Shengxian Tu

List of Publications by Year
in descending order

133 papers	4,106 citations	147801 31 h-index	138484 58 g-index
136 all docs	136 docs citations	136 times ranked	2271 citing authors

#	Article	IF	Citations
1	Diagnostic Accuracy of Fast Computational Approaches to DeriveÂFractional Flow Reserve FromÂDiagnostic Coronary Angiography. JACC: Cardiovascular Interventions, 2016, 9, 2024-2035.	2.9	394
2	Diagnostic Accuracy of Angiography-Based Quantitative FlowÂRatio Measurements for Online AssessmentÂof Coronary Stenosis. Journal of the American College of Cardiology, 2017, 70, 3077-3087.	2.8	355
3	Fractional Flow Reserve Calculation From 3-Dimensional Quantitative Coronary AngiographyÂand TIMI Frame Count. JACC: Cardiovascular Interventions, 2014, 7, 768-777.	2.9	292
4	Diagnostic Performance of Inâ€Procedure Angiographyâ€Derived Quantitative Flow Reserve Compared to Pressureâ€Derived Fractional Flow Reserve: The FAVOR II Europeâ€Japan Study. Journal of the American Heart Association, 2018, 7, .	3.7	240
5	Angiographic quantitative flow ratio-guided coronary intervention (FAVOR III China): a multicentre, randomised, sham-controlled trial. Lancet, The, 2021, 398, 2149-2159.	13.7	175
6	Evaluation of Coronary Artery Stenosis by Quantitative Flow Ratio During Invasive Coronary Angiography. Circulation: Cardiovascular Imaging, 2018, 11, e007107.	2.6	157
7	Diagnostic performance of angiography-derived fractional flow reserve: a systematic review and Bayesian meta-analysis. European Heart Journal, 2018, 39, 3314-3321.	2.2	116
8	OCT Assessment of the Long-Term Vascular Healing Response 5 Years AfterÂEverolimus-Eluting BioresorbableÂVascular Scaffold. Journal of the American College of Cardiology, 2014, 64, 2343-2356.	2.8	101
9	In vivo comparison of arterial lumen dimensions assessed by co-registered three-dimensional (3D) quantitative coronary angiography, intravascular ultrasound and optical coherence tomography. International Journal of Cardiovascular Imaging, 2012, 28, 1315-1327.	1.5	97
10	Diagnostic accuracy of quantitative flow ratio for assessment of coronary stenosis significance from a single angiographic view: A novel method based on bifurcation fractal law. Catheterization and Cardiovascular Interventions, 2021, 97, 1040-1047.	1.7	94
11	Diagnostic accuracy of intracoronary optical coherence tomography-derived fractional flow reserve for assessment of coronary stenosis severity. EuroIntervention, 2019, 15, 189-197.	3.2	85
12	Biomechanical Modeling to Improve Coronary Artery Bifurcation Stenting. JACC: Cardiovascular Interventions, 2015, 8, 1281-1296.	2.9	84
13	Diagnostic performance of quantitative flow ratio in prospectively enrolled patients: An individual patientâ€data metaâ€analysis. Catheterization and Cardiovascular Interventions, 2019, 94, 693-701.	1.7	79
14	Impact of Side Branch Modeling on Computation of Endothelial Shear Stress in Coronary Artery Disease. Journal of the American College of Cardiology, 2015, 66, 125-135.	2.8	75
15	Fractional flow reserve in clinical practice: from wire-based invasive measurement to image-based computation. European Heart Journal, 2020, 41, 3271-3279.	2.2	69
16	Fusion of 3D QCA and IVUS/OCT. International Journal of Cardiovascular Imaging, 2011, 27, 197-207.	1.5	66
17	The Impact of Coronary Physiology on Contemporary Clinical Decision Making. JACC: Cardiovascular Interventions, 2020, 13, 1617-1638.	2.9	60
18	Accurate and reproducible reconstruction of coronary arteries and endothelial shear stress calculation using 3D OCT: Comparative study to 3D IVUS and 3D QCA. Atherosclerosis, 2015, 240, 510-519.	0.8	55

#	Article	IF	Citations
19	Artificial intelligence and optical coherence tomography for the automatic characterisation of human atherosclerotic plaques. EuroIntervention, 2021, 17, 41-50.	3.2	55
20	Diagnostic performance of intracoronary optical coherence tomography-based versus angiography-based fractional flow reserve for the evaluation of coronary lesions. EuroIntervention, 2020, 16, 568-576.	3.2	55
21	In vivo assessment of bifurcation optimal viewing angles and bifurcation angles by three-dimensional (3D) quantitative coronary angiography. International Journal of Cardiovascular Imaging, 2012, 28, 1617-1625.	1.5	54
22	Fractional Flow Reserve and Coronary Bifurcation Anatomy. JACC: Cardiovascular Interventions, 2015, 8, 564-574.	2.9	49
23	A novel method to assess coronary artery bifurcations by OCT: cut-plane analysis for side-branch ostial assessment from a main-vessel pullback. European Heart Journal Cardiovascular Imaging, 2015, 16, 177-189.	1.2	44
24	Novel Indices of Coronary Physiology. Circulation: Cardiovascular Interventions, 2020, 13, e008487.	3.9	44
25	A novel threeâ€dimensional quantitative coronary angiography system: Inâ€vivo comparison with intravascular ultrasound for assessing arterial segment length. Catheterization and Cardiovascular Interventions, 2010, 76, 291-298.	1.7	42
26	Co-registration of optical coherence tomography and X-ray angiography in percutaneous coronary intervention. The Does Optical Coherence Tomography Optimize Revascularization (DOCTOR) fusion study. International Journal of Cardiology, 2015, 182, 272-278.	1.7	41
27	Accuracy of Intravascular Ultrasound-Based Fractional Flow Reserve in Identifying Hemodynamic Significance of Coronary Stenosis. Circulation: Cardiovascular Interventions, 2021, 14, e009840.	3.9	41
28	Quantitative angiography and optical coherence tomography for the functional assessment of nonobstructive coronary stenoses: Comparison with fractional flow reserve. American Heart Journal, 2013, 166, 1010-1018.e1.	2.7	39
29	Assessment of obstruction length and optimal viewing angle from biplane X-ray angiograms. International Journal of Cardiovascular Imaging, 2010, 26, 5-17.	1.5	37
30	ST elevation acute myocardial infarction accelerates non-culprit coronary lesion atherosclerosis. International Journal of Cardiovascular Imaging, 2014, 30, 253-261.	1.5	37
31	Diagnostic accuracy and reproducibility of optical flow ratio for functional evaluation of coronary stenosis in a prospective series. Cardiology Journal, 2020, 27, 350-361.	1.2	36
32	Quantitative angiography methods for bifurcation lesions: a consensus statement update from the European Bifurcation Club. EuroIntervention, 2017, 13, 115-123.	3.2	35
33	Quantitative flow ratioâ€"guided strategy versus angiography-guided strategy for percutaneous coronary intervention: Rationale and design of the FAVOR III China trial. American Heart Journal, 2020, 223, 72-80.	2.7	34
34	Immediate post-procedural functional assessment of percutaneous coronary intervention: current evidence and future directions. European Heart Journal, 2021, 42, 2695-2707.	2.2	34
35	In Vivo Flow Simulation at Coronary Bifurcation Reconstructed by Fusion of 3-Dimensional X-ray Angiography and Optical Coherence Tomography. Circulation: Cardiovascular Interventions, 2013, 6, e15-7.	3.9	25
36	Image-based assessment of fractional flow reserve. EuroIntervention, 2015, 11, V50-V54.	3.2	23

#	Article	IF	Citations
37	Quantification of disturbed coronary flow by disturbed vorticity index and relation with fractional flow reserve. Atherosclerosis, 2018, 273, 136-144.	0.8	22
38	Optical flow ratio for assessing stenting result and physiological significance of residual disease. EuroIntervention, 2021, 17, e989-e998.	3.2	22
39	A systematic review of imaging anatomy in predicting functional significance of coronary stenoses determined by fractional flow reserve. International Journal of Cardiovascular Imaging, 2017, 33, 975-990.	1.5	21
40	The need for dedicated bifurcation quantitative coronary angiography (QCA) software algorithms to evaluate bifurcation lesions. EuroIntervention, 2015, 11, V44-V49.	3.2	21
41	The impact of acquisition angle differences on threeâ€dimensional quantitative coronary angiography. Catheterization and Cardiovascular Interventions, 2011, 78, 214-222.	1.7	20
42	Analyses of aerodynamic characteristics of the oropharynx applying CBCT: obstructive sleep apnea patients versus control subjects. Dentomaxillofacial Radiology, 2018, 47, 20170238.	2.7	20
43	Modelâ€based analysis of the sensitivities and diagnostic implications of FFR and CFR under various pathological conditions. International Journal for Numerical Methods in Biomedical Engineering, 2021, 37, e3257.	2.1	20
44	QCA, IVUS and OCT in interventional cardiology in 2011. Cardiovascular Diagnosis and Therapy, 2011, 1, 57-70.	1.7	19
45	Reproducibility of quantitative flow ratio: the QREP study. EuroIntervention, 2022, 17, 1252-1259.	3.2	19
46	Diagnostic Accuracy of a Fast Computational Approach to Derive Fractional Flow Reserve From CoronaryÂCT Angiography. JACC: Cardiovascular Imaging, 2020, 13, 172-175.	5.3	18
47	Automatic stent reconstruction in optical coherence tomography based on a deep convolutional model. Biomedical Optics Express, 2020, 11, 3374.	2.9	18
48	A novel software tool for semi-automatic quantification of thoracic aorta dilatation on baseline and follow-up computed tomography angiography. International Journal of Cardiovascular Imaging, 2019, 35, 711-723.	1.5	17
49	Clinical implication of QFR in patients with ST-segment elevation myocardial infarction after drug-eluting stent implantation. International Journal of Cardiovascular Imaging, 2021, 37, 755-766.	1.5	17
50	In vivo assessment of optimal viewing angles from X-ray coronary angiography. EuroIntervention, 2011, 7, 112-120.	3.2	17
51	Convolutional networks for the segmentation of intravascular ultrasound images: Evaluation on a multicenter dataset. Computer Methods and Programs in Biomedicine, 2022, 215, 106599.	4.7	17
52	Automatic coronary blood flow computation: validation in quantitative flow ratio from coronary angiography. International Journal of Cardiovascular Imaging, 2019, 35, 587-595.	1.5	16
53	Numerical and experimental investigations of the flowâ€"pressure relation in multiple sequential stenoses coronary artery. International Journal of Cardiovascular Imaging, 2017, 33, 1083-1088.	1.5	15
54	Comparison of Optical Flow Ratio and Fractional Flow Ratio in Stent-Treated Arteries Immediately After Percutaneous Coronary Intervention. Circulation Journal, 2020, 84, 2253-2258.	1.6	15

#	Article	IF	Citations
55	Post-PCI outcomes predicted by pre-intervention simulation of residual quantitative flow ratio using augmented reality. International Journal of Cardiology, 2022, 352, 33-39.	1.7	15
56	The impact of image resolution on computation of fractional flow reserve: coronary computed tomography angiography versus 3-dimensional quantitative coronary angiography. International Journal of Cardiovascular Imaging, 2016, 32, 513-523.	1.5	14
57	Assessment of superficial coronary vessel wall deformation and stress: validation of in silico models and human coronary arteries in vivo. International Journal of Cardiovascular Imaging, 2018, 34, 849-861.	1.5	14
58	Comparison of Instantaneous Wave-Free Ratio (iFR) and Fractional Flow Reserve (FFR) with respect to Their Sensitivities to Cardiovascular Factors: A Computational Model-Based Study. Journal of Interventional Cardiology, 2020, 2020, 1-12.	1.2	14
59	A novel four-dimensional angiographic approach to assess dynamic superficial wall stress of coronary arteries in vivo: initial experience in evaluating vessel sites with subsequent plaque rupture. EuroIntervention, 2017, 13, e1099-e1103.	3.2	14
60	Reproducibility of quantitative flow ratio: An inter-core laboratory variability study. Cardiology Journal, 2020, 27, 230-237.	1.2	14
61	First Presentation of 3-Dimensional Reconstruction and Centerline-Guided Assessment of Coronary Bifurcation by Fusion of X-Ray Angiography and Optical Coherence Tomography. JACC: Cardiovascular Interventions, 2012, 5, 884-885.	2.9	13
62	Reversal of flow between serial bifurcation lesions: insights from computational fluid dynamic analysis in a population-based phantom model. EuroIntervention, 2015, 11, e1-e3.	3.2	13
63	Quantification of aortic annulus in computed tomography angiography: Validation of a fully automatic methodology. European Journal of Radiology, 2017, 93, 1-8.	2.6	12
64	Is it safe to implant bioresorbable scaffolds in ostial side-branch lesions? Impact of â€˜neo-carinaâ€™ formation on main-branch flow pattern. Longitudinal clinical observations. Atherosclerosis, 2015, 238, 22-25.	0.8	11
65	Simultaneous evaluation of plaque stability and ischemic potential of coronary lesions in a fluidâ€"structure interaction analysis. International Journal of Cardiovascular Imaging, 2019, 35, 1563-1572.	1.5	11
66	Coronary angiography enhancement for visualization. International Journal of Cardiovascular Imaging, 2009, 25, 657-667.	1.5	10
67	Advances in three-dimensional coronary imaging and computational fluid dynamics. Coronary Artery Disease, 2015, 26, e43-e54.	0.7	10
68	Comparison of quantitative flow ratio and fractional flow reserve with myocardial perfusion scintigraphy and cardiovascular magnetic resonance as reference standard. A Dan-NICAD substudy. International Journal of Cardiovascular Imaging, 2020, 36, 395-402.	1.5	10
69	Quantitative flow ratio-guided residual functional SYNTAX score for risk assessment in patients with ST-segment elevation myocardial infarction undergoing percutaneous coronary intervention. EuroIntervention, 2021, 17, e287-e293.	3.2	10
70	Use of three-dimensional optical coherence tomography to verify correct wire position in a jailed side branch after main vessel stent implantation. EuroIntervention, 2011, 7, 528-529.	3.2	9
71	Optical coherence tomography and coronary revascularization: from indication to procedural optimization. Trends in Cardiovascular Medicine, 2023, 33, 92-106.	4.9	9
72	Risk Stratification in Acute Coronary Syndrome by Comprehensive Morphofunctional Assessment With Optical Coherence Tomography. JACC Asia, 2022, 2, 460-472.	1.5	9

#	Article	IF	Citations
73	Assessment of endothelial shear stress in patients with mild or intermediate coronary stenoses using coronary computed tomography angiography: comparison with invasive coronary angiography. International Journal of Cardiovascular Imaging, 2017, 33, 1101-1110.	1.5	8
74	Local Flow Patterns After Implantation of Bioresorbable Vascular Scaffold in Coronary Bifurcationsâ€€â€• Novel Findings by Computational Fluid Dynamics â€•. Circulation Journal, 2018, 82, 1575-1583.	1.6	8
75	The future of BRS in bifurcations. EuroIntervention, 2015, 11, V188-V192.	3.2	8
76	Optical Coherence Tomography-Derived Changes in Plaque Structural Stress Over the Cardiac Cycle: A New Method for Plaque Biomechanical Assessment. Frontiers in Cardiovascular Medicine, 2021, 8, 715995.	2.4	8
77	Accuracy of 3-dimensional and 2-dimensional quantitative coronary angiography for predicting physiological significance of coronary stenosis: a FAVOR II substudy. Cardiovascular Diagnosis and Therapy, 2019, 9, 481-491.	1.7	7
78	One-step anatomic and function testing by cardiac CT versus second-line functional testing in symptomatic patients with coronary artery stenosis: head-to-head comparison of CT-derived fractional flow reserve and myocardial perfusion imaging. EuroIntervention, 2021, 17, 576-583.	3.2	7
79	Prognostic value of post-procedural Î¼QFR for drug-coated balloons in the treatment of in-stent restenosis. Cardiology Journal, 2023, 30, 167-177.	1.2	7
80	Impact of coronary plaque morphology on the precision of computational fractional flow reserve derived from optical coherence tomography imaging. Cardiovascular Diagnosis and Therapy, 2022, 12, 155-165.	1.7	7
81	Agreement between Murray law-based quantitative flow ratio (Î¼QFR) and three-dimensional quantitative flow ratio (3D-QFR) in non-selected angiographic stenosis: A multicenter study. Cardiology Journal, 2022, 29, 388-395.	1.2	7
82	Online 3-Dimensional Rendering of Optical Coherence Tomography Images for the Assessment of Bifurcation Intervention. Canadian Journal of Cardiology, 2012, 28, 759.e1-759.e3.	1.7	6
83	Non-culprit coronary lesions in young patients have higher rates of atherosclerotic progression. International Journal of Cardiovascular Imaging, 2015, 31, 889-897.	1.5	6
84	Superficial wall stress assessed from 4-D analysis of coronary angiography in vivo. International Journal of Cardiovascular Imaging, 2017, 33, 1111-1112.	1.5	6
85	Association of stentâ€induced changes in coronary geometry with late stent failure: Insights from threeâ€dimensional quantitative coronary angiographic analysis. Catheterization and Cardiovascular Interventions, 2018, 92, 1040-1048.	1.7	6
86	In-stent fractional flow reserve variations and related optical coherence tomography findings: the FFRâ€“OCT co-registration study. International Journal of Cardiovascular Imaging, 2018, 34, 495-502.	1.5	6
87	First Presentation of Integration of Intravascular Optical Coherence Tomography and Computational Fractional Flow Reserve. International Journal of Cardiovascular Imaging, 2019, 35, 601-602.	1.5	6
88	Angiography-based coronary flow reserve: The feasibility of automatic computation by artificial intelligence. Cardiology Journal, 2023, 30, 369-378.	1.2	6
89	Co-registration of fractional flow reserve and optical coherence tomography with the use of a three-dimensional angiographic roadmap: an opportunity for optimisation of complex percutaneous coronary interventions. EuroIntervention, 2013, 9, 889-889.	3.2	6
90	Examinee-Examiner Network: Weakly Supervised Accurate Coronary Lumen Segmentation Using Centerline Constraint. IEEE Transactions on Image Processing, 2021, 30, 9429-9441.	9.8	6

#	Article	IF	Citations
91	Automatic tracing and segmentation of rat mammary fat pads in MRI image sequences based on cartoon-texture model. Transactions of Tianjin University, 2009, 15, 229-235.	6.4	5
92	Optimization of Tryton Dedicated Coronary Bifurcation System With Coregistration of Optical Coherence Tomography and Fractional Flow Reserve. JACC: Cardiovascular Interventions, 2013, 6, e39-e40.	2.9	5
93	Coronary Edema Demonstrated by Cardiovascular Magnetic Resonance in Patients With Peri-Stent Inflammation and Aneurysm Formation After Treatment by Drug-Eluting Stents. Circulation: Cardiovascular Imaging, 2013, 6, 352-354.	2.6	5
94	Anatomical and functional assessment of Tryton bifurcation stent before and after final kissing balloon dilatation: Evaluations by three-dimensional coronary angiography, optical coherence tomography imaging and fractional flow reserve. Catheterization and Cardiovascular Interventions, 2017, 90, E1-E10.	1.7	5
95	Procedural findings and early healing response after implantation of a self-apposing bioresorbable scaffold in coronary bifurcation lesions. International Journal of Cardiovascular Imaging, 2019, 35, 1199-1210.	1.5	5
96	Angiography-Based 4-Dimensional Superficial Wall Strain and Stress: A New Diagnostic Tool in the Catheterization Laboratory. Frontiers in Cardiovascular Medicine, 2021, 8, 667310.	2.4	5
97	Overview of Quantitative Flow Ratio and Optical Flow Ratio in the Assessment of Intermediate Coronary Lesions. US Cardiology Review, 0, 14, .	0.5	5
98	Carina shift as a mechanism for side-branch compromise following main vessel intervention: insights from three-dimensional optical coherence tomography. Cardiovascular Diagnosis and Therapy, 2012, 2, 173-7.	1.7	5
99	Combined Use of Multiple Intravascular Imaging Techniques in Acute Coronary Syndrome. Frontiers in Cardiovascular Medicine, 2021, 8, 824128.	2.4	5
100	Development of 3D IVOCT Imaging and Co-Registration of IVOCT and Angiography in the Catheterization Laboratory. Current Cardiovascular Imaging Reports, 2014, 7, 1.	0.6	4
101	Automatic detection of aorto-femoral vessel trajectory from whole-body computed tomography angiography data sets. International Journal of Cardiovascular Imaging, 2016, 32, 1311-1322.	1.5	4
102	Usefulness of optical coherence tomography with angiographic coregistration in the guidance of coronary stent implantation. Heart and Vessels, 2021, , 1.	1.2	4
103	Automatic Coregistration Between Coronary Angiography and Intravascular Optical Coherence Tomography. JACC Asia, 2021, 1, 274-278.	1.5	4
104	Comparison of Clinically Adjudicated Versus Flow-Based Adjudication of Revascularization Events in Randomized Controlled Trials. Circulation: Cardiovascular Quality and Outcomes, 2021, 14, e008055.	2.2	4
105	Can the Wall Shear Stress Values of Left Internal Mammary Artery Grafts during the Perioperative Period Reflect the One-Year Patency?. Thoracic and Cardiovascular Surgeon, 2020, 68, 723-729.	1.0	4
106	Comprehensive appraisal of cardiac motion artefact in optical coherence tomography. Cardiology Journal, 2023, 30, 543-555.	1.2	4
107	Functional Assessment of Cerebral Artery Stenosis by Angiography-Based Quantitative Flow Ratio: A Pilot Study. Frontiers in Aging Neuroscience, 2022, 14, 813648.	3.4	4
108	Comparison of coronary CT angiography-based and invasive coronary angiography-based quantitative flow ratio for functional assessment of coronary stenosis: A multicenter retrospective analysis. Journal of Cardiovascular Computed Tomography, 2022, 16, 509-516.	1.3	4

#	Article	IF	Citations
109	Acquired peri-stent evaginations in a second generation durable polymer drug eluting stent. Cardiovascular Revascularization Medicine, 2013, 14, 246-247.	0.8	3
110	Optical Coherence Tomography-Guided Bifurcation Stenting of a Coronary Artery Dissection. Canadian Journal of Cardiology, 2014, 30, 956.e11-956.e14.	1.7	3
111	Identification of the type of stent with three-dimensional optical coherence tomography: the SPQR study. EuroIntervention, 2021, 17, e140-e148.	3.2	3
112	A simplified formula to calculate fractional flow reserve in sequential lesions circumventing the measurement of coronary wedge pressure: The APIS-S pilot study. Cardiology Journal, 2019, 26, 310-321.	1.2	3
113	TCT-433 Feasibility, self-correcting properties and one-month results after implantation of a novolimus eluting bioresorbable stent in coronary bifurcations. The BIFSORB pilot study. Journal of the American College of Cardiology, 2016, 68, B174-B175.	2.8	2
114	Effects of local hemodynamics and plaque characteristics on neointimal response following bioresorbable scaffolds implantation in coronary bifurcations. International Journal of Cardiovascular Imaging, 2020, 36, 241-249.	1.5	2
115	The yin-yang sign in the detection of subintimal hematoma with high-definition intravascular ultrasound. Cardiology Journal, 2020, 27, 81-82.	1.2	2
116	The role of superficial wall stress and mechanical factors in scaffold failure: Protocol of the RANSOMED study. Cardiology Journal, 2022, , .	1.2	2
117	Functional comparison of different jailed balloon techniques in treating non-left main coronary bifurcation lesions. International Journal of Cardiology, 2022, 364, 20-26.	1.7	2
118	Stick-guided lateral inhibition for enhancement of low-contrast image. , 2007, , .		1
119	Mutual Information-Based Multimodal Non-Rigid Image Registration Using Free-Form Deformation with A New Joint Histogram Estimation. , 2007, , .		1
120	Fusion of CTA and XA data using 3D centerline registration for plaque visualization during coronary intervention. , 2016, , .		1
121	Influence of coronary microcirculatory dysfunction on FFR calculation based on computational fluid dynamics. European Heart Journal Cardiovascular Imaging, 2017, 18, 1066-1066.	1.2	1
122	Whence we came, whither we go?. International Journal of Cardiovascular Imaging, 2017, 33, 957-959.	1.5	1
123	Physiological assessment of non-culprit stenoses during acute coronary syndromes. European Heart Journal, 2020, 41, 2598-2598.	2.2	1
124	Resting distal to aortic pressure ratio and fractional flow reserve discordance affects the diagnostic performance of quantitative flow ratio: Results from an individual patient data metaâ€analysis. Catheterization and Cardiovascular Interventions, 2021, 97, 825-832.	1.7	1
125	Microvascular and Prognostic Effect in Lesions With Different Stent Expansion During Primary PCI for STEMI: Insights From Coronary Physiology and Intravascular Ultrasound. Frontiers in Cardiovascular Medicine, 2022, 9, 816387.	2.4	1
126	Physiologic and compositional coronary artery disease extension in patients with takotsubo syndrome assessed using artificial intelligence: an optical coherence tomography study. Coronary Artery Disease, 2022, Publish Ahead of Print, .	0.7	1

#	Article	IF	Citations
127	A novel angiography-based computational modelling for assessing the dynamic stress and quantitative fatigue fracture risk of the coronary stents immediately after implantation: Effects of stent materials, designs and target vessel motions. Medicine in Novel Technology and Devices, 2022, 14, 100121.	1.6	1
128	Automatic Segmentation of Rat Mammary Glands from Serial MRI Images. , 2007, , .		0
129	Diagnostic Optimization of Coronary CT AngiographyâŽâŽEditorials published in JACC: Cardiovascular Imaging reflect the views of the authors and do not necessarily represent the views of JACC: Cardiovascular Imaging or the American College of Cardiology.. JACC: Cardiovascular Imaging, 2011, 4, 1158-1160.	5.3	0
130	THE FUSION OF THREE-DIMENSIONAL QUANTITATIVE CORONARY ANGIOGRAPHY AND INTRACORONARY IMAGING FOR CORONARY INTERVENTIONS. Series in Computer Vision, 2014, , 151-173.	0.1	0
131	In vivo reconstruction of coronary artery and bioresorbable stents from intracoronary optical coherence tomography. , 2018, , .		0
132	Quantitative flow ratio-guided surgical intervention in symptomatic myocardial bridging. Cardiology Journal, 2020, 27, 685-692.	1.2	0
133	Diagnostic accuracy of CCTA-derived versus angiography-derived quantitative flow ratio (CAREER) study: a prospective study protocol. BMJ Open, 2022, 12, e055481.	1.9	0