

# Masao Miyake

## List of Publications by Year in descending order

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35  
papers

751  
citations

623734

14  
h-index

526287

27  
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35  
all docs

35  
docs citations

35  
times ranked

983  
citing authors

#	ARTICLE	IF	CITATIONS
1	A tissue-engineered trachea derived from a framed collagen scaffold, gingival fibroblasts and adipose-derived stem cells. <i>Biomaterials</i> , 2010, 31, 4855-4863.	11.4	107
2	Junctional Adhesion Molecule-1 Is Upregulated in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2007, 49, 1321-1327.	2.7	92
3	Effect of Fibroblasts on Tracheal Epithelial Regeneration <i>in vitro</i> . <i>Tissue Engineering</i> , 2006, 12, 2619-2628.	4.6	67
4	Deep-Sea Water Improves Cardiovascular Hemodynamics in Kurosawa and Kusanagi-Hypercholesterolemic (KHC) Rabbits. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 38-44.	1.4	66
5	Carrageenan delays cell cycle progression in human cancer cells <i>in vitro</i> demonstrated by Fucci imaging. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 270.	3.7	51
6	Tissue Engineering for Regeneration of the Tracheal Epithelium. <i>Annals of Otolaryngology and Rhinology</i> , 2006, 115, 501-506.	1.1	34
7	Potential of Heterotopic Fibroblasts as Autologous Transplanted Cells for Tracheal Epithelial Regeneration. <i>Tissue Engineering</i> , 2007, 13, 2175-2184.	4.6	34
8	Povidone-iodine-induced cell death in cultured human epithelial HeLa cells and rat oral mucosal tissue. <i>Drug and Chemical Toxicology</i> , 2014, 37, 268-275.	2.3	34
9	Evaluation of the Use of Induced Pluripotent Stem Cells (iPSCs) for the Regeneration of Tracheal Cartilage. <i>Cell Transplantation</i> , 2013, 22, 341-353.	2.5	33
10	Bioengineered Trachea with Fibroblasts in a Rabbit Model. <i>Annals of Otolaryngology and Rhinology</i> , 2009, 118, 796-804.	1.1	28
11	Safflower seed polyphenols (N-(p-coumaroyl)serotonin and N-feruloylserotonin) ameliorate atherosclerosis and distensibility of the aortic wall in Kurosawa and Kusanagi-hypercholesterolemic (KHC) rabbits. <i>Hypertension Research</i> , 2009, 32, 944-949.	2.7	28
12	UVA Photoprotective Activity of Brown Macroalgae <i>Sargassum cristafolium</i> . <i>Biomedicines</i> , 2019, 7, 77.	3.2	22
13	Potential of Induced Pluripotent Stem Cells for the Regeneration of the Tracheal Wall. <i>Annals of Otolaryngology and Rhinology</i> , 2010, 119, 697-703.	1.1	21
14	An assessment of radiation doses at an educational institution 57.8 km away from the Fukushima Daiichi nuclear power plant 1 month after the nuclear accident. <i>Environmental Health and Preventive Medicine</i> , 2012, 17, 124-130.	3.4	16
15	Spaceflight alters the fiber composition of the aortic nerve in the developing rat. <i>Neuroscience</i> , 2004, 128, 819-829.	2.3	14
16	Effects of spaceflight on postnatal development of arterial baroreceptor reflex in rats. <i>Acta Physiologica Scandinavica</i> , 2005, 184, 17-26.	2.2	13
17	Local pulse wave velocity directly reflects increased arterial stiffness in a restricted aortic region with progression of atherosclerotic lesions. <i>Hypertension Research</i> , 2014, 37, 892-900.	2.7	12
18	Bioengineered Trachea with Fibroblasts in a Rabbit Model. <i>Annals of Otolaryngology and Rhinology</i> , 2010, 119, 796-804.	1.1	10

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19	Mild hypertension in young Kurosawa and Kusanagi-hypercholesterolaemic (KHC) rabbits. <i>Physiological Measurement</i> , 2006, 27, 1361-1371.	2.1	9
20	Differences in Rates of Decrease of Environmental Radiation Dose Rates by Ground Surface Property in Fukushima City After the Fukushima Daiichi Nuclear Power Plant Accident. <i>Health Physics</i> , 2013, 104, 102-107.	0.5	8
21	Potential for Respiratory Epithelium Regeneration from Induced Pluripotent Stem Cells. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2013, 122, 25-32.	1.1	7
22	The effect of topical amiloride eye drops on tear quantity in rabbits. <i>Molecular Vision</i> , 2010, 16, 2279-85.	1.1	7
23	Effects of Space Flight on the Histological Characteristics of the Aortic Depressor Nerve in the Adult Rat: Electron Microscopic Analysis. <i>Uchu Seibutsu Kagaku</i> , 2004, 18, 45-51.	0.3	6
24	Effective embryoid body formation from induced pluripotent stem cells for regeneration of respiratory epithelium. <i>Laryngoscope</i> , 2014, 124, E8-E14.	2.0	6
25	Functional characterization of various channel-expressing central airway epithelial cells from mouse induced pluripotent stem cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 15951-15962.	4.1	6
26	Does the Augmentation Index of Pulse Waves Truly Increase With Progression of Atherosclerosis? An Experimental Study With Hypercholesterolemic Rabbits. <i>American Journal of Hypertension</i> , 2013, 26, 311-317.	2.0	5
27	Reducing radiation exposure using commonly available objects. <i>Environmental Health and Preventive Medicine</i> , 2013, 18, 261-266.	3.4	3
28	Regeneration of tracheal epithelium using mouse induced pluripotent stem cells. <i>Acta Oto-Laryngologica</i> , 2016, 136, 373-378.	0.9	3
29	Improved Islet Yield and Function by Use of a Chloride Channel Blocker During Collagenase Digestion. <i>Transplantation</i> , 2011, 92, 871-877.	1.0	2
30	Cl <sup>-</sup> channels regulate lipid droplet formation via Rab8a expression during adipocyte differentiation. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 247-255.	1.3	2
31	Bio-engineered scaffold with fibroblasts for tracheal regeneration in a rabbit model. <i>Inflammation and Regeneration</i> , 2010, 30, 34-39.	3.7	2
32	Effectiveness of Methanol Solvent Extraction for Red Macroalgae <i>Acanthophora spicifera</i> Antitumor Activity. <i>Pharmacognosy Journal</i> , 2019, 11, 450-454.	0.8	2
33	Spaceflight Affects Postnatal Development of the Aortic Wall in Rats. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	1
34	The Cytotoxic Effects of Geranylgeranylacetone Are Attenuated in the High-Glucose Condition. <i>BioResearch Open Access</i> , 2019, 8, 162-168.	2.6	0
35	Comparison of two necrotic mechanisms caused by the membrane permeability increase and by the UV irradiation. <i>FASEB Journal</i> , 2007, 21, A449.	0.5	0