

# Katsuhisa Waseda

## List of Publications by Year in descending order

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75  
papers

1,053  
citations

430843

18  
h-index

434170

31  
g-index

107  
all docs

107  
docs citations

107  
times ranked

1619  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anatomic and Functional Evaluation of Bifurcation Lesions Undergoing Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Interventions</i> , 2010, 3, 113-119.	3.9	149
2	A Y-shaped bifurcation-dedicated stent for the treatment of de novo coronary bifurcation lesions: an IVUS analysis from the BRANCH trial. <i>EuroIntervention</i> , 2015, 10, e1-e8.	3.2	112
3	Intraoperative Fluorescence Imaging System for On-Site Assessment of Off-Pump Coronary Artery Bypass Graft. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 604-612.	5.3	56
4	SYNTAX Score and Long-Term Outcomes. <i>Journal of the American College of Cardiology</i> , 2017, 69, 395-403.	2.8	54
5	Prognostic Value of Coronary Microvascular Function Measured Immediately After Percutaneous Coronary Intervention in Stable Coronary Artery Disease. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007889.	3.9	47
6	Intravascular Ultrasound Results From the ENDEAVOR IV Trial. <i>JACC: Cardiovascular Interventions</i> , 2009, 2, 779-784.	2.9	44
7	Variability of fractional flow reserve according to the methods of hyperemia induction. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 85, 970-976.	1.7	36
8	Stent-Assisted Below-the-Ankle Angioplasty for Limb Salvage. <i>Journal of Endovascular Therapy</i> , 2011, 18, 32-42.	1.5	32
9	SPIRIT III JAPAN Versus SPIRIT III USA: A Comparative Intravascular Ultrasound Analysis of the Everolimus-Eluting Stent. <i>American Journal of Cardiology</i> , 2010, 106, 13-17.	1.6	31
10	Impact of Angiotensin II Receptor Blockers on the Progression and Regression of Coronary Atherosclerosis An Intravascular Ultrasound Study. <i>Circulation Journal</i> , 2006, 70, 1111-1115.	1.6	25
11	Impact of Diabetes Mellitus on Vessel Response in the Drug-Eluting Stent Era. <i>Circulation: Cardiovascular Interventions</i> , 2012, 5, 763-771.	3.9	25
12	Impact of Continuous Administration of Tolvaptan on Preventing Medium-Term Worsening Renal Function and Long-Term Adverse Events in Heart Failure Patients with Chronic Kidney Disease. <i>International Heart Journal</i> , 2018, 59, 105-111.	1.0	24
13	Impact of Polymer Formulations on Neointimal Proliferation After Zotarolimus-Eluting Stent With Different Polymers. <i>Circulation: Cardiovascular Interventions</i> , 2011, 4, 248-255.	3.9	23
14	Discrepancy in the assessment of jailed side branch lesions by visual estimation and quantitative coronary angiographic analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2011, 78, 720-726.	1.7	22
15	Feasibility and safety of intracoronary nicorandil infusion as a novel hyperemic agent for fractional flow reserve measurements. <i>Heart and Vessels</i> , 2015, 30, 477-483.	1.2	22
16	Severity of morphological lesion complexity affects fractional flow reserve in intermediate coronary stenosis. <i>Journal of Cardiology</i> , 2015, 66, 239-245.	1.9	19
17	Impact of cigarette smoking on coronary plaque composition. <i>Coronary Artery Disease</i> , 2015, 26, 60-65.	0.7	19
18	Safety and efficacy of intracoronary nicorandil as hyperaemic agent for invasive physiological assessment: a patient-level pooled analysis. <i>EuroIntervention</i> , 2016, 12, e208-e215.	3.2	19

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19	Independent predictors of discordance between the resting full-cycle ratio and fractional flow reserve. <i>Heart and Vessels</i> , 2021, 36, 790-798.	1.2	18
20	Incidence of diffuse and focal chronic stent recoil after implantation of current generation bare-metal and drug-eluting stents. <i>International Journal of Cardiology</i> , 2010, 144, 132-134.	1.7	17
21	Intravascular Ultrasound Results From the NEVO ResElution-I Trial. <i>Circulation: Cardiovascular Interventions</i> , 2011, 4, 146-154.	3.9	17
22	Sex Differences in Neointimal Hyperplasia Following Endeavor Zotarolimus-Eluting Stent Implantation. <i>American Journal of Cardiology</i> , 2011, 108, 912-917.	1.6	17
23	Short- and Mid-Term Intravascular Ultrasound Analysis of the New Zotarolimus-Eluting Stent With Durable Polymer - Results From the RESOLUTE Trial -. <i>Circulation Journal</i> , 2010, 74, 2097-2102.	1.6	16
24	Impact of lesion characteristics on the prediction of optimal poststent fractional flow reserve. <i>American Heart Journal</i> , 2016, 182, 119-124.	2.7	15
25	Comparison of Vascular Response to Zotarolimus-Eluting Stent vs Paclitaxel-Eluting Stent Implantation - Pooled IVUS Results From the ZoMaxx I and II Trials -. <i>Circulation Journal</i> , 2010, 74, 2334-2339.	1.6	11
26	Early-Phase Vascular Healing of Bioabsorbable vs. Durable Polymer-Coated Everolimus-Eluting Stents in Patients With ST-Elevation Myocardial Infarction - 2-Week and 4-Month Analyses With Optical Coherence Tomography. <i>Circulation Journal</i> , 2018, 82, 2594-2601.	1.6	11
27	Variability in quantitative and qualitative analysis of intravascular ultrasound and frequency domain optical coherence tomography. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 82, E192-9.	1.7	10
28	Prognostic impact of lipid contents on the target lesion in patients with drug eluting stent implantation. <i>Heart and Vessels</i> , 2014, 29, 761-768.	1.2	10
29	Multiple recanalized images of thrombotic occlusion 19years after percutaneous coronary intervention: Insights from optical coherence tomography and intravascular ultrasound. <i>International Journal of Cardiology</i> , 2014, 172, 480-481.	1.7	9
30	Influence of plaque characteristics on fractional flow reserve for coronary lesions with intermediate to obstructive stenosis: insights from integrated-backscatter intravascular ultrasound analysis. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 1295-1301.	1.5	9
31	Comparison of vascular response to the everolimus-eluting stent versus the paclitaxel-eluting stent: intravascular ultrasound results from the SPIRIT III trial. <i>EuroIntervention</i> , 2012, 8, 724-731.	3.2	9
32	Peri-stent contrast staining and very late stent thrombosis after sirolimus-eluting stent implantation: an observation from the RESTART (REgistry of Stent Thrombosis for review And Re-evaluaTion) angiographic substudy. <i>EuroIntervention</i> , 2013, 9, 831-840.	3.2	9
33	Heterogeneity of Neointimal Distribution of In-Stent Restenosis in Patients With Diabetes Mellitus. <i>American Journal of Cardiology</i> , 2006, 97, 340-342.	1.6	8
34	Tissue characteristics of neointima in late restenosis: integrated backscatter intravascular ultrasound analysis for in-stent restenosis. <i>Heart and Vessels</i> , 2017, 32, 531-538.	1.2	8
35	Diagnostic Performance of High-Resolution Intravascular Ultrasound for the Detection of Plaque Rupture in Patients With Acute Coronary Syndrome. <i>Circulation Journal</i> , 2019, 83, 2505-2511.	1.6	8
36	Clinical feasibility of resting full-cycle ratio as a unique non-hyperemic index of invasive functional lesion assessment. <i>Heart and Vessels</i> , 2020, 35, 1518-1526.	1.2	8

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37	Effects of polyunsaturated fatty acids on periprocedural myocardial infarction after elective percutaneous coronary intervention. <i>EuroIntervention</i> , 2014, 10, 792-798.	3.2	8
38	Vascular Response to Overlapping Everolimus-Eluting Stents - Comparison With Paclitaxel-Eluting Stents -. <i>Circulation Journal</i> , 2010, 74, 1023-1025.	1.6	7
39	Effects of eicosapentaenoic acid on peri-procedural (type IVa) myocardial infarction following elective coronary stenting. <i>Journal of Cardiology</i> , 2015, 66, 114-119.	1.9	7
40	Acute stent recoil and optimal balloon inflation strategy: an experimental study using real-time optical coherence tomography. <i>EuroIntervention</i> , 2016, 12, e190-e198.	3.2	7
41	Comparison of nonuniform strut distribution between two drug-eluting stent platforms. <i>Journal of Invasive Cardiology</i> , 2007, 19, 244-6.	0.4	6
42	Effect of Lumen Narrowing Within Sirolimus-Eluting Stents on Proximal and Distal Vessel Segments. <i>Circulation Journal</i> , 2007, 72, 534-537.	1.6	5
43	Intravascular ultrasound analysis of small vessel lesions treated with the sparrow coronary stent system: Results of the CARE II trial. <i>Catheterization and Cardiovascular Interventions</i> , 2014, 83, 19-24.	1.7	5
44	Safety and efficacy of low-dose paclitaxel utilizing the cobra-P drug-eluting stent system with a novel biodegradable coating in de novo coronary lesions: The PLUS-ONE first-in-man study. <i>Cardiovascular Revascularization Medicine</i> , 2014, 15, 18-22.	0.8	3
45	Predictability of tricuspid annular plane systolic excursion for the effectiveness of tolvaptan in patients with heart failure. <i>Journal of Echocardiography</i> , 2017, 15, 118-126.	0.8	3
46	Epidemiological Features and Clinical Presentations of Acute Coronary Syndrome in Young Patients. <i>Internal Medicine</i> , 2020, 59, 1125-1131.	0.7	3
47	Temporal changes of incomplete stent apposition during early phase after everolimus-eluting stent implantation: A serial optical coherence tomography analyses at 2-week and 4-month. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 411-417.	1.5	3
48	Intravascular ultrasound analysis of small-vessel lesions treated with novel ultra-low profile, guidewire-based self-expanding stent system. <i>Journal of Invasive Cardiology</i> , 2008, 20, 647-50.	0.4	3
49	Neointimal hyperplasia in a thin-strut cobalt-chromium stent: Insights from detailed 3-D intravascular ultrasound analysis. <i>International Journal of Cardiology</i> , 2010, 145, 125-126.	1.7	2
50	TCT-583 Multi Center, Prospective, Randomized, Single Blind, Consecutive Enrollment Evaluation a Novolimus-Eluting Coronary Stent System with Bioabsorbable Polymer Compared to a Zotarolimus-Eluting Coronary Stent System: 12- Month Clinical and 6-Month Angiographic and IVUS Results: the EXCELLA BD Study. <i>Journal of the American College of Cardiology</i> , 2012, 60, B169.	2.8	2
51	Impact of chronic obstructive pulmonary disease on composition of left main coronary artery plaque with intermediate stenosis. <i>International Journal of Cardiology</i> , 2014, 174, 865-866.	1.7	2
52	Relative dose and vascular response after drug-eluting stent implantation: A dosimetric 3D-intravascular ultrasound study. <i>International Journal of Cardiology</i> , 2016, 204, 211-217.	1.7	2
53	Tumor-like appearance in ruptured sinus of Valsalva with quadricuspid aortic valve. <i>Journal of Cardiology Cases</i> , 2019, 20, 115-117.	0.5	2
54	TCT-430 Myocardial Bridging Increases Diffuse and Focal Chronic Stent Recoil Following Drug-Eluting Stent Implantation. <i>Journal of the American College of Cardiology</i> , 2012, 60, B122.	2.8	1

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55	Intravascular ultrasound insights from the Cobalt Chromium Stent With Antiproliferative for Restenosis II (COSTAR II) trial comparing CoStar and Taxus paclitaxel-eluting stents. <i>Cardiovascular Revascularization Medicine</i> , 2012, 13, 111-118.	0.8	1
56	Very late acquired peri-stent contrast staining and incomplete stent apposition with biodegradable polymer stents: Insight from optical coherence tomography. <i>International Journal of Cardiology</i> , 2014, 176, e11-e12.	1.7	1
57	TCT-460 Multi-Center, Randomized Evaluation of the Elixir DESyne <sup>®</sup> Novolimus Eluting Coronary Stent System with Biodegradable Polymer Compared to a Zotarolimus-Eluting Coronary Stent System: Final 5-Year Results from the EXCELLA BD Study. <i>Journal of the American College of Cardiology</i> , 2016, 68, B185.	2.8	1
58	Impact of vascular access site on procedural time of endomyocardial biopsy. <i>Heart and Vessels</i> , 2019, 34, 793-800.	1.2	1
59	Impact of antiplatelet therapy on tissue prolapse at super acute phase after stenting: serial OCT study in acute coronary syndrome patients. <i>Heart and Vessels</i> , 2021, 36, 200-210.	1.2	1
60	Association of microvascular dysfunction with clinical outcomes in patients with non-flow limiting fractional flow reserve after percutaneous coronary intervention. <i>IJC Heart and Vasculature</i> , 2021, 35, 100833.	1.1	1
61	TCT-229 The Safety and Feasibility of Nicorandil Compared to Adenosine Triphosphate as Hyperemic Agents for Fractional Flow Reserve Measurements. <i>Journal of the American College of Cardiology</i> , 2012, 60, B66-B67.	2.8	0
62	Improved automated lumen contour detection by novel multifrequency processing algorithm with current intravascular ultrasound system. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 81, E173-E177.	1.7	0
63	The Association of Coronary Artery Calcium Score and SYNTAX Score. <i>American Journal of Cardiology</i> , 2013, 111, 86B.	1.6	0
64	Effect of Oral Hydration on Renal Function After Coronary Catheterization. <i>American Journal of Cardiology</i> , 2013, 111, 89B.	1.6	0
65	EFFECT OF EICOSAPENTAENOIC ACID ON THE PREVENTION OF PERIPROCEDURAL (TYPE IVA) MYOCARDIAL INFARCTION FOLLOWING PERCUTANEOUS CORONARY INTERVENTION. <i>Journal of the American College of Cardiology</i> , 2014, 63, A1566.	2.8	0
66	TCT-586 Multi-Center, Prospective, Randomized, Single-Blind, Consecutive Enrollment Evaluation of the Elixir DESyne <sup>®</sup> Novolimus Eluting Coronary Stent System with Biodegradable Polymer Compared to a Zotarolimus-Eluting Coronary Stent System: 3-Year Results from the EXCELLA BD Study. <i>Journal of the American College of Cardiology</i> , 2014, 64, B170-B171.	2.8	0
67	TCTAP A-084 Impact of Pre-dilatation Strategy on Vessel Response Following Stent Implantation in Patients with De Novo Coronary Artery Lesion. <i>Journal of the American College of Cardiology</i> , 2014, 63, S23-S24.	2.8	0
68	First-in-Man Study of the Low-Dose Paclitaxel Using the COBRA <sup>®</sup> Drug-Eluting Coronary Stent System With a Novel Biodegradable Coating in De Novo Coronary Lesions. <i>Catheterization and Cardiovascular Interventions</i> , 2014, 84, 1101-1109.	1.7	0
69	TCT-568 Multi-Center, Randomized Evaluation of the Elixir DESyne <sup>®</sup> Novolimus Eluting Coronary Stent System with Biodegradable Polymer Compared to a Zotarolimus-Eluting Coronary Stent System: 4-Year Results from the EXCELLA BD Study <sup>®</sup> . <i>Journal of the American College of Cardiology</i> , 2015, 66, B230.	2.8	0
70	TCTAP A-091 Different Plaque Re-Distribution Between Non-Slip Element Balloon and Conventional Balloon in De Novo Coronary Artery Lesions: 3D-IVUS Study. <i>Journal of the American College of Cardiology</i> , 2016, 67, S43-S44.	2.8	0
71	Impact of attenuated-signal plaque observed by intravascular ultrasound on vessel response after drug-eluting stent implantation. <i>Atherosclerosis</i> , 2017, 259, 68-74.	0.8	0
72	TCT-384 Diagnostic utility of noninvasive fractional flow reserve derived from coronary computed tomography angiography in patients with stable coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2018, 72, B155.	2.8	0

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73	Effect of Deep Breathing in a Patient With Single Coronary Artery Compressed by Aorta and Pulmonary Artery—Intravascular Ultrasound and Fractional Flow Reserve Assessment. <i>Circulation Journal</i> , 2020, 84, 677.	1.6	0
74	Comparison of vessel response following sirolimus-eluting stent implantation as assessed by serial 3-D intravascular ultrasound study. <i>Journal of Invasive Cardiology</i> , 2007, 19, 171-3.	0.4	0
75	Characteristics of Late-Acquired Incomplete Stent Apposition: A Comparison With First-Generation and Second-Generation Drug-Eluting Stents. <i>Journal of Invasive Cardiology</i> , 2016, 28, 323-9.	0.4	0