

Mari Dezawa

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

3,204
citations

218677

26
h-index

214800

47
g-index

49
all docs

49
docs citations

49
times ranked

2597
citing authors

#	ARTICLE	IF	CITATIONS
1	Sciatic nerve regeneration in rats induced by transplantation of <i>in vitro</i> differentiated bone marrow stromal cells. <i>European Journal of Neuroscience</i> , 2001, 14, 1771-1776.	2.6	463
2	Unique multipotent cells in adult human mesenchymal cell populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8639-8643.	7.1	428
3	Multilineage-differentiating stress-enduring (Muse) cells are a primary source of induced pluripotent stem cells in human fibroblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9875-9880.	7.1	253
4	Isolation, culture and evaluation of multilineage-differentiating stress-enduring (Muse) cells. <i>Nature Protocols</i> , 2013, 8, 1391-1415.	12.0	158
5	Peripheral nerve regeneration by the <i>in vitro</i> differentiated-human bone marrow stromal cells with Schwann cell property. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 915-920.	2.1	133
6	Human Adipose Tissue Possesses a Unique Population of Pluripotent Stem Cells with Nontumorigenic and Low Telomerase Activities: Potential Implications in Regenerative Medicine. <i>Stem Cells and Development</i> , 2014, 23, 717-728.	2.1	128
7	Transplantation of Bone Marrow Stromal Cell-Derived Schwann Cells Promotes Axonal Regeneration and Functional Recovery after Complete Transection of Adult Rat Spinal Cord. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2005, 64, 37-45.	1.7	117
8	Long-term observation of auto-cell transplantation in non-human primate reveals safety and efficiency of bone marrow stromal cell-derived Schwann cells in peripheral nerve regeneration. <i>Experimental Neurology</i> , 2010, 223, 537-547.	4.1	107
9	S1P ¹ -S1PR2 Axis Mediates Homing of Muse Cells Into Damaged Heart for Long-Lasting Tissue Repair and Functional Recovery After Acute Myocardial Infarction. <i>Circulation Research</i> , 2018, 122, 1069-1083.	4.5	104
10	Human Umbilical Cord-Derived Mesenchymal Stromal Cells Differentiate Into Functional Schwann Cells That Sustain Peripheral Nerve Regeneration. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2010, 69, 973-985.	1.7	100
11	Muse Cells Provide the Pluripotency of Mesenchymal Stem Cells: Direct Contribution of Muse Cells to Tissue Regeneration. <i>Cell Transplantation</i> , 2016, 25, 849-861.	2.5	90
12	Transplantation of Unique Subpopulation of Fibroblasts, Muse Cells, Ameliorates Experimental Stroke Possibly via Robust Neuronal Differentiation. <i>Stem Cells</i> , 2016, 34, 160-173.	3.2	88
13	Human Muse Cells Reconstruct Neuronal Circuitry in Subacute Lacunar Stroke Model. <i>Stroke</i> , 2017, 48, 428-435.	2.0	84
14	Bone Marrow Mesenchymal Cells: How Do They Contribute to Tissue Repair and Are They Really Stem Cells?. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2011, 59, 369-378.	2.3	82
15	Human Muse Cells, Nontumorigenic Pluripotent-Like Stem Cells, Have Liver Regeneration Capacity through Specific Homing and Cell Replacement in a Mouse Model of Liver Fibrosis. <i>Cell Transplantation</i> , 2017, 26, 821-840.	2.5	69
16	Beneficial Effects of Systemically Administered Human Muse Cells in Adriamycin Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2946-2960.	6.1	67
17	Functional Melanocytes Are Readily Reprogrammable from Multilineage-Differentiating Stress-Enduring (Muse) Cells, Distinct Stem Cells in Human Fibroblasts. <i>Journal of Investigative Dermatology</i> , 2013, 133, 2425-2435.	0.7	60
18	Therapeutic Effects of Human Multilineage-Differentiating Stress Enduring (MUSE) Cell Transplantation into Infarct Brain of Mice. <i>PLoS ONE</i> , 2015, 10, e0116009.	2.5	57

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19	The secretome of MUSE cells contains factors that may play a role in regulation of stemness, apoptosis and immunomodulation. <i>Cell Cycle</i> , 2017, 16, 33-44.	2.6	55
20	Mesenchymal Stem Cells and Their Subpopulation, Pluripotent Muse Cells, in Basic Research and Regenerative Medicine. <i>Anatomical Record</i> , 2014, 297, 98-110.	1.4	46
21	Mobilized Muse Cells After Acute Myocardial Infarction Predict Cardiac Function and Remodeling in the Chronic Phase. <i>Circulation Journal</i> , 2018, 82, 561-571.	1.6	43
22	Comparison of ASCs and BMSCs combined with atelocollagen for vocal fold scar regeneration. <i>Laryngoscope</i> , 2016, 126, 1143-1150.	2.0	35
23	Intravenously Transplanted Human Multilineage-Differentiating Stress-Enduring Cells Afford Brain Repair in a Mouse Lacunar Stroke Model. <i>Stroke</i> , 2020, 51, 601-611.	2.0	31
24	Neuro-regeneration therapy using human Muse cells is highly effective in a mouse intracerebral hemorrhage model. <i>Experimental Brain Research</i> , 2017, 235, 565-572.	1.5	30
25	Intravenously injected human multilineage-differentiating stress-enduring cells selectively engraft into mouse aortic aneurysms and attenuate dilatation by differentiating into multiple cell types. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 2301-2313.e4.	0.8	29
26	Human Multilineage-differentiating Stress-Enduring Cells Exert Pleiotropic Effects to Ameliorate Acute Lung Ischemiaâ€“Reperfusion Injury in a Rat Model. <i>Cell Transplantation</i> , 2018, 27, 979-993.	2.5	29
27	Muse Cells Are Endogenous Reparative Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1103, 43-68.	1.6	26
28	Therapeutic benefit of Muse cells in a mouse model of amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2020, 10, 17102.	3.3	24
29	Intravenously delivered multilineage-differentiating stress enduring cells dampen excessive glutamate metabolism and microglial activation in experimental perinatal hypoxic ischemic encephalopathy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1707-1720.	4.3	24
30	Immunohistochemical localization of cell adhesion molecules and cell-cell contact proteins during regeneration of the rat optic nerve induced by sciatic nerve autotransplantation. , 1996, 246, 114-126.		22
31	Cardiotrophic Growth Factorâ€“Driven Induction of Human Muse Cells Into Cardiomyocyte-Like Phenotype. <i>Cell Transplantation</i> , 2018, 27, 285-298.	2.5	20
32	Quantitative Analysis of SSEA3+ Cells from Human Umbilical Cord after Magnetic Sorting. <i>Cell Transplantation</i> , 2019, 28, 907-923.	2.5	20
33	A Novel Type of Stem Cells Double-Positive for SSEA-3 and CD45 in Human Peripheral Blood. <i>Cell Transplantation</i> , 2020, 29, 096368972092357.	2.5	19
34	Normal Human Fibroblasts Immortalized by Introduction of Human Papillomavirus Type 16 (HPVâ€“16) E6â€“E7 Genes. <i>Microbiology and Immunology</i> , 1997, 41, 313-319.	1.4	18
35	Direct conversion of adult human skin fibroblasts into functional Schwann cells that achieve robust recovery of the severed peripheral nerve in rats. <i>Glia</i> , 2019, 67, 950-966.	4.9	18
36	Distribution of actin-filament bundles in myoid cells, Sertoli cells, and tunica albuginea of rat and mouse testes. <i>Cell and Tissue Research</i> , 1991, 266, 295-300.	2.9	15

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37	Clinical Trials of Muse Cells. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1103, 305-307.	1.6	15
38	Therapeutic Potential of Multilineage-Differentiating Stress-Enduring Cells for Osteochondral Repair in a Rat Model. <i>Stem Cells International</i> , 2017, 2017, 1-8.	2.5	13
39	Rescue from Stx2-Producing E.Âcoli-Associated Encephalopathy by Intravenous Injection of Muse Cells in NOD-SCID Mice. <i>Molecular Therapy</i> , 2020, 28, 100-118.	8.2	13
40	Intravenous Injection of Muse Cells as a Potential Therapeutic Approach for Epidermolysis Bullosa. <i>Journal of Investigative Dermatology</i> , 2021, 141, 198-202.e6.	0.7	13
41	Induction system of neural and muscle lineage cells from bone marrow stromal cells; a new strategy for tissue reconstruction in degenerative diseases. <i>Histology and Histopathology</i> , 2009, 24, 631-42.	0.7	12
42	Protection of liver sinusoids by intravenous administration of human Muse cells in a rat extra-small partial liver transplantation model. <i>American Journal of Transplantation</i> , 2021, 21, 2025-2039.	4.7	11
43	The evaluation of the safety and efficacy of intravenously administered allogeneic multilineage-differentiating stress-enduring cells in a swine hepatectomy model. <i>Surgery Today</i> , 2021, 51, 634-650.	1.5	10
44	Non-Tumorigenic Pluripotent Reparative Muse Cells Provide a New Therapeutic Approach for Neurologic Diseases. <i>Cells</i> , 2021, 10, 961.	4.1	10
45	Intravenous injection of human multilineage-differentiating stress-enduring cells alleviates mouse severe acute pancreatitis without immunosuppressants. <i>Surgery Today</i> , 2022, 52, 603-615.	1.5	6
46	Effects of human Muse cells on bladder inflammation, overactivity, and nociception in a chemically induced Hunner-type interstitial cystitis-like rat model. <i>International Urogynecology Journal</i> , 2022, 33, 1293-1301.	1.4	5
47	Muse cells as a robust source of induced pluripotent stem cells. , 2021, , 137-161.		2
48	Immunohistochemical localization of cell adhesion molecules and cellâ€cell contact proteins during regeneration of the rat optic nerve induced by sciatic nerve autotransplantation. <i>The Anatomical Record</i> , 1996, 246, 114-126.	1.8	1