

Hideharu Hibi

List of Publications by Year in descending order

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71
papers

2,910
citations

201385

27
h-index

168136

53
g-index

71
all docs

71
docs citations

71
times ranked

3487
citing authors

#	ARTICLE	IF	CITATIONS
1	Human dental pulp-derived stem cells promote locomotor recovery after complete transection of the rat spinal cord by multiple neuro-regenerative mechanisms. <i>Journal of Clinical Investigation</i> , 2012, 122, 80-90.	3.9	396
2	Conditioned Media from Mesenchymal Stem Cells Enhanced Bone Regeneration in Rat Calvarial Bone Defects. <i>Tissue Engineering - Part A</i> , 2012, 18, 1479-1489.	1.6	304
3	Translational Research for Injectable Tissue-Engineered Bone Regeneration Using Mesenchymal Stem Cells and Platelet-Rich Plasma: From Basic Research to Clinical Case Study. <i>Cell Transplantation</i> , 2004, 13, 343-356.	1.2	136
4	Conditioned medium from the stem cells of human dental pulp improves cognitive function in a mouse model of Alzheimer's disease. <i>Behavioural Brain Research</i> , 2015, 293, 189-197.	1.2	127
5	Stem cell-conditioned medium accelerates distraction osteogenesis through multiple regenerative mechanisms. <i>Bone</i> , 2014, 61, 82-90.	1.4	121
6	Injectable Tissue-Engineered Bone Using Autogenous Bone Marrow-Derived Stromal Cells for Maxillary Sinus Augmentation: Clinical Application Report from a 2-6-Year Follow-Up. <i>Tissue Engineering - Part A</i> , 2008, 14, 1699-1707.	1.6	109
7	Secretomes from bone marrow-derived mesenchymal stromal cells enhance periodontal tissue regeneration. <i>Cytotherapy</i> , 2015, 17, 369-381.	0.3	108
8	Novel application of stem cell-derived factors for periodontal regeneration. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 763-768.	1.0	95
9	First-in-human study and clinical case reports of the alveolar bone regeneration with the secretome from human mesenchymal stem cells. <i>Head & Face Medicine</i> , 2016, 12, 5.	0.8	91
10	Dental pulp-derived stem cell conditioned medium reduces cardiac injury following ischemia-reperfusion. <i>Scientific Reports</i> , 2015, 5, 16295.	1.6	87
11	Conditioned Medium from the Stem Cells of Human Exfoliated Deciduous Teeth Ameliorates Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2016, 196, 4164-4171.	0.4	82
12	Mesenchymal stromal cells of human umbilical cord Wharton's jelly accelerate wound healing by paracrine mechanisms. <i>Cytotherapy</i> , 2012, 14, 1171-1181.	0.3	80
13	Peripheral Nerve Regeneration by Secretomes of Stem Cells from Human Exfoliated Deciduous Teeth. <i>Stem Cells and Development</i> , 2015, 24, 2687-2699.	1.1	76
14	Factors secreted from dental pulp stem cells show multifaceted benefits for treating experimental rheumatoid arthritis. <i>Bone</i> , 2016, 83, 210-219.	1.4	76
15	Evaluation of the therapeutic effects of conditioned media from mesenchymal stem cells in a rat bisphosphonate-related osteonecrosis of the jaw-like model. <i>Bone</i> , 2015, 74, 95-105.	1.4	72
16	Stromal cell-derived factor-1 enhances distraction osteogenesis-mediated skeletal tissue regeneration through the recruitment of endothelial precursors. <i>Bone</i> , 2011, 49, 693-700.	1.4	69
17	Injectable Bone Applied for Ridge Augmentation and Dental Implant Placement: Human Progress Study. <i>Implant Dentistry</i> , 2008, 17, 82-90.	1.7	68
18	Clinical Study of Bone Regeneration by Conditioned Medium From Mesenchymal Stem Cells After Maxillary Sinus Floor Elevation. <i>Implant Dentistry</i> , 2017, 26, 607-612.	1.7	68

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19	Multifaceted Therapeutic Benefits of Factors Derived From Dental Pulp Stem Cells for Mouse Liver Fibrosis. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1416-1424.	1.6	53
20	Mandibular lengthening by distraction osteogenesis using osseointegrated implants and an intraoral device: A preliminary report. <i>Journal of Oral and Maxillofacial Surgery</i> , 1996, 54, 594-600.	0.5	44
21	Conditioned media from hypoxic-cultured human dental pulp cells promotes bone healing during distraction osteogenesis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2116-2126.	1.3	42
22	Secreted factors from dental pulp stem cells improve glucose intolerance in streptozotocin-induced diabetic mice by increasing pancreatic β -cell function. <i>BMJ Open Diabetes Research and Care</i> , 2015, 3, e000128.	1.2	39
23	Secreted Ectodomain of Sialic Acid-Binding Ig-Like Lectin-9 and Monocyte Chemoattractant Protein-1 Synergistically Regenerate Transected Rat Peripheral Nerves by Altering Macrophage Polarity. <i>Stem Cells</i> , 2017, 35, 641-653.	1.4	38
24	Osteogenic Induction of Bone Marrow-Derived Stromal Cells on Simvastatin-Releasing, Biodegradable, Nano- to Microscale Fiber Scaffolds. <i>Annals of Biomedical Engineering</i> , 2011, 39, 1872-1881.	1.3	31
25	A new application of cell-free bone regeneration: immobilizing stem cells from human exfoliated deciduous teeth-conditioned medium onto titanium implants using atmospheric pressure plasma treatment. <i>Stem Cell Research and Therapy</i> , 2015, 6, 124.	2.4	30
26	A defined mix of cytokines mimics conditioned medium from cultures of bone marrow-derived mesenchymal stem cells and elicits bone regeneration. <i>Cell Proliferation</i> , 2017, 50, .	2.4	30
27	Conditioned Medium From Mesenchymal Stem Cells Enhances Early Bone Regeneration After Maxillary Sinus Floor Elevation in Rabbits. <i>Implant Dentistry</i> , 2015, 24, 657-663.	1.7	29
28	Secreted Ectodomain of SIGLEC-9 and MCP-1 Synergistically Improve Acute Liver Failure in Rats by Altering Macrophage Polarity. <i>Scientific Reports</i> , 2017, 7, 44043.	1.6	28
29	Magnetic force-based mesenchymal stem cell expansion using antibody-conjugated magnetoliposomes. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2005, 75B, 320-327.	1.6	27
30	Secretomes from mesenchymal stem cells participate in the regulation of osteoclastogenesis in vitro. <i>Clinical Oral Investigations</i> , 2017, 21, 1979-1988.	1.4	26
31	Dental pulp-derived stem cell conditioned medium to regenerate peripheral nerves in a novel animal model of dysphagia. <i>PLoS ONE</i> , 2018, 13, e0208938.	1.1	26
32	Effects of Self-Assembling Peptide Hydrogel Scaffold on Bone Regeneration with Recombinant Human Bone Morphogenetic Protein-2. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, e283-e289.	0.6	25
33	Kaempferol-immobilized titanium dioxide promotes formation of new bone: effects of loading methods on bone marrow stromal cell differentiation in vivo and in vitro. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1665-1676.	3.3	24
34	New internal transport distraction device for reconstructing segmental defects of the mandible. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2006, 44, 382-385.	0.4	23
35	Periodontal tissue regeneration using the cytokine cocktail mimicking secretomes in the conditioned media from human mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 484, 100-106.	1.0	22
36	Promoted New Bone Formation in Maxillary Distraction Osteogenesis Using a Tissue-Engineered Osteogenic Material. <i>Journal of Craniofacial Surgery</i> , 2008, 19, 80-87.	0.3	19

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37	An Experimental Study of Bone Healing Around the Titanium Screw Implants in Ovariectomized Rats: Enhancement of Bone Healing by Bone Marrow Stromal Cells Transplantation. <i>Implant Dentistry</i> , 2011, 20, 236-245.	1.7	13
38	An Experimental Study on Guided Bone Regeneration Using a Polylactide-co-glycolide Membraneâ€“Immobilized Conditioned Medium. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015, 30, 1175-1186.	0.6	13
39	Conditioned media from mesenchymal stromal cells and periodontal ligament fibroblasts under cyclic stretch stimulation promote bone healing in mouse calvarial defects. <i>Cytherapy</i> , 2020, 22, 543-551.	0.3	13
40	Lysyl hydroxylase 2-induced collagen cross-link switching promotes metastasis in head and neck squamous cell carcinomas. <i>Neoplasia</i> , 2021, 23, 594-606.	2.3	12
41	Orthodontic Anchorage System Using a Locking Plate and Self-Drilling Screws. <i>Journal of Oral and Maxillofacial Surgery</i> , 2006, 64, 1173-1175.	0.5	11
42	Rat Bone Marrow Stromal Cellâ€“Conditioned Medium Promotes Early Osseointegration of Titanium Implants. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, 1360-1369.	0.6	10
43	Effects of Implant Surface on Bone Healing Around Titanium Screw Implants in Ovariectomized Rats. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, e252-e259.	0.6	9
44	Cytokine Mixtures Mimicking Secretomes From Mesenchymal Stem Cells Improve Medicationâ€“Related Osteonecrosis of the Jaw in a Rat Model. <i>JBMR Plus</i> , 2018, 2, 69-80.	1.3	9
45	Dental pulp stem cell-derived small extracellular vesicle in irradiation-induced senescence. <i>Biochemical and Biophysical Research Communications</i> , 2021, 575, 28-35.	1.0	9
46	Stability of a Locking Plate and Self-Drilling Screws as Orthodontic Skeletal Anchorage in the Maxilla: A Retrospective Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010, 68, 1783-1787.	0.5	8
47	Supraperiosteal Transport Distraction Osteogenesis for Reconstructing a Segmental Defect of the Mandible. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, 742-746.	0.5	8
48	Secreted Frizzled-Related Protein Promotes Bone Regeneration by Human Bone Marrow-Derived Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 23250-23258.	1.8	8
49	Proteomic analysis of bone proteins adsorbed onto the surface of titanium dioxide. <i>Biochemistry and Biophysics Reports</i> , 2016, 7, 316-322.	0.7	8
50	Design of a Randomized Controlled Clinical Study of tissue-engineered osteogenic materials using bone marrow-derived mesenchymal cells for Maxillomandibular bone defects in Japan: the TEOM study protocol. <i>BMC Oral Health</i> , 2019, 19, 69.	0.8	8
51	Conditioned medium from stem cells derived from human exfoliated deciduous teeth ameliorates NASH via the Gut-Liver axis. <i>Scientific Reports</i> , 2021, 11, 18778.	1.6	8
52	Effects of the Permeability of Shields with Autologous Bone Grafts on Bone Augmentation. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, e386-e392.	0.6	7
53	Modified osteosynthesis for condylar neck fractures in atrophic mandibles. <i>International Journal of Oral and Maxillofacial Surgery</i> , 1997, 26, 348-350.	0.7	6
54	A technique for ensuring accurate bone cuts in the intraoral vertical ramus osteotomy. <i>Journal of Oral and Maxillofacial Surgery</i> , 1995, 53, 1480-1481.	0.5	5

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55	Occlusal restoration with surgical interventions—osteotomy, implant surgery, and tooth transplantation: A clinical report. <i>Journal of Prosthetic Dentistry</i> , 1997, 78, 236-240.	1.1	5
56	A Mouse Distraction Osteogenesis Model. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	4
57	Clinical review of bone regenerative medicine and maxillomandibular reconstruction. <i>Oral Science International</i> , 2016, 13, 15-19.	0.3	3
58	Monocyte chemoattractant protein-1 and secreted ectodomain of sialic acid-binding Ig-like lectin-9 enhance bone regeneration by inducing M2 macrophages. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2019, 31, 169-174.	0.2	2
59	Stromal cell-derived factor-1 accelerates bone regeneration through multiple regenerative mechanisms. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2019, 31, 245-250.	0.2	2
60	Peripheral Nerve in a Novel Rat Model of. <i>Methods in Molecular Biology</i> , 2020, 2155, 107-113.	0.4	2
61	Conditioned Medium From the Stem Cells of Human Exfoliated Deciduous Teeth Ameliorates Neuropathic Pain in a Partial Sciatic Nerve Ligation Model. <i>Frontiers in Pharmacology</i> , 2022, 13, 745020.	1.6	2
62	Regulation of the Wnt Signaling Pathways during Cell Culture of Human Mesenchymal Stem Cells for Efficient Bone Regeneration. <i>Oral Science International</i> , 2010, 7, 37-46.	0.3	1
63	Interfaces of Titanium Implants and a Vascularized Osteocutaneous Scapular Graft Revised With Distraction Osteogenesis. <i>Journal of Craniofacial Surgery</i> , 2012, 23, 1549-1550.	0.3	1
64	A case involving tooth extraction in a patient with acquired von Willebrand syndrome. <i>Nihon Koku Geka Gakkai Zasshi</i> , 2021, 67, 459-463.	0.0	1
65	Bone regeneration method using mesenchymal stem cells and PRP complexes in maxillary sinus lift. <i>Nihon Koku Geka Gakkai Zasshi</i> , 2004, 50, 559-566.	0.0	1
66	Titanium Implant in a Vascularised Scapular Bone Graft after a 6-year Loading Period. <i>Asian Journal of Oral and Maxillofacial Surgery</i> , 2008, 20, 148-151.	0.1	0
67	Orthodontic anchorage using a locking plate and self-drilling miniscrew implants for the posterior maxilla. , 2015, , 55-57.		0
68	A case of Maffucci syndrome with a buccal hemangioma harboring a mutation in IDH1. <i>Oral Oncology</i> , 2021, 122, 105553.	0.8	0
69	A patient undergoing secondary correction by distraction osteogenesis of the mandible reconstructed with a revascularized scapular osteocutaneous flap. <i>Nihon Koku Geka Gakkai Zasshi</i> , 2010, 56, 23-27.	0.0	0
70	Letter to the Editor. <i>Journal of Oral Implantology</i> , 2020, 46, 172-172.	0.4	0
71	Langerhans cell histiocytosis of single—system multifocal bone, including the mandible, in a 22—month—old child: A case report. <i>Oral Science International</i> , 0, , .	0.3	0