Ryotaro Hashizume

List of Publications by Year
in descending order

28	1,672	331538 21	526166 27
papers	citations	h-index	g-index

28	28	28	2754
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Serum-Induced Expression of Brain Natriuretic Peptide Contributes to Its Increase in Patients with HFpEF. International Journal of Molecular Sciences, 2022, 23, 2991.	1.8	1
2	Experimental method for haplotype phasing across the entire length of chromosome 21 in trisomy 21 cells using a chromosome elimination technique. Journal of Human Genetics, 2022, 67, 565-572.	1.1	2
3	Gap junction protein beta 4 plays an important role in cardiac function in humans, rodents, and zebrafish. PLoS ONE, 2020, 15, e0240129.	1.1	10
4	BNP as a Major Player in the Heart-Kidney Connection. International Journal of Molecular Sciences, 2019, 20, 3581.	1.8	57
5	Possibility of venoarterial extracorporeal membranous oxygenator being a bridging therapy for hemodynamic deterioration of pulmonary tumor thrombotic microangiopathy prior to initiating chemotherapy. Medicine (United States), 2018, 97, e12169.	0.4	4
6	Renal papillary tip extract stimulates BNP production and excretion from cardiomyocytes. PLoS ONE, 2018, 13, e0197078.	1.1	1
7	Use of a pedicled omental flap to reduce inflammation and vascularize an abdominal wall patch. Journal of Surgical Research, 2017, 212, 77-85.	0.8	7
8	Skeletal muscle derived stem cells microintegrated into a biodegradable elastomer for reconstruction of the abdominal wall. Biomaterials, 2017, 113, 31-41.	5.7	30
9	Abdominal wall reconstruction by a regionally distinct biocomposite of extracellular matrix digest and a biodegradable elastomer. Journal of Tissue Engineering and Regenerative Medicine, 2016, 10, 748-761.	1.3	25
10	Tenascin-C May Accelerate Cardiac Fibrosis by Activating Macrophages via the Integrin Î±VÎ²3/Nuclear Factorâ€“ÎºB/Interleukin-6 Axis. Hypertension, 2015, 66, 757-766.	1.3	98
11	Therapeutic potential of bone marrow-derived mesenchymal stem cells in formed aortic aneurysms of a mouse model. European Journal of Cardio-thoracic Surgery, 2014, 45, e156-e165.	0.6	31
12	Intramyocardial Injection of a Synthetic Hydrogel with Delivery of bFGF and IGF1 in a Rat Model of Ischemic Cardiomyopathy. Biomacromolecules, 2014, 15, 1-11.	2.6	41
13	Mesenchymal stem cells for treatment of aortic aneurysms. World Journal of Stem Cells, 2014, 6, 278.	1.3	27
14	The effect of polymer degradation time on functional outcomes of temporary elastic patch support in ischemic cardiomyopathy. Biomaterials, 2013, 34, 7353-7363.	5.7	51
15	Biodegradable elastic patch plasty ameliorates left ventricular adverse remodeling after ischemiaâ€“reperfusion injury: A preclinical study of a porous polyurethane material in a porcine model. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, 391-399.e1.	0.4	43
16	Urinary bladder matrix promotes site appropriate tissue formation following right ventricle outflow tract repair. Organogenesis, 2013, 9, 149-160.	0.4	31
17	An Elastomeric Patch Electrospun from a Blended Solution of Dermal Extracellular Matrix and Biodegradable Polyurethane for Rat Abdominal Wall Repair. Tissue Engineering - Part C: Methods, 2012, 18, 122-132.	1.1	51
18	Right Ventricular Outflow Tract Repair with a Cardiac Biologic Scaffold. Cells Tissues Organs, 2012, 195, 159-170.	1.3	62

#	Article	IF	Citations
19	Placement of an Elastic Biodegradable Cardiac Patch on a Subacute Infarcted Heart Leads to Cellularization With Early Developmental Cardiomyocyte Characteristics. Journal of Cardiac Failure, 2012, 18, 585-595.	0.7	35
20	Mesenchymal stem cells attenuate angiotensin II-induced aortic aneurysm growth in apolipoprotein E-deficient mice. Journal of Vascular Surgery, 2011, 54, 1743-1752.	0.6	56
21	Intra-myocardial biomaterial injection therapy in the treatment of heart failure: Materials, outcomes and challenges. Acta Biomaterialia, 2011, 7, 1-15.	4.1	178
22	Mechanical properties and in vivo behavior of a biodegradable synthetic polymer microfiberâ€“extracellular matrix hydrogel biohybrid scaffold. Biomaterials, 2011, 32, 3387-3394.	5.7	188
23	Morphological and mechanical characteristics of the reconstructed rat abdominal wall following use of a wet electrospun biodegradable polyurethane elastomer scaffold. Biomaterials, 2010, 31, 3253-3265.	5.7	75
24	Tailoring the degradation kinetics of poly(ester carbonate urethane)urea thermoplastic elastomers for tissue engineering scaffolds. Biomaterials, 2010, 31, 4249-4258.	5.7	165
25	Synthesis, characterization and therapeutic efficacy of a biodegradable, thermoresponsive hydrogel designed for application in chronic infarcted myocardium. Biomaterials, 2009, 30, 4357-4368.	5.7	248
26	Naive Rat Amnion-Derived Cell Transplantation Improved Left Ventricular Function and Reduced Myocardial Scar of Postinfarcted Heart. Cell Transplantation, 2009, 18, 477-486.	1.2	48
27	Generating Elastic, Biodegradable Polyurethane/Poly(lactide-co-glycolide) Fibrous Sheets with Controlled Antibiotic Release via Two-Stream Electrospinning. Biomacromolecules, 2008, 9, 1200-1207.	2.6	107
28	Endoventricular Left Ventriculoplasty: Overlap Technique for Akinetic Scar. Asian Cardiovascular and Thoracic Annals, 2000, 8, 311-314.	0.2	0