# Kaoru Tanaka

List of Publications by Year
in descending order



| 29 | 952 | 516710 16 | 501196 28 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 29 | 29 | 29 | 1287 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Echocardiographic prediction ofleft ventricular dysfunction aftermitral valve repair for mitral regurgitation as anindicator to decide the optimal timing of repair. Journal of the American College of Cardiology, 2003, 42, 458-463. | 2.8 | 124 |
| 2 | Shape-Driven Segmentation of the Arterial Wall in Intravascular Ultrasound Images. IEEE Transactions on Information Technology in Biomedicine, 2008, 12, 335-347. | 3.2 | 115 |
| 3 | Pre-operative atrial fibrillation as the key determinant of outcome of mitral valve repair for degenerative mitral regurgitation. European Heart Journal, 2005, 26, 1866-1872. | 2.2 | 88 |
| 4 | Intravascular ultrasound assessment of drug-eluting stent expansion. American Heart Journal, 2007, 153, 297-303. | 2.7 | 76 |
| 5 | Impact of Fractional Flow Reserve Derived From Coronary Computed Tomography Angiography on Heart Team Treatment Decision-Making in Patients With Multivessel Coronary Artery Disease. Circulation: Cardiovascular Interventions, 2019, 12, e007607. | 3.9 | 76 |
| 6 | Outcome After Acute Incomplete Sirolimus-Eluting Stent Apposition as Assessed by Serial Intravascular Ultrasound. American Journal of Cardiology, 2006, 98, 436-442. | 1.6 | 70 |
| 7 | Correlation of Aortic Valve Area Obtained by the Velocity-Encoded Phase Contrast Continuity Method to Direct Planimetry using Cardiovascular Magnetic Resonance. Journal of Cardiovascular Magnetic Resonance, 2007, 9, 799-805. | 3.3 | 49 |
| 8 | Intravascular Ultrasound Profile Analysis of Ruptured Coronary Plaques. American Journal of Cardiology, 2006, 98, 429-435. | 1.6 | 47 |
| 9 | Second-generation cryoballoon ablation in the setting of left common pulmonary veins: Procedural findings and clinical outcome. Heart Rhythm, 2017, 14, 1311-1318. | 0.7 | 44 |
| 10 | Anatomic predictors of phrenic nerve injury in the setting of pulmonary vein isolation using the 28-mm second-generation cryoballoon. Heart Rhythm, 2016, 13, 342-351. | 0.7 | 42 |
| 11 | Fluoroscopic position of the second-generation cryoballoon during ablation in the right superior pulmonary vein as a predictor of phrenic nerve injury. Europace, 2016, 18, 1179-1186. | 1.7 | 26 |
| 12 | Studying Coronary Plaque Regression with IVUS: A Critical Review of Recent Studies. Journal of Interventional Cardiology, 2006, 19, 11-15. | 1.2 | 24 |
| 13 | The accuracy of length measurements using different intravascular ultrasound motorized transducer pullback systems. International Journal of Cardiovascular Imaging, 2007, 23, 733-738. | 1.5 | 24 |
| 14 | Safety and feasibility evaluation of planning and execution of surgical revascularisation solely based on coronary CTA and FFR<sub>CT</sub> in patients with complex coronary artery disease: study protocol of the FASTTRACK CABG study. BMJ Open, 2020, 10, e038152. | 1.9 | 24 |
| 15 | Testâ€“retest reliability of left and right ventricular systolic function by new and conventional echocardiographic and cardiac magnetic resonance parameters. European Heart Journal Cardiovascular Imaging, 2021, 22, 1157-1167. | 1.2 | 23 |
| 16 | Prolonged right ventricular ejection delay identifies high risk patients and gender differences in Brugada syndrome. International Journal of Cardiology, 2015, 191, 90-96. | 1.7 | 17 |
| 17 | Impact of a preoperative mitral regurgitation scoring system on outcome of surgical repair for mitral valve prolapse. American Journal of Cardiology, 2003, 92, 1306-1309. | 1.6 | 16 |
| 18 | Volumetric Intravascular Ultrasound Assessment of Neointimal Hyperplasia and Nonuniform Stent Strut Distribution in Sirolimus-Eluting Stent Restenosis. American Journal of Cardiology, 2006, 98, 1559-1562. | 1.6 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | MRI in the assessment of non ischemic myocardial diseases. European Journal of Radiology, 2012, 81, 1546-1548. | 2.6 | 14 |
| 20 | The Impact of Combining a Low-Tube Voltage Acquisition with Iterative Reconstruction on Total Iodine Dose in Coronary CT Angiography. BioMed Research International, 2017, 2017, 1-10. | 1.9 | 13 |
| 21 | Anatomic predictors of late right inferior pulmonary vein reconnection in the setting of secondâ€generation cryoballoon ablation. Journal of Cardiovascular Electrophysiology, 2019, 30, 2294-2301. | 1.7 | 6 |
| 22 | Diagnostic concordance and discordance between angiography-based quantitative flow ratio and fractional flow reserve derived from computed tomography in complex coronary artery disease. Journal of Cardiovascular Computed Tomography, 2022, 16, 336-342. | 1.3 | 5 |
| 23 | Feasibility and Reproducibility of Left Atrium Measurements Using Different Three-Dimensional Echocardiographic Modalities. Diagnostics, 2020, 10, 1043. | 2.6 | 4 |
| 24 | Feasibility, Reproducibility and Validation of Right Ventricular Volume and Function Assessment Using Three-Dimensional Echocardiography. Diagnostics, 2021, 11, 699. | 2.6 | 4 |
| 25 | Potential increase in radiationâ€induced DNA doubleâ€strand breaks with higher doses of iodine contrast during coronary CT angiography. Medical Physics, 2021, 48, 7526-7533. | 3.0 | 3 |
| 26 | Coronary plaque dimensions and composition by intravascular ultrasound radio frequency lesion segment analysis in stable and unstable angina patients. Coronary Artery Disease, 2009, 20, 309-316. | 0.7 | 2 |
| 27 | IVUS Makes Important Strides in 2005. Journal of Interventional Cardiology, 2006, 19, 337-339. | 1.2 | 1 |
| 28 | Paradoxical embolism in a patient with a large tricuspid myxoma and patent foramen ovale. European Journal of Echocardiography, 2011, 12, 641-641. | 2.3 | 1 |
| 29 | Predictors of left ventricular dysfunction following mitral valve repair for mitral regurgitation: Reply. Journal of the American College of Cardiology, 2004, 43, 1925-1926. | 2.8 | 0 |