

Kenji Izumi

List of Publications by Year in descending order

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75
papers

1,409
citations

331259

21
h-index

344852

36
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76
all docs

76
docs citations

76
times ranked

1224
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Potential Markers for Lip Vermilion Epithelium in Japanese Macaques Based on the Results of Gene Expression Profile. , 2022, 1, 3-13.		2
2	Effect of pre-coating with methyl methacrylate containing UV photoinitiators on the bond strength of poly(ether ether ketone). Dental Materials Journal, 2021, 40, 519-524.	0.8	2
3	Metabolomic Alteration of Oral Keratinocytes and Fibroblasts in Hypoxia. Journal of Clinical Medicine, 2021, 10, 1156.	1.0	2
4	Identification and characterization of R2TP in the development of oral squamous cell carcinoma. Biochemical and Biophysical Research Communications, 2021, 548, 161-166.	1.0	4
5	Cells/colony motion of oral keratinocytes determined by non-invasive and quantitative measurement using optical flow predicts epithelial regenerative capacity. Scientific Reports, 2021, 11, 10403.	1.6	6
6	Fabrication of Micropatterned Fish Scale Collagen Scaffold Using Soft Lithography for Oral Mucosa Tissue Engineering. , 2021, , .		1
7	Perivascular Hedgehog responsive cells play a critical role in peripheral nerve regeneration via controlling angiogenesis. Neuroscience Research, 2021, 173, 62-70.	1.0	7
8	HEATR1, a novel interactor of Pontin/Reptin, stabilizes Pontin/Reptin and promotes cell proliferation of oral squamous cell carcinoma. Biochemical and Biophysical Research Communications, 2021, 557, 294-301.	1.0	7
9	The human vermilion surface contains a rich amount of cholesterol sulfate than the skin. Journal of Dermatological Science, 2021, 103, 143-150.	1.0	3
10	Isolation and Culture of Primary Oral Keratinocytes from the Adult Mouse Palate. Journal of Visualized Experiments, 2021, , .	0.2	0
11	Crosstalk between oral squamous cell carcinoma cells and cancer-associated fibroblasts via the TGF- β /SOX9 axis in cancer progression. Translational Oncology, 2021, 14, 101236.	1.7	20
12	Laminin Isoforms in Human Dental Pulp: Lymphatic Vessels Express Laminin-332, and Schwann Cell-associated Laminin-211 Modulates CD163 Expression of M2-like Macrophages. ImmunoHorizons, 2021, 5, 1008-1020.	0.8	3
13	M2 Phenotype Macrophages Colocalize with Schwann Cells in Human Dental Pulp. Journal of Dental Research, 2020, 99, 329-338.	2.5	21
14	Periodontal Ligament Cell Sheets and RGD-Modified Chitosan Improved Regeneration in the Horizontal Periodontal Defect Model. European Journal of Dentistry, 2020, 14, 306-314.	0.8	11
15	ROCK inhibitors enhance bone healing by promoting osteoclastic and osteoblastic differentiation. Biochemical and Biophysical Research Communications, 2020, 526, 547-552.	1.0	16
16	Distinct differences in hypoxic responses between human oral mucosa and skin fibroblasts in a 3D collagen matrix. In Vitro Cellular and Developmental Biology - Animal, 2020, 56, 452-479.	0.7	5
17	Biological reaction control using topography regulation of nanostructured titanium. Scientific Reports, 2020, 10, 2438.	1.6	8
18	Development of microstructured fish scale collagen scaffolds to manufacture a tissue-engineered oral mucosa equivalent. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 578-600.	1.9	24

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19	Higher Accumulation of Docosahexaenoic Acid in the Vermilion of the Human Lip than in the Skin. International Journal of Molecular Sciences, 2020, 21, 2807.	1.8	10
20	Rac1-dependent phagocytosis of apoptotic cells by oral squamous cell carcinoma cells: A possible driving force for tumor progression. Experimental Cell Research, 2020, 392, 112013.	1.2	11
21	Manufacturing micropatterned collagen scaffolds with chemical-crosslinking for development of biomimetic tissue-engineered oral mucosa. Scientific Reports, 2020, 10, 22192.	1.6	25
22	Evaluation of a Newly Designed Microperforated Titanium Membrane with Beta-Tricalcium Phosphate for Guided Bone Regeneration in Dog Mandibles. International Journal of Oral and Maxillofacial Implants, 2019, 34, 1132-1142.	0.6	7
23	Noninvasive measurement of cell/colony motion using image analysis methods to evaluate the proliferative capacity of oral keratinocytes as a tool for quality control in regenerative medicine. Journal of Tissue Engineering, 2019, 10, 204173141988152.	2.3	8
24	Evaluation of a Newly Designed Microperforated Pure Titanium Membrane for Guided Bone Regeneration. International Journal of Oral and Maxillofacial Implants, 2019, 34, 411-422.	0.6	17
25	Deformation Characteristics of Cultured Single Viable Cells by Squeezing Tests. Nihon Reorogi Gakkaishi, 2018, 46, 179-184.	0.2	0
26	Effects of C-xylopyranoside derivative on epithelial regeneration in an <i>in vitro</i> 3D oral mucosa model. Bioscience, Biotechnology and Biochemistry, 2016, 80, 1344-1355.	0.6	4
27	Cyclic mechanical pressure loading alters epithelial homeostasis in a three-dimensional <i>in vitro</i> oral mucosa model: clinical implications for denture wearers. Journal of Oral Rehabilitation, 2015, 42, 192-201.	1.3	6
28	Tissue Engineered Oral Mucosa. , 2015, , 721-731.		7
29	Hypoxia Induces an Undifferentiated Phenotype of Oral Keratinocytes <i>in vitro</i> . Cells Tissues Organs, 2014, 199, 393-404.	1.3	4
30	Zoledronic acid impairs re-epithelialization through down-regulation of integrin $\alpha 6$ and transforming growth factor beta signalling in a three-dimensional <i>in vitro</i> wound healing model. International Journal of Oral and Maxillofacial Surgery, 2014, 43, 373-380.	0.7	17
31	Enrichment of Oral Mucosa and Skin Keratinocyte Progenitor/Stem Cells. Methods in Molecular Biology, 2013, 989, 293-303.	0.4	5
32	Distinct expression patterns and roles of aldehyde dehydrogenases in normal oral mucosa keratinocytes: differential inhibitory effects of a pharmacological inhibitor and RNAi-mediated knockdown on cellular phenotype and epithelial morphology. Histochemistry and Cell Biology, 2013, 139, 847-862.	0.8	18
33	Intraoral Grafting of Tissue-Engineered Human Oral Mucosa. International Journal of Oral and Maxillofacial Implants, 2013, 28, e295-e303.	0.6	50
34	Tissue-Engineered Constructs of Human Oral Mucosa Examined by Raman Spectroscopy. Tissue Engineering - Part C: Methods, 2013, 19, 299-306.	1.1	30
35	Raman spectroscopic analysis of human tissue engineered oral mucosa constructs (EVPOME) perturbed by physical and biochemical methods. , 2012, , .		2
36	Zoledronic acid induces S-phase arrest via a DNA damage response in normal human oral keratinocytes. Archives of Oral Biology, 2012, 57, 906-917.	0.8	34

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37	Construction and characterization of a tissue-engineered oral mucosa equivalent based on a chitosan-fish scale collagen composite. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 1792-1802.	1.6	36
38	1219 Elongating and Collapsing process of single cells Squeezed. The Proceedings of Conference of Hokuriku-Shinetsu Branch, 2012, 2012.49, 121901-121902.	0.0	0
39	Detection of acid-sensing ion channel 3 (ASIC3) in periodontal Ruffini endings of mouse incisors. Neuroscience Letters, 2011, 488, 173-177.	1.0	30
40	Comparison of Scanning Acoustic Microscopy and Histology Images in Characterizing Surface Irregularities Among Engineered Human Oral Mucosal Tissues. Ultrasound in Medicine and Biology, 2011, 37, 1734-1742.	0.7	10
41	Raman spectroscopy monitoring of the cellular activities of a tissue-engineered <i>ex vivo</i> produced oral mucosal equivalent. Journal of Raman Spectroscopy, 2011, 42, 174-178.	1.2	20
42	Development of an in vitro model for radiation-induced effects on oral keratinocytes. International Journal of Oral and Maxillofacial Surgery, 2010, 39, 364-370.	0.7	28
43	1607 Experiments on Mechanical Strength of Single Cell in Liquids. The Proceedings of the Fluids Engineering Conference, 2010, 2010, 469-470.	0.0	0
44	High-resolution ultrasonic monitoring of cellular differentiation in an ex vivo produced oral mucosal equivalent (EVPOME). , 2009, , .		5
45	Pharmacological Retention of Oral Mucosa Progenitor/Stem Cells. Journal of Dental Research, 2009, 88, 1113-1118.	2.5	20
46	Constitutive Release of Cytokines by Human Oral Keratinocytes in an Organotypic Culture. Journal of Oral and Maxillofacial Surgery, 2009, 67, 1256-1264.	0.5	33
47	Isolation of small-sized human epidermal progenitor/stem cells by Gravity Assisted Cell Sorting (GACS). Journal of Dermatological Science, 2009, 56, 181-187.	1.0	17
48	Pharmacological Manipulation of an Oral Mucosa Progenitor/Stem Cell Population. Journal of Oral and Maxillofacial Surgery, 2008, 66, 54-55.	0.5	0
49	Sensing metabolic activity in tissue engineered constructs. Proceedings of SPIE, 2007, , .	0.8	3
50	Isolation of Human Oral Keratinocyte Progenitor/Stem Cells. Journal of Dental Research, 2007, 86, 341-346.	2.5	70
51	The expression and production of vascular endothelial growth factor in oral mucosa equivalents. International Journal of Oral and Maxillofacial Surgery, 2007, 36, 928-933.	0.7	21
52	Development and Characterization of a Human Tissue-Engineered Oral Mucosa. Journal of Oral and Maxillofacial Surgery, 2007, 65, 7-8.	0.5	0
53	Isolation of a Progenitor/Stem Cell From Oral Mucosa. Journal of Oral and Maxillofacial Surgery, 2006, 64, 85.	0.5	0
54	Quantitative, Noninvasive Optical Sensing in Tissue Engineered Oral Mucosal Constructs. , 2006, , .		1

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55	High glucose inhibits human epidermal keratinocyte proliferation for cellular studies on diabetes mellitus. <i>International Wound Journal</i> , 2005, 2, 298-304.	1.3	51
56	Development and characterization of a canine oral mucosa equivalent in a serum-free environment. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 71A, 143-153.	3.0	17
57	Development of a Tissue-Engineered Human Oral Mucosa: From the Bench to the Bed Side. <i>Cells Tissues Organs</i> , 2004, 176, 134-152.	1.3	85
58	Malignant fibrous histiocytoma arising in abutting soft tissue after resection of a benign fibrous histiocytoma of the mandible. <i>Oral Oncology</i> , 2004, 40, 24-28.	0.7	2
59	Intraoral grafting of an ex vivo produced oral mucosa equivalent: a preliminary report. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2003, 32, 188-197.	0.7	150
60	Evaluation of Transplanted Tissue-Engineered Oral Mucosa Equivalents in Severe Combined Immunodeficient Mice. <i>Tissue Engineering</i> , 2003, 9, 163-174.	4.9	51
61	Skin and oral mucosal substitutes. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2002, 14, 61-71.	0.4	11
62	Development and Characterization of a Tissue-engineered Human Oral Mucosa Equivalent Produced in a Serum-free Culture System. <i>Journal of Dental Research</i> , 2000, 79, 798-805.	2.5	112
63	Human stratified squamous epithelia differ in cellular fatty acid composition. <i>Journal of Dermatological Science</i> , 2000, 24, 14-24.	1.0	23
64	A case of sublingual ranula in a neonate.. <i>Nihon Koku Geka Gakkai Zasshi</i> , 2000, 46, 536-538.	0.0	3
65	Myoepithelioma of the submandibular gland: Report of a case.. <i>Nihon Koku Geka Gakkai Zasshi</i> , 2000, 46, 677-679.	0.0	1
66	Ex vivo development of a composite human oral mucosal equivalent. <i>Journal of Oral and Maxillofacial Surgery</i> , 1999, 57, 571-577.	0.5	85
67	Temporomandibular joint symptoms and disc displacement in patients with mandibular prognathism. <i>British Journal of Oral and Maxillofacial Surgery</i> , 1999, 37, 455-458.	0.4	37
68	Polypoid mass of the gingiva. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 1999, 88, 117-121.	1.6	0
69	Adenosquamous carcinoma of the tongue. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 1998, 85, 178-184.	1.6	32
70	Relationship between recipient condition and periodontal healing of autotransplanted teeth.. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1997, 43, 733-738.	0.0	0
71	Relationship between root canal filling and periodontal healing of autotransplanted teeth.. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1996, 42, 684-689.	0.0	0
72	Primary leiomyosarcoma of the maxilla with regional lymph node metastasis. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 1995, 80, 310-319.	1.6	55

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73	Responses of neural elements in the experimentally induced carcinoma of the hamster tongue: An immunohistochemical study using antibodies to neurofilament protein(NFP) and glia-specific S-100 protein.. Nihon Koku Geka Gakkai Zasshi, 1992, 38, 896-904.	0.0	0
74	CORRECTION: Calcitonin gene-related peptide-immunoreactive nerves in carcinoma experimentally induced in the hamster tongue, Biomedical Research 12 (6) 377-390. Biomedical Research, 1992, 13, 85-85.	0.3	0
75	CALCITONIN GENE-RELATED PEPTIDE-IMMUNOREACTIVE NERVES IN CARCINOMA EXPERIMENTALLY INDUCED IN THE HAMSTER TONGUE. Biomedical Research, 1991, 12, 377-390.	0.3	0