2020 , 229, 100-109 | 4.9 | 10 |
| 202 | Microvascular impairment associated with percutaneous coronary revascularization: The quest for protective microcirculatory strategies. <i>International Journal of Cardiology</i> , 2020 , 308, 9 | 3.2 | 0 |
| 201 | Insulin Resistance Predicts Severity of Coronary Atherosclerotic Disease in Non-Diabetic Patients. <i>Journal of Clinical Medicine</i> , 2020 , 9, | 5.1 | 7 |
| 200 | Comparative Methodological Assessment of the Randomized GLOBAL LEADERS Trial Using Total Ischemic and Bleeding Events. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020 , 13, e006660 | 5.8 | 6 |
| 199 | Comparison of long-term clinical outcomes in multivessel coronary artery disease patients treated either with bioresorbable polymer sirolimus-eluting stent or permanent polymer everolimus-eluting stent: 5-year results of the CENTURY II randomized clinical trial. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 175-184 | 2.7 | 6 |
| 198 | Fractional flow reserve in patients with reduced ejection fraction. <i>European Heart Journal</i> , 2020 , 41, 1665-1672 | 5.1 | 10 |
| 197 | 2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. <i>European Heart Journal</i> , 2020 , 41, 407-477 | 9.5 | 1835 |
| 196 | Sustained Safety and Performance of the Second-Generation Sirolimus-Eluting Absorbable Metal Scaffold: Pooled Outcomes of the BIOSOLVE-II and -III Trials at 3 Years. <i>Cardiovascular Revascularization Medicine</i> , 2020 , 21, 1150-1154 | 1.6 | 6 |

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| 195 | Novel Indices of Coronary Physiology: Do We Need Alternatives to Fractional Flow Reserve?. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e008487 | 6 | 21 |
| 194 | 10-Year Survival After FFR-Guided Strategy in Isolated Proximal Left Anterior Descending Coronary Stenosis. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1420-1421 | 15.1 | 1 |
| 193 | A Genotype-Guided Strategy for Oral P2Y Inhibitors in Primary PCI. <i>New England Journal of Medicine</i> , 2019 , 381, 1621-1631 | 59.2 | 219 |
| 192 | Prognostic Value of QFR Measured Immediately After Successful Stent Implantation: The International Multicenter Prospective HAWKEYE Study. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 2079-2088 | 5 | 39 |
| 191 | Measurement of Hyperemic Pullback Pressure Gradients to Characterize Patterns of Coronary Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1772-1784 | 15.1 | 36 |
| 190 | Predictive factors of discordance between the instantaneous wave-free ratio and fractional flow reserve. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 94, 356-363 | 2.7 | 24 |
| 189 | Rational and design of the INTentional CORonary revascularization versus conservative therapy in patients undergOing successful peripheRAL arTERy revascularization due to critical limb ischemia trial (INCORPORATE trial). <i>American Heart Journal</i> , 2019 , 214, 107-112 | 4.9 | |
| 188 | 2-Year Clinical Outcomes of an Abluminal Groove-Filled Biodegradable-Polymer Sirolimus-Eluting Stent Compared With a Durable-Polymer Everolimus-Eluting Stent. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 1679-1687 | 5 | 6 |
| 187 | The Influence of Aortic Valve Obstruction on the Hyperemic Intracoronary Physiology: Difference Between Resting Pd/Pa and FFR in Aortic Stenosis. <i>Journal of Cardiovascular Translational Research</i> , 2019 , 12, 539-550 | 3.3 | 4 |
| 186 | Long-Term Patency of Coronary Artery Bypass Grafts After Fractional Flow Reserve-Guided Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007712 | 6 | 6 |
| 185 | Association of Improvement in Fractional Flow Reserve With Outcomes, Including Symptomatic Relief, After Percutaneous Coronary Intervention. <i>JAMA Cardiology</i> , 2019 , 4, 370-374 | 16.2 | 26 |
| 184 | Fourth universal definition of myocardial infarction (2018).. <i>European Heart Journal</i> , 2019 , 40, 237-269 | 9.5 | 851 |
| 183 | Severity of Coronary Atherosclerosis and Risk of Diabetes Mellitus. <i>Journal of Clinical Medicine</i> , 2019 , 8, | 5.1 | 4 |
| 182 | Imaging in ESC clinical guidelines: chronic coronary syndromes. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 1187-1197 | 4.1 | 26 |
| 181 | Graft patency after FFR-guided versus angiography-guided coronary artery bypass grafting: the GRAFFITI trial. <i>EuroIntervention</i> , 2019 , 15, e999-e1005 | 3.1 | 32 |
| 180 | Patient focus in interventional cardiology: proceedings of the 2018 summit of the European Association of Percutaneous Cardiovascular Interventions (EAPCI) - Nice, France, 20-21 June 2018. <i>EuroIntervention</i> , 2019 , 14, 1720-1723 | 3.1 | 2 |
| 179 | Fractional flow reserve-guided percutaneous coronary intervention vs. medical therapy for patients with stable coronary lesions: meta-analysis of individual patient data. <i>European Heart Journal</i> , 2019 , 40, 180-186 | 9.5 | 90 |
| 178 | Design and rationale of the Management of High Bleeding Risk Patients Post Bioresorbable Polymer Coated Stent Implantation With an Abbreviated Versus Standard DAPT Regimen (MASTER DAPT) Study. <i>American Heart Journal</i> , 2019 , 209, 97-105 | 4.9 | 39 |

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| 177 | Mid-term outcomes after percutaneous interventions in coronary bifurcations. <i>International Journal of Cardiology</i> , 2019 , 283, 78-83 | 3.2 | 16 |
| 176 | Long-term impact of chronic total occlusion recanalisation in patients with ST-elevation myocardial infarction. <i>Heart</i> , 2018 , 104, 1432-1438 | 5.1 | 39 |
| 175 | A Multidisciplinary Approach on the Perioperative Antithrombotic Management of Patients With Coronary Stents Undergoing Surgery: Surgery After Stenting 2. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 417-434 | 5 | 52 |
| 174 | Impact of platelet reactivity on 5-year clinical outcomes following percutaneous coronary intervention: a landmark analysis. <i>Journal of Thrombosis and Thrombolysis</i> , 2018 , 45, 496-503 | 5.1 | 7 |
| 173 | Aortic valve replacement improves survival in severe aortic stenosis with gradient-area mismatch. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 53, 569-575 | 3 | 2 |
| 172 | Macrophage migration inhibitory factor (MIF) is associated with degree of collateralization in patients with totally occluded coronary arteries. <i>International Journal of Cardiology</i> , 2018 , 262, 14-19 | 3.2 | 2 |
| 171 | Catheter-Based Measurements of Absolute Coronary Blood Flow and Microvascular Resistance: Feasibility, Safety, and Reproducibility in Humans. <i>Circulation: Cardiovascular Interventions</i> , 2018 , 11, e006194 | 6 | 59 |
| 170 | 2017 ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation: The Task Force for the management of acute myocardial infarction in patients presenting with ST-segment elevation of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2018 , 39, 1113-1177 | 9.5 | 4237 |
| 169 | 2017 ESC focused update on dual antiplatelet therapy in coronary artery disease developed in collaboration with EACTS: The Task Force for dual antiplatelet therapy in coronary artery disease of the European Society of Cardiology (ESC) and of the European Association for Cardio-Thoracic Surgery (EACTS). <i>European Heart Journal</i> , 2018 , 39, 210-260 | 9.5 | 1475 |
| 168 | Clinical Outcomes and Cost-Effectiveness of Fractional Flow Reserve-Guided Percutaneous Coronary Intervention in Patients With Stable Coronary Artery Disease: Three-Year Follow-Up of the FAME 2 Trial (Fractional Flow Reserve Versus Angiography for Multivessel Evaluation). <i>Circulation</i> , 2018 , 137, 480-487 | 16.7 | 129 |
| 167 | In-stent fractional flow reserve variations and related optical coherence tomography findings: the FFR-OCT co-registration study. <i>International Journal of Cardiovascular Imaging</i> , 2018 , 34, 495-502 | 2.5 | 3 |
| 166 | Fractional flow reserve (FFR) as a guide to treat coronary artery disease. <i>Expert Review of Cardiovascular Therapy</i> , 2018 , 16, 465-477 | 2.5 | 8 |
| 165 | New Volumetric Analysis Method for Stent Expansion and its Correlation With Final Fractional Flow Reserve and Clinical Outcome: An ILUMIEN I Substudy. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1467-1478 | 5.23 | 23 |
| 164 | Sex Differences in Adenosine-Free Coronary Pressure Indexes: A CONTRAST Substudy. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1454-1463 | 5 | 5 |
| 163 | From debulking to delivery: sequential use of rotational atherectomy and Guidezilla for complex saphenous vein grafts intervention. <i>BMC Cardiovascular Disorders</i> , 2018 , 18, 122 | 2.3 | 1 |
| 162 | Response to letter to the editor regarding article "Macrophage migration inhibitory factor (MIF) is associated with degree of collateralization in patients with totally occluded coronary arteries". <i>International Journal of Cardiology</i> , 2018 , 268, 43 | 3.2 | |
| 161 | Study Design of the Graft Patency After FFR-Guided Versus Angiography-Guided CABG Trial (GRAFFITI). <i>Journal of Cardiovascular Translational Research</i> , 2018 , 11, 269-273 | 3.3 | 9 |
| 160 | 2018 ESC/ESH Guidelines for the management of arterial hypertension. <i>European Heart Journal</i> , 2018 , 39, 3021-3104 | 9.5 | 3698 |

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| 159 | Coronary lesion progression as assessed by fractional flow reserve (FFR) and angiography. <i>EuroIntervention</i> , 2018 , 14, 907-914 | 3.1 | 8 |
| 158 | T2238C Atrial Natriuretic Peptide Gene Variant and the Response to Antiplatelet Therapy in Stable Ischemic Heart Disease Patients. <i>Journal of Cardiovascular Translational Research</i> , 2018 , 11, 36-41 | 3.3 | 7 |
| 157 | Angiography Versus Hemodynamics to Predict the Natural History of Coronary Stenoses: Fractional Flow Reserve Versus Angiography in Multivessel Evaluation 2 Substudy. <i>Circulation</i> , 2018 , 137, 1475-1485 | 16.7 | 33 |
| 156 | Impact of genetic polymorphisms on platelet function and response to anti platelet drugs. <i>Cardiovascular Diagnosis and Therapy</i> , 2018 , 8, 610-620 | 2.6 | 9 |
| 155 | Fractional Flow Reserve and Quality-of-Life Improvement After Percutaneous Coronary Intervention in Patients With Stable Coronary Artery Disease. <i>Circulation</i> , 2018 , 138, 1797-1804 | 16.7 | 14 |
| 154 | Platelet reactivity and coronary microvascular impairment after percutaneous revascularization in stable patients receiving clopidogrel or prasugrel. <i>Atherosclerosis</i> , 2018 , 278, 23-28 | 3.1 | 12 |
| 153 | Targeted therapy with a localised abluminal groove, low-dose sirolimus-eluting, biodegradable polymer coronary stent (TARGET All Comers): a multicentre, open-label, randomised non-inferiority trial. <i>Lancet, The</i> , 2018 , 392, 1117-1126 | 4.0 | 31 |
| 152 | Evolving Routine Standards in Invasive Hemodynamic Assessment of Coronary Stenosis: The Nationwide Italian SICI-GISE Cross-Sectional ERIS Study. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1482-1491 | 5 | 51 |
| 151 | Five-Year Outcomes with PCI Guided by Fractional Flow Reserve. <i>New England Journal of Medicine</i> , 2018 , 379, 250-259 | 59.2 | 346 |
| 150 | Six-Year Follow-Up of Fractional Flow Reserve-Guided Versus Angiography-Guided Coronary Artery Bypass Graft Surgery. <i>Circulation: Cardiovascular Interventions</i> , 2018 , 11, e006368 | 6 | 46 |
| 149 | Platelet reactivity in patients carrying the e-NOS G894T polymorphism after a loading dose of aspirin plus clopidogrel. <i>Thrombosis Research</i> , 2017 , 151, 72-73 | 8.2 | |
| 148 | Saline-Induced Coronary Hyperemia: Mechanisms and Effects on Left Ventricular Function. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10, | 6 | 36 |
| 147 | Correlation between Angiographic and Physiologic Evaluation of Coronary Artery Narrowings in Patients With Aortic Valve Stenosis. <i>American Journal of Cardiology</i> , 2017 , 120, 106-110 | 3 | 15 |
| 146 | Development of Left Ventricular Hypertrophy in Treated Hypertensive Outpatients: The Campania Salute Network. <i>Hypertension</i> , 2017 , 69, 136-142 | 8.5 | 36 |
| 145 | C2238 ANP gene variant promotes increased platelet aggregation through the activation of Nox2 and the reduction of cAMP. <i>Scientific Reports</i> , 2017 , 7, 3797 | 4.9 | 7 |
| 144 | Prognostic Factors in Patients With Stemi Undergoing Primary PCI in the Clopidogrel Era: Role of Dual Antiplatelet Therapy at Admission and the Smoking Paradox on Long-Term Outcome. <i>Journal of Interventional Cardiology</i> , 2017 , 30, 5-15 | 1.8 | 7 |
| 143 | Agreement of the Resting Distal to Aortic Coronary Pressure With the Instantaneous Wave-Free Ratio. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 2105-2113 | 15.1 | 29 |
| 142 | Prognostic Value of Fractional Flow Reserve Measured Immediately After Drug-Eluting Stent Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10, | 6 | 62 |

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| 141 | Visual and Quantitative Assessment of Coronary Stenoses at Angiography Versus Fractional Flow Reserve: The Impact of Risk Factors. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10, | 3.9 | 25 |
| 140 | Diabetes does not impact the diagnostic performance of contrast-based fractional flow reserve: insights from the CONTRAST study. <i>Cardiovascular Diabetology</i> , 2017 , 16, 7 | 8.7 | 4 |
| 139 | Catheter-based functional metrics of the coronary circulation. <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 1178-1189 | 2.1 | 3 |
| 138 | Comparison of Different Diastolic Resting Indexes to iFR: Are They All Equal?. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 3088-3096 | 15.1 | 101 |
| 137 | State of the art: evolving concepts in the treatment of heavily calcified and undilatable coronary stenoses - from debulking to plaque modification, a 40-year-long journey. <i>EuroIntervention</i> , 2017 , 13, 696-705 | 3.1 | 74 |
| 136 | Fractional flow reserve to guide and to assess coronary artery bypass grafting. <i>European Heart Journal</i> , 2017 , 38, 1959-1968 | 9.5 | 15 |
| 135 | A Prospective Natural History Study of Coronary Atherosclerosis Using Fractional Flow Reserve. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 2247-2255 | 15.1 | 73 |
| 134 | Clopidogrel Versus Ticagrelor for Antiplatelet Maintenance in Diabetic Patients Treated With Percutaneous Coronary Intervention: Results of the CLOTILDIA Study (Clopidogrel High Dose Versus Ticagrelor for Antiplatelet Maintenance in Diabetic Patients). <i>Circulation</i> , 2016 , 134, 835-7 | 16.7 | 25 |
| 133 | Relationship of asymmetric dimethylarginine (ADMA) with extent and functional severity of coronary atherosclerosis. <i>International Journal of Cardiology</i> , 2016 , 220, 629-33 | 3.2 | 24 |
| 132 | Acute coronary syndromes in patients with multivessel disease: the key role of optical coherence tomography. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 2, e112-e115 | 1.9 | 1 |
| 131 | Prognostic role of multiple biomarkers in stable patients undergoing fractional flow reserve-guided coronary angioplasty. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17, 687-93 | 1.9 | 0 |
| 130 | Significance of Intermediate Values of Fractional Flow Reserve in Patients With Coronary Artery Disease. <i>Circulation</i> , 2016 , 133, 502-8 | 16.7 | 87 |
| 129 | Impact of Right Atrial Pressure on Fractional Flow Reserve Measurements: Comparison of Fractional Flow Reserve and Myocardial Fractional Flow Reserve in 1,600 Coronary Stenoses. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 453-9 | 5 | 36 |
| 128 | Fractional Flow Reserve-Guided Revascularization in Patients With Aortic Stenosis. <i>American Journal of Cardiology</i> , 2016 , 117, 1511-5 | 3 | 29 |
| 127 | Rotational atherectomy: you will never regret using it but you often regret not having used it!. <i>EuroIntervention</i> , 2016 , 12, 1441-1442 | 3.1 | 1 |
| 126 | The fractional flow reserve gray zone has never been so narrow. <i>Journal of Thoracic Disease</i> , 2016 , 8, E1537-E1539 | 2.6 | 1 |
| 125 | Antegrade wire escalation for chronic total occlusions in coronary arteries: simple algorithms as a key to success. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17, 680-6 | 1.9 | 8 |
| 124 | Effects of Prasugrel Versus Clopidogrel on Coronary Microvascular Function in Patients Undergoing Elective PCI. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 235-7 | 15.1 | 12 |

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| 123 | The present day potential role of fractional flow reserve-guided coronary artery bypass graft surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 926-32 | 1.5 | 6 |
| 122 | Clinical Outcome of Patients with Aortic Stenosis and Coronary Artery Disease Not Treated According to Current Recommendations. <i>Journal of Cardiovascular Translational Research</i> , 2016 , 9, 145-52 | 3.3 | 4 |
| 121 | Continuum of Vasodilator Stress From Rest to Contrast Medium to Adenosine Hyperemia for Fractional Flow Reserve Assessment. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 757-767 | 5 | 96 |
| 120 | Percutaneous Intervention for Concurrent Chronic Total Occlusions in Patients With STEMI: The EXPLORE Trial. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 1622-1632 | 15.1 | 205 |
| 119 | Diagnostic Accuracy of Fast Computational Approaches to Derive Fractional Flow Reserve From Diagnostic Coronary Angiography: The International Multicenter FAVOR Pilot Study. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 2024-2035 | 5 | 224 |
| 118 | Standardization of Fractional Flow Reserve Measurements. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 742-53 | 15.1 | 106 |
| 117 | Long Coronary Lesions Treated With Thin Strut Bioresorbable Polymer Drug Eluting Stent: Experience From Multicentre Randomized CENTURY II Study. <i>Journal of Interventional Cardiology</i> , 2016 , 29, 47-56 | 1.8 | 15 |
| 116 | Periprocedural Myocardial Injury and Long-Term Clinical Outcome in Patients Undergoing Percutaneous Coronary Interventions of Coronary Chronic Total Occlusion. <i>Journal of Invasive Cardiology</i> , 2016 , 28, 410-414 | 0.7 | 16 |
| 115 | Overview of the clinical trials on bioresorbable vascular scaffold. <i>Minerva Cardioangiologica</i> , 2016 , 64, 473-80 | 1.1 | |
| 114 | Optical coherence tomography imaging during percutaneous coronary intervention impacts physician decision-making: ILUMIEN I study. <i>European Heart Journal</i> , 2015 , 36, 3346-55 | 9.5 | 140 |
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