

# Takashi Matsui

## 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.

48  
papers

3,168  
citations

21  
h-index

53  
g-index

53  
ext. papers

3,529  
ext. citations

5.8  
avg. IF

4.57  
L-index

#	Paper	IF	Citations
48	Akt activation preserves cardiac function and prevents injury after transient cardiac ischemia in vivo. <i>Circulation</i> , <b>2001</b> , 104, 330-5	16.7	621
47	Restoration of contractile function in isolated cardiomyocytes from failing human hearts by gene transfer of SERCA2a. <i>Circulation</i> , <b>1999</b> , 100, 2308-11	16.7	390
46	Phenotypic spectrum caused by transgenic overexpression of activated Akt in the heart. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 22896-901	5.4	349
45	Adenoviral gene transfer of activated phosphatidylinositol 3Kinase and Akt inhibits apoptosis of hypoxic cardiomyocytes in vitro. <i>Circulation</i> , <b>1999</b> , 100, 2373-9	16.7	341
44	Convergent signal transduction pathways controlling cardiomyocyte survival and function: the role of PI 3-kinase and Akt. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2005</b> , 38, 63-71	5.8	210
43	PI3K rescues the detrimental effects of chronic Akt activation in the heart during ischemia/reperfusion injury. <i>Journal of Clinical Investigation</i> , <b>2005</b> , 115, 2128-38	15.9	184
42	Prospects for gene therapy for heart failure. <i>Circulation Research</i> , <b>2000</b> , 86, 616-21	15.7	131
41	Protective effects of the mechanistic target of rapamycin against excess iron and ferroptosis in cardiomyocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2018</b> , 314, H659-H668	5.2	126
40	Cardiac mTOR protects the heart against ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2012</b> , 303, H75-85	5.2	107
39	mTOR attenuates the inflammatory response in cardiomyocytes and prevents cardiac dysfunction in pathological hypertrophy. <i>American Journal of Physiology - Cell Physiology</i> , <b>2010</b> , 299, C1256-66	5.4	104
38	Adenoviral gene transfer of phospholamban in isolated rat cardiomyocytes. Rescue effects by concomitant gene transfer of sarcoplasmic reticulum Ca(2+)-ATPase. <i>Circulation Research</i> , <b>1997</b> , 81, 145-53	15.7	76
37	Akt and PI 3-kinase signaling in cardiomyocyte hypertrophy and survival. <i>Cell Cycle</i> , <b>2003</b> , 2, 220-3	4.7	74
36	Guidelines for evaluating myocardial cell death. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 317, H891-H922	5.2	63
35	Pathological Roles of Iron in Cardiovascular Disease. <i>Current Drug Targets</i> , <b>2018</b> , 19, 1068-1076	3	61
34	Effects of chronic Akt activation on glucose uptake in the heart. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2006</b> , 290, E789-97	6	48
33	Efficacy and Tolerability of High-Flow Nasal Cannula Oxygen Therapy for Hypoxemic Respiratory Failure in Patients with Interstitial Lung Disease with Do-Not-Intubate Orders: A Retrospective Single-Center Study. <i>Respiration</i> , <b>2018</b> , 96, 323-329	3.7	36
32	Impact of Preexisting Interstitial Lung Disease on Acute, Extensive Radiation Pneumonitis: Retrospective Analysis of Patients with Lung Cancer. <i>PLoS ONE</i> , <b>2015</b> , 10, e0140437	3.7	35

31	The Cardiomyocyte as a Source of Cytokines in Cardiac Injury. <i>Journal of Cell Science &amp; Therapy</i> , <b>2011</b> , 2012,		35
30	The mTOR Signaling Pathway in Myocardial Dysfunction in Type 2 Diabetes Mellitus. <i>Current Diabetes Reports</i> , <b>2017</b> , 17, 38	5.6	31
29	Impact of early inflammatory cytokine elevation after commencement of PD-1 inhibitors to predict efficacy in patients with non-small cell lung cancer. <i>Medical Oncology</i> , <b>2019</b> , 36, 33	3.7	29
28	Cardiac mTOR rescues the detrimental effects of diet-induced obesity in the heart after ischemia-reperfusion. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2015</b> , 308, H1530-9	5.3	29
27	Evaluation of Programmed Death Ligand 1 (PD-L1) Gene Amplification and Response to Nivolumab Monotherapy in Non-small Cell Lung Cancer. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2011818	10.4	10
26	Olanzapine-containing antiemetic therapy for the prevention of carboplatin-induced nausea and vomiting. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2019</b> , 84, 147-153	3.5	9
25	Myocyte injury along myofibers in left ventricular remodeling after myocardial infarction. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2009</b> , 9, 951-5	1.8	9
24	Assessment of PI-3 kinase and Akt in ischemic heart diseases in diabetes. <i>Methods in Molecular Medicine</i> , <b>2007</b> , 139, 329-38		9
23	Distinctive impact of pre-existing interstitial lung disease on the risk of chemotherapy-related lung injury in patients with lung cancer. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2016</b> , 77, 1031-8	3.5	9
22	Clinical impact of minocycline on afatinib-related rash in patients with non-small cell lung cancer harboring epidermal growth factor receptor mutations. <i>Respiratory Investigation</i> , <b>2018</b> , 56, 179-183	3.4	5
21	Clinical Outcomes of Anti-programmed Death-1 Antibody-Related Pneumonitis in Patients with Non-Small Cell Lung Cancer. <i>SN Comprehensive Clinical Medicine</i> , <b>2020</b> , 2, 570-578	2.7	4
20	Stereotactic body radiotherapy for second primary lung cancer and intra-parenchymal lung metastasis in patients previously treated with surgery: evaluation of indications and predictors of decreased respiratory function. <i>Acta Oncologica</i> , <b>2018</b> , 57, 1232-1239	3.2	4
19	Genetic determinants of risk in autoimmune pulmonary alveolar proteinosis. <i>Nature Communications</i> , <b>2021</b> , 12, 1032	17.4	4
18	Three-dimensional myocardial scarring along myofibers after coronary ischemia-reperfusion revealed by computerized images of histological assays. <i>Physiological Reports</i> , <b>2014</b> , 2, e12072	2.6	3
17	Cardiac signal transduction. <i>Journal of Nuclear Cardiology</i> , <b>2000</b> , 7, 63-71	2.1	3
16	Cone beam computed tomography of plastinated hearts for instruction of radiological anatomy. <i>Surgical and Radiologic Anatomy</i> , <b>2016</b> , 38, 843-53	1.4	3
15	Rhinosinusitis and disseminated cutaneous infection caused by <i>Mycobacterium chelonae</i> in an immunocompromised patient. <i>Journal of Infection and Chemotherapy</i> , <b>2015</b> , 21, 691-4	2.2	2
14	Switch maintenance therapy with docetaxel and bevacizumab after induction therapy with cisplatin, pemetrexed, and bevacizumab in advanced non-squamous non-small cell lung cancer: a phase II study. <i>Medical Oncology</i> , <b>2018</b> , 35, 108	3.7	2

13	Targeting ischemic cardiac dysfunction through gene transfer. <i>Current Atherosclerosis Reports</i> , <b>2003</b> , 5, 191-5	6	2
12	Increased serum cholesterol and long-chain fatty acid levels are associated with the efficacy of nivolumab in patients with non-small cell lung cancer. <i>Cancer Immunology, Immunotherapy</i> , <b>2021</b> , 1	7.4	2
11	Erlotinib and bevacizumab in elderly patients $\geq 75$ years old with non-small cell lung cancer harboring epidermal growth factor receptor mutations. <i>Investigational New Drugs</i> , <b>2021</b> , 39, 210-216	4.3	2
10	Preexisting Interstitial Lung Disease and Lung Injury Associated with Irinotecan in Patients with Neoplasms. <i>Anticancer Research</i> , <b>2018</b> , 38, 5937-5941	2.3	2
9	The role of ubiquitin in cardiac ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 316, H583-H585	5.2	1
8	Switch maintenance therapy with S-1 after induction therapy with carboplatin and nanoparticle albumin-bound paclitaxel in advanced lung squamous cell carcinoma. <i>Investigational New Drugs</i> , <b>2019</b> , 37, 531-537	4.3	1
7	Retrospective analysis comparing pulmonary toxicity between S-1 and docetaxel in non-small-cell lung cancer patients with preexisting interstitial lung disease.. <i>Journal of Clinical Oncology</i> , <b>2015</b> , 33, e19105-e19105	2.2	1
6	Clinical utility of liquid biopsy for EGFR driver, T790M mutation and EGFR amplification in plasma in patients with acquired resistance to afatinib. <i>BMC Cancer</i> , <b>2021</b> , 21, 57	4.8	1
5	Efficacy of immune checkpoint inhibitors in non-small cell lung cancer with uncommon histology: a propensity-score-matched analysis. <i>BMC Pulmonary Medicine</i> , <b>2021</b> , 21, 309	3.5	0
4	mTOR-mediated calcium transients affect cardiac function in ex vivo ischemia-reperfusion injury. <i>Physiological Reports</i> , <b>2021</b> , 9, e14807	2.6	0
3	The effects of Tel2 on cardiomyocyte survival. <i>Life Sciences</i> , <b>2019</b> , 232, 116665	6.8	
2	Retrospective evaluation of prophylactic cranial irradiation in patients with limited-stage small cell lung cancer with stereotactic radiotherapy: A multi-institutional study.. <i>Journal of Clinical Oncology</i> , <b>2014</b> , 32, 7591-7591	2.2	
1	A Case of Small Cell Lung Cancer in Complete Remission for Nine Years After Recurrence by Solitary Brain Metastasis and Treatment with Stereotactic Irradiation. <i>Japanese Journal of Lung Cancer</i> , <b>2017</b> , 57, 775-780	0.1	