Keiko Naruse

List of Publications by Year
in descending order

53 papers	1,865 citations	257450 24 h-index	265206 42 g-index
55 all docs	55 docs citations	55 times ranked	2755 citing authors

#	Article	IF	Citations
1	Activation of Vascular Protein Kinase C-Â Inhibits Akt-Dependent Endothelial Nitric Oxide Synthase Function in Obesity-Associated Insulin Resistance. Diabetes, 2006, 55, 691-698.	0.6	177
2	Transplantation of Bone Marrowâ€“Derived Mesenchymal Stem Cells Improves Diabetic Polyneuropathy in Rats. Diabetes, 2008, 57, 3099-3107.	0.6	169
3	Therapeutic Neovascularization Using Cord Blood-Derived Endothelial Progenitor Cells for Diabetic Neuropathy. Diabetes, 2005, 54, 1823-1828.	0.6	118
4	Beneficial Effects of Exendin-4 on Experimental Polyneuropathy in Diabetic Mice. Diabetes, 2011, 60, 2397-2406.	0.6	89
5	Protein Kinase C and Myocardial Biology and Function. Circulation Research, 2000, 86, 1104-1106.	4.5	80
6	Epigenome-wide association of myocardial infarction with DNA methylation sites at loci related to cardiovascular disease. Clinical Epigenetics, 2017, 9, 54.	4.1	77
7	Transplantation of dental pulp stem cells suppressed inflammation in sciatic nerves by promoting macrophage polarization towards antiâ€inflammation phenotypes and ameliorated diabetic polyneuropathy. Journal of Diabetes Investigation, 2016, 7, 485-496.	2.4	70
8	Effects of Basic Fibroblast Growth Factor on Experimental Diabetic Neuropathy in Rats. Diabetes, 2006, 55, 1470-1477.	0.6	66
9	Reduced NGF secretion by Schwann cells under the high glucose condition decreases neurite outgrowth of DRG neurons. Experimental Neurology, 2008, 213, 381-387.	4.1	66
10	Transplantation of Bone Marrow-Derived Mononuclear Cells Improves Mechanical Hyperalgesia, Cold Allodynia and Nerve Function in Diabetic Neuropathy. PLoS ONE, 2011, 6, e27458.	2.5	64
11	Mesenchymal stem cells ameliorate impaired wound healing through enhancing keratinocyte functions in diabetic foot ulcerations on the plantar skin of rats. Journal of Diabetes and Its Complications, 2014, 28, 588-595.	2.3	60
12	Periodontitis-activated monocytes/macrophages cause aortic inflammation. Scientific Reports, 2015, 4, 5171.	3.3	53
13	Transplantation of Neural Crest-Like Cells Derived from Induced Pluripotent Stem Cells Improves Diabetic Polyneuropathy in Mice. Cell Transplantation, 2013, 22, 1767-1783.	2.5	52
14	Chemerin promotes angiogenesis inÂvivo. Physiological Reports, 2018, 6, e13962.	1.7	49
15	Adiponectin promotes migration activities of endothelial progenitor cells via Cdc42/Rac1. FEBS Letters, 2009, 583, 2457-2463.	2.8	47
16	<sup />Efficacy of a Self-Assembling Peptide Hydrogel, SPG-178-Gel, for Bone Regeneration and Three-Dimensional Osteogenic Induction of Dental Pulp Stem Cells. Tissue Engineering - Part A, 2017, 23, 1394-1402.	3.1	47
17	Mechanical Stretch Increases the Proliferation While Inhibiting the Osteogenic Differentiation in Dental Pulp Stem Cells. Tissue Engineering - Part A, 2013, 19, 625-633.	3.1	42
18	Involvement of nitrosative stress in experimental periodontitis in diabetic rats. Journal of Clinical Periodontology, 2012, 39, 342-349.	4.9	40

#	Article	IF	Citations
19	Transplantation of cultured dental pulp stem cells into the skeletal muscles ameliorated diabetic polyneuropathy: therapeutic plausibility of freshly isolated and cryopreserved dental pulp stem cells. Stem Cell Research and Therapy, 2015, 6, 162.	5.5	40
20	Schwann Cells as Crucial Players in Diabetic Neuropathy. Advances in Experimental Medicine and Biology, 2019, 1190, 345-356.	1.6	40
21	Transplantation of dental pulp stem cells improves long-term diabetic polyneuropathy together with improvement of nerve morphometrical evaluation. Stem Cell Research and Therapy, 2017, 8, 279.	5.5	39
22	Mesenchymal Stem Cell-Like Cells Derived from Mouse Induced Pluripotent Stem Cells Ameliorate Diabetic Polyneuropathy in Mice. BioMed Research International, 2013, 2013, 1-12.	1.9	34
23	Conditioned media from dental pulp stem cells improved diabetic polyneuropathy through antiâ€inflammatory, neuroprotective and angiogenic actions: Cellâ€free regenerative medicine for diabetic polyneuropathy. Journal of Diabetes Investigation, 2019, 10, 1199-1208.	2.4	33
24	Efficacy of extracellular vesicles from dental pulp stem cells for bone regeneration in rat calvarial bone defects. Inflammation and Regeneration, 2021, 41, 12.	3.7	29
25	Polyol pathway and protein kinase C activity of rat Schwannoma cells. Diabetes/Metabolism Research and Reviews, 2003, 19, 131-139.	4.0	26
26	Antiâ€inflammatory role of glucoseâ€dependent insulinotropic polypeptide in periodontitis. Journal of Diabetes Investigation, 2016, 7, 497-505.	2.4	21
27	High glucose impairs the proliferation and increases the apoptosis of endothelial progenitor cells by suppression of Akt. Journal of Diabetes Investigation, 2011, 2, 262-270.	2.4	19
28	Glucagon-Like Peptide-1 Receptor Agonist Protects Dorsal Root Ganglion Neurons against Oxidative Insult. Journal of Diabetes Research, 2019, 2019, 1-10.	2.3	19
29	Therapeutic efficacy of bone marrowâ€derived mononuclear cells in diabetic polyneuropathy is impaired with aging or diabetes. Journal of Diabetes Investigation, 2015, 6, 140-149.	2.4	17
30	Effect of Intravenous Nicorandil and Preexisting Angina Pectoris on Short- and Long-Term Outcomes in Patients With a First ST-Segment Elevation Acute Myocardial Infarction. American Journal of Cardiology, 2007, 99, 1203-1207.	1.6	16
31	Secreted factors from cultured dental pulp stem cells promoted neurite outgrowth of dorsal root ganglion neurons and ameliorated neural functions in streptozotocinâ€induced diabetic mice. Journal of Diabetes Investigation, 2020, 11, 28-38.	2.4	16
32	Epigenome-wide association study suggests that SNPs in the promoter region of RETN influence plasma resistin level via effects on DNA methylation at neighbouring sites. Diabetologia, 2015, 58, 2781-2790.	6.3	13
33	Secreted Factors from Stem Cells of Human Exfoliated Deciduous Teeth Directly Activate Endothelial Cells to Promote All Processes of Angiogenesis. Cells, 2020, 9, 2385.	4.1	13
34	Direct Comparison of Therapeutic Effects on Diabetic Polyneuropathy between Transplantation of Dental Pulp Stem Cells and Administration of Dental Pulp Stem Cell-Secreted Factors. International Journal of Molecular Sciences, 2020, 21, 6064.	4.1	12
35	Angioblast Derived from ES Cells Construct Blood Vessels and Ameliorate Diabetic Polyneuropathy in Mice. Journal of Diabetes Research, 2015, 2015, 1-17.	2.3	11
36	Transplantation of human dental pulp stem cells ameliorates diabetic polyneuropathy in streptozotocin-induced diabetic nude mice: the role of angiogenic and neurotrophic factors. Stem Cell Research and Therapy, 2020, 11, 236.	5.5	11

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37	Î²-Aminoisobutyric acid, L-BAIBA, protects PC12 cells from hydrogen peroxide-induced oxidative stress and apoptosis via activation of the AMPK and PI3K/Akt pathway. IBRO Neuroscience Reports, 2022, 12, 65-72.	1.6	11
38	Suppression of 3-deoxyglucosone and heparin-binding epidermal growth factor-like growth factor mRNA expression by an aldose reductase inhibitor in rat vascular smooth muscle cells. Biochemical and Biophysical Research Communications, 2004, 314, 370-376.	2.1	9
39	Glucagon-Like Peptide-1 Receptor Agonist Liraglutide Ameliorates the Development of Periodontitis. Journal of Diabetes Research, 2020, 2020, 1-9.	2.3	9
40	Sustainable Effects of Human Dental Pulp Stem Cell Transplantation on Diabetic Polyneuropathy in Streptozotocine-Induced Type 1 Diabetes Model Mice. Cells, 2021, 10, 2473.	4.1	9
41	Therapeutic potential for insulin on typeÂ1 diabetesâ€associated periodontitis: Analysis of experimental periodontitis in streptozotocinâ€induced diabetic rats. Journal of Diabetes Investigation, 2020, 11, 1482-1489.	2.4	8
42	Ranirestat Improved Nerve Conduction Velocities, Sensory Perception, and Intraepidermal Nerve Fiber Density in Rats with Overt Diabetic Polyneuropathy. Journal of Diabetes Research, 2019, 2019, 1-7.	2.3	6
43	Deficiency of glucagon gene-derived peptides induces peripheral polyneuropathy in mice. Biochemical and Biophysical Research Communications, 2020, 532, 47-53.	2.1	6
44	A large-scale observational study to investigate the current status of diabetic complications and their prevention in Japan (JDCP study 6): baseline dental and oral findings. Diabetology International, 2021, 12, 52-61.	1.4	6
45	Kir6.2-deficient mice develop somatosensory dysfunction and axonal loss in the peripheral nerves. IScience, 2022, 25, 103609.	4.1	6
46	Role of poly(<scp>ADP</scp>â€ribose) polymerase activation in the pathogenesis of periodontitis in diabetes. Journal of Clinical Periodontology, 2017, 44, 971-980.	4.9	5
47	Does glycemic control rescue typeÂ2 diabetes patients from COVIDâ€19â€related deaths?. Journal of Diabetes Investigation, 2020, 11, 792-794.	2.4	4
48	The Effects of Insulin on Immortalized Rat Schwann Cells, IFRS1. International Journal of Molecular Sciences, 2021, 22, 5505.	4.1	4
49	Case Report: Non-episodic Angioedema With Eosinophilia in a Young Lactating Woman. Frontiers in Immunology, 2021, 12, 627360.	4.8	3
50	Diabetes and periodontal disease: What should we learn next?. Journal of Diabetes Investigation, 2014, 5, 249-250.	2.4	2
51	Trained immunity: A key player of â€œmetabolic memoryâ€in diabetes. Journal of Diabetes Investigation, 2022, 13, 608-610.	2.4	1
52	Nerve growth factor: Does this have the potential to become a miraculous treatment for diabetic heart?. Journal of Diabetes Investigation, 2012, 3, 233-234.	2.4	0
53	The work style and living condition survey of diabetologists and the expectations for the Japan Diabetes Society: results of questionnaires about the current state and the future prospect of their carrier in 2017. Diabetology International, 2020, 11, 299-308.	1.4	0