

# Yu Kataoka

## List of Publications by Citations

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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.

56  
papers

1,347  
citations

19  
h-index

36  
g-index

65  
ext. papers

1,656  
ext. citations

4.2  
avg, IF

4.14  
L-index

#	Paper	IF	Citations
56	Impact of statins on serial coronary calcification during atheroma progression and regression. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 1273-1282	15.1	319
55	Spotty calcification as a marker of accelerated progression of coronary atherosclerosis: insights from serial intravascular ultrasound. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 59, 1592-7	15.1	125
54	Non-HDL Cholesterol and Triglycerides: Implications for Coronary Atheroma Progression and Clinical Events. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 2220-2228	9.4	86
53	Effect of the BET Protein Inhibitor, RVX-208, on Progression of Coronary Atherosclerosis: Results of the Phase 2b, Randomized, Double-Blind, Multicenter, ASSURE Trial. <i>American Journal of Cardiovascular Drugs</i> , <b>2016</b> , 16, 55-65	4	67
52	Effect of aliskiren on progression of coronary disease in patients with prehypertension: the AQUARIUS randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2013</b> , 310, 1135-44 <sup>274</sup>	27.4	59
51	Coronary Artery Ectasia Predicts Future Cardiac Events in Patients With Acute Myocardial Infarction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , 37, 2350-2355	9.4	58
50	Spotty calcification and plaque vulnerability in vivo: frequency-domain optical coherence tomography analysis. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2014</b> , 4, 460-9	2.6	51
49	Atheroma progression in hyporesponders to statin therapy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 990-5	9.4	49
48	High-intensity statin therapy alters the natural history of diabetic coronary atherosclerosis: insights from SATURN. <i>Diabetes Care</i> , <b>2014</b> , 37, 3114-20	14.6	45
47	Sex-related differences of coronary atherosclerosis regression following maximally intensive statin therapy: insights from SATURN. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 1013-22	8.4	40
46	Near-Infrared Spectroscopy Enhances Intravascular Ultrasound Assessment of Vulnerable Coronary Plaque: A Combined Pathological and In Vivo Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 2423-31	9.4	39
45	Impact of baseline lipoprotein and C-reactive protein levels on coronary atheroma regression following high-intensity statin therapy. <i>American Journal of Cardiology</i> , <b>2014</b> , 114, 1465-72	3	37
44	Myeloperoxidase levels predict accelerated progression of coronary atherosclerosis in diabetic patients: insights from intravascular ultrasound. <i>Atherosclerosis</i> , <b>2014</b> , 232, 377-83	3.1	37
43	Sex Differences in Nonculprit Coronary Plaque Microstructures on Frequency-Domain Optical Coherence Tomography in Acute Coronary Syndromes and Stable Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , <b>2016</b> , 9,	3.9	35
42	Antiatherosclerotic effects of long-term maximally intensive statin therapy after acute coronary syndrome: insights from Study of Coronary Atheroma by Intravascular Ultrasound: Effect of Rosuvastatin Versus Atorvastatin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 2465-72	9.4	33
41	Regression of coronary atherosclerosis with infusions of the high-density lipoprotein mimetic CER-001 in patients with more extensive plaque burden. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2017</b> , 7, 252-263	2.6	32
40	Plaque microstructures in patients with coronary artery disease who achieved very low low-density lipoprotein cholesterol levels. <i>Atherosclerosis</i> , <b>2015</b> , 242, 490-5	3.1	28

39	Frequency-domain optical coherence tomographic analysis of plaque microstructures at nonculprit narrowings in patients receiving potent statin therapy. <i>American Journal of Cardiology</i> , <b>2014</b> , 114, 549-54	3.2	25
38	Multiple risk factor intervention and progression of coronary atherosclerosis in patients with type 2 diabetes mellitus. <i>European Journal of Preventive Cardiology</i> , <b>2013</b> , 20, 209-17	3.9	21
37	Progression of coronary atherosclerosis in stable patients with ultrasonic features of high-risk plaques. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2014</b> , 15, 1035-41	4.1	16
36	Inflammation, plaque progression and vulnerability: evidence from intravascular ultrasound imaging. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2015</b> , 5, 280-9	2.6	15
35	Aortic atheroma burden predicts acute cerebrovascular events after transcatheter aortic valve implantation: insights from volumetric multislice computed tomography analysis. <i>EuroIntervention</i> , <b>2016</b> , 12, 783-9	3.1	12
34	The Extent of Aortic Atherosclerosis Predicts the Occurrence, Severity, and Recovery of Acute Kidney Injury After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , <b>2018</b> , 11, e006367	6	12
33	The beneficial effects of raising high-density lipoprotein cholesterol depends upon achieved levels of low-density lipoprotein cholesterol during statin therapy: Implications for coronary atheroma progression and cardiovascular events. <i>European Journal of Preventive Cardiology</i> , <b>2016</b> , 23, 474-85	3.9	8
32	In vivo visualization of lipid coronary atheroma with intravascular near-infrared spectroscopy. <i>Expert Review of Cardiovascular Therapy</i> , <b>2017</b> , 15, 775-785	2.5	8
31	Plaque burden, microstructures and compositions underachieving very low LDL-C levels. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , <b>2017</b> , 24, 122-132	4	7
30	Current imaging modalities for atherosclerosis. <i>Expert Review of Cardiovascular Therapy</i> , <b>2012</b> , 10, 457-71	1.5	7
29	Achieving better modulation of coronary atherosclerosis: its understanding, visualization and treatment. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2016</b> , 6, 280-1	2.6	7
28	Mature proprotein convertase subtilisin/kexin type 9, coronary atheroma burden, and vessel remodeling in heterozygous familial hypercholesterolemia. <i>Journal of Clinical Lipidology</i> , <b>2017</b> , 11, 413-421	4.9	6
27	Plaque vulnerability at non-culprit lesions in obese patients with coronary artery disease: Frequency-domain optical coherence tomography analysis. <i>European Journal of Preventive Cardiology</i> , <b>2015</b> , 22, 1331-9	3.9	6
26	Progression of ultrasound plaque attenuation and low echogenicity associates with major adverse cardiovascular events. <i>European Heart Journal</i> , <b>2020</b> , 41, 2965-2973	9.5	6
25	imaging of vulnerable plaque with intravascular modalities: its advantages and limitations. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2020</b> , 10, 1461-1479	2.6	6
24	Imaging of atherosclerotic plaques in obesity: excessive fat accumulation, plaque progression and vulnerability. <i>Expert Review of Cardiovascular Therapy</i> , <b>2014</b> , 12, 1471-89	2.5	5
23	Progression of coronary atherosclerosis in African-American patients. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2013</b> , 3, 161-9	2.6	5
22	Cardiac outcomes in patients with acute coronary syndrome attributable to calcified nodule. <i>Atherosclerosis</i> , <b>2021</b> , 318, 70-75	3.1	5

21	Effects of aliskiren in diabetic and non-diabetic patients with coronary artery disease: Insights from AQUARIUS. <i>Atherosclerosis</i> , <b>2015</b> , 243, 553-9	3.1	3
20	Cholesterol crystal-induced coronary inflammation: Insights from optical coherence tomography and pericoronary adipose tissue computed tomography attenuation. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2020</b> , 14, 277-278	2.8	3
19	Predicting Parameters for Successful Weaning from Veno-Arterial Extracorporeal Membrane Oxygenation in Cardiogenic Shock. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 471-480	3.7	3
18	Plaque erosion or coronary artery embolism? Findings from clinical presentation, optical coherence tomographic and histopathological analysis in a case with acute coronary syndrome. <i>International Journal of Cardiovascular Imaging</i> , <b>2019</b> , 35, 1791-1792	2.5	2
17	Non-invasive volumetric assessment of aortic atheroma: a core laboratory validation using computed tomography angiography. <i>International Journal of Cardiovascular Imaging</i> , <b>2016</b> , 32, 121-9	2.5	2
16	In vivo visualization of braid-like appearance in Kawasaki disease: insights from multi-modality imaging. <i>International Journal of Cardiovascular Imaging</i> , <b>2017</b> , 33, 1891-1893	2.5	2
15	Suspected hypersensitivity reaction following drug-eluting stent implantation. Novel insights with optical coherence tomography. <i>JACC: Cardiovascular Interventions</i> , <b>2012</b> , 5, e21-3	5	2
14	Refractory In-Stent Restenosis Attributable to Eruptive Calcified Nodule. <i>JACC: Case Reports</i> , <b>2020</b> , 2, 1872-1878	1.2	2
13	The feasibility and limitation of coronary computed tomographic angiography imaging to identify coronary lipid-rich atheroma in vivo: Findings from near-infrared spectroscopy analysis. <i>Atherosclerosis</i> , <b>2021</b> , 322, 1-7	3.1	2
12	Chronic kidney disease and coronary atherosclerosis: evidences from intravascular imaging. <i>Expert Review of Cardiovascular Therapy</i> , <b>2019</b> , 17, 707-716	2.5	1
11	The impact of lumen size and microvascular resistance on Fourier-domain optical coherence tomography (FD-OCT) coronary measurements. <i>International Journal of Cardiology</i> , <b>2014</b> , 174, 210-1	3.2	1
10	Suboptimal lipoprotein (a) control and residual plaque instability despite proprotein convertase subtilisin/kexin type 9 inhibitor use in heterozygous familial hypercholesterolaemia: insights from serial near-infrared spectroscopy imaging. <i>European Heart Journal</i> , <b>2021</b> , 42, 2218-2219	9.5	1
9	Circulating Mature PCSK9 Level Predicts Diminished Response to Statin Therapy. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e019525	6	1
8	Comparing Coronary Atheroma Progression Rates and Coronary Events in the United States, Canada, Latin America, and Europe. <i>American Journal of Cardiology</i> , <b>2016</b> , 118, 1616-1623	3	1
7	Substantially Elevated Atherosclerotic Risks in Japanese Severe Familial Hypercholesterolemia Defined by the International Atherosclerosis Society. <i>JACC Asia</i> , <b>2021</b> , 1, 245-255		1
6	Embolization of Neoatherosclerosis After Percutaneous Coronary Intervention: Insights From Near-Infrared Spectroscopy Imaging and Histopathological Analysis. <i>Circulation: Cardiovascular Interventions</i> , <b>2018</b> , 11, e006175	6	0
5	Serial changes in vessel walls of renal arteries after catheter-based renal artery denervation: insights from volumetric computed tomography analysis. <i>International Journal of Nephrology and Renovascular Disease</i> , <b>2018</b> , 11, 259-266	2.5	0
4	Erupted coronary atheroma: insights from multi-modality imaging. <i>International Journal of Cardiovascular Imaging</i> , <b>2018</b> , 34, 1669-1671	2.5	0

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| 3 | Marking Technique for Identification of Optimal Stent Landing Site With Optical Coherence Tomographic Imaging. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, e79-e80          | 5   |
| 2 | Lipidomics: Opportunities to Identify New Causal Mechanisms and Therapeutics for Atherosclerosis. <i>Current Cardiovascular Risk Reports</i> , <b>2013</b> , 7, 60-65                         | 0.9 |
| 1 | Temporal Changes in Near-Infrared Spectroscopy Signals in Recurrent In-Stent Restenosis Attributable to Calcified Nodule. <i>Canadian Journal of Cardiology</i> , <b>2021</b> , 37, 1880-1881 | 3.8 |