Juri Saruta

List of Publications by Year
in descending order

47 papers	989 citations	430874 18 h-index	477307 29 g-index
49 all docs	49 docs citations	49 times ranked	1163 citing authors

#	Article	IF	Citations
1	A Novel Cell Delivery System Exploiting Synergy between Fresh Titanium and Fibronectin. Cells, 2022, 11, 2158.	4.1	6
2	Prolonged Post-Polymerization Biocompatibility of Polymethylmethacrylate-Tri-n-Butylborane (PMMA-TBB) Bone Cement. Materials, 2021, 14, 1289.	2.9	17
3	Cognitive Dysfunction in a Mouse Model of Cerebral Ischemia Influences Salivary Metabolomics. Journal of Clinical Medicine, 2021, 10, 1698.	2.4	8
4	Effect of High Fat and Fructo-Oligosaccharide Consumption on Immunoglobulin A in Saliva and Salivary Glands in Rats. Nutrients, 2021, 13, 1252.	4.1	3
5	Biomimetic Zirconia with Cactus-Inspired Meso-Scale Spikes and Nano-Trabeculae for Enhanced Bone Integration. International Journal of Molecular Sciences, 2021, 22, 7969.	4.1	14
6	Osteoblast Attachment Compromised by High and Low Temperature of Titanium and Its Restoration by UV Photofunctionalization. Materials, 2021, 14, 5493.	2.9	13
7	Ultraviolet Light Treatment of Titanium Enhances Attachment, Adhesion, and Retention of Human Oral Epithelial Cells via Decarbonization. Materials, 2021, 14, 151.	2.9	20
8	UV photocatalytic activity of titanium dioxide (TiO2) surface contaminated with bacterial biofilm: Implications for photo-restoration of osteoconductivity. Materials Today Advances, 2021, 12, 100182.	5.2	8
9	Ultraviolet Treatment of Titanium to Enhance Adhesion and Retention of Oral Mucosa Connective Tissue and Fibroblasts. International Journal of Molecular Sciences, 2021, 22, 12396.	4.1	15
10	Detection of cross-reactive immunoglobulin A against the severe acute respiratory syndrome-coronavirus-2 spike 1 subunit in saliva. PLoS ONE, 2021, 16, e0249979.	2.5	27
11	Brain-derived neurotrophic factor is related to stress and chewing in saliva and salivary glands. Japanese Dental Science Review, 2020, 56, 43-49.	5.1	13
12	Chewing augments stress-induced increase of pERK-immunoreactive cells in the rat cingulate cortex. Neuroscience Letters, 2020, 727, 134921.	2.1	2
13	Hypertriglyceridemia-induced brain-derived neurotrophic factor in rat submandibular glands. Journal of Oral Biosciences, 2020, 62, 327-335.	2.2	1
14	Compromised Epithelial Cell Attachment after Polishing Titanium Surface and Its Restoration by UV Treatment. Materials, 2020, 13, 3946.	2.9	18
15	Existence of SARS-CoV-2 Entry Molecules in the Oral Cavity. International Journal of Molecular Sciences, 2020, 21, 6000.	4.1	147
16	UV-Pre-Treated and Protein-Adsorbed Titanium Implants Exhibit Enhanced Osteoconductivity. International Journal of Molecular Sciences, 2020, 21, 4194.	4.1	21
17	The Effect of TBB, as an Initiator, on the Biological Compatibility of PMMA/MMA Bone Cement. International Journal of Molecular Sciences, 2020, 21, 4016.	4.1	19
18	Faster Short-Chain Fatty Acid Absorption from the Cecum Following Polydextrose Ingestion Increases the Salivary Immunoglobulin A Flow Rate in Rats. Nutrients, 2020, 12, 1745.	4.1	6

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19	UV-Photofunctionalization of Titanium Promotes Mechanical Anchorage in A Rat Osteoporosis Model. International Journal of Molecular Sciences, 2020, 21, 1235.	4.1	26
20	Novel Osteogenic Behaviors around Hydrophilic and Radical-Free 4-META/MMA-TBB: Implications of an Osseointegrating Bone Cement. International Journal of Molecular Sciences, 2020, 21, 2405.	4.1	15
21	A Newly Created Meso-, Micro-, and Nano-Scale Rough Titanium Surface Promotes Bone-Implant Integration. International Journal of Molecular Sciences, 2020, 21, 783.	4.1	50
22	Detection of anti-citrullinated protein antibody (ACPA) in saliva for rheumatoid arthritis using DBA mice infected with Porphyromonas gingivalis. Archives of Oral Biology, 2019, 108, 104510.	1.8	13
23	Disproportionate Effect of Sub-Micron Topography on Osteoconductive Capability of Titanium. International Journal of Molecular Sciences, 2019, 20, 4027.	4.1	35
24	Histopathological analysis of the differential diagnosis of peripheral odontogenic fibroma from fibrous epulis. Journal of Oral Biosciences, 2019, 61, 221-225.	2.2	8
25	Effect of social isolation stress on saliva BDNF in rat. Journal of Oral Science, 2019, 61, 516-520.	1.7	15
26	Effect of ingesting yogurt fermented with Lactobacillus delbrueckii ssp. bulgaricus OLL1073R-1 on influenza virus-bound salivary IgA in elderly residents of nursing homes: a randomized controlled trial. Acta Odontologica Scandinavica, 2019, 77, 517-524.	1.6	40
27	Effect of oral functional training on immunological abilities of older people: a case control study. BMC Oral Health, 2018, 18, 4.	2.3	3
28	Human Î²-defensin-2 and interleukin-1Î² expression in response to Porphyromonas gingivalis challenge in mice transplanted with periodontitic human gingiva. Microbial Pathogenesis, 2017, 107, 38-43.	2.9	4
29	Salivary lactoferrin is transferred into the brain via the sublingual route. Bioscience, Biotechnology and Biochemistry, 2017, 81, 1300-1304.	1.3	24
30	Salivary Gland Derived BDNF Overexpression in Mice Exerts an Anxiolytic Effect. International Journal of Molecular Sciences, 2017, 18, 1902.	4.1	16
31	Continuous combined intake of polydextrose and lactitol stimulates cecal fermentation and salivary IgA secretion in rats. Journal of Oral Science, 2017, 59, 603-610.	1.7	5
32	The Salivary IgA Flow Rate Is Increased by High Concentrations of Short-Chain Fatty Acids in the Cecum of Rats Ingesting Fructooligosaccharides. Nutrients, 2016, 8, 500.	4.1	11
33	Grinding patterns in migraine patients with sleep bruxism: a case-controlled study. Cranio - Journal of Craniomandibular Practice, 2016, 34, 371-377.	1.4	3
34	Features of occlusal state in female Japanese patients with migraine: a case-controlled study. Cranio - Journal of Craniomandibular Practice, 2016, 34, 382-387.	1.4	0
35	Voluntary exercise increases IgA concentration and polymeric Ig receptor expression in the rat submandibular gland. Bioscience, Biotechnology and Biochemistry, 2016, 80, 2490-2496.	1.3	13
36	Relationship between salivary immunoglobulin a, lactoferrin and lysozyme flow rates and lifestyle factors in Japanese children: a cross-sectional study. Acta Odontologica Scandinavica, 2016, 74, 576-583.	1.6	9

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37	Intake of indigestible carbohydrates influences IgA response and polymeric Ig receptor expression in the rat submandibular gland. British Journal of Nutrition, 2015, 113, 1895-1902.	2.3	20
38	Physiological and environmental parameters associated with mass spectrometry-based salivary metabolomic profiles. Metabolomics, 2013, 9, 454-463.	3.0	70
39	Expression and Localization of Brain-Derived Neurotrophic Factor (BDNF) mRNA and Protein in Human Submandibular Gland. Acta Histochemica Et Cytochemica, 2012, 45, 211-218.	1.6	23
40	Role of Stress-Related Brain-Derived Neurotrophic Factor (BDNF) in the Rat Submandibular Gland. Acta Histochemica Et Cytochemica, 2012, 45, 261-267.	1.6	20
41	Chronic Stress Induces Neurotrophin-3 in Rat Submandibular Gland. Yonsei Medical Journal, 2012, 53, 1085.	2.2	11
42	Effects of orthodontic reconstruction on brain activity in a patient with masticatory dysfunction. International Journal of Stomatology & Occlusion Medicine, 2011, 4, 76-81.	0.1	2
43	Chronic stress affects the expression of brain-derived neurotrophic factor in rat salivary glands. Stress, 2010, 13, 53-60.	1.8	32
44	Salivary glands as the source of plasma brain-derived neurotrophic factor in stressed rats engaged in biting behavior. Stress, 2010, 13, 238-247.	1.8	18
45	The role of neurotrophins related to stress in saliva and salivary glands. Histology and Histopathology, 2010, 25, 1317-30.	0.7	31
46	Role of Hepatocyte Growth Factor and c-Met Receptor in Neoplastic Conditions of Salivary Glands. Acta Histochemica Et Cytochemica, 2005, 38, 25-30.	1.6	10
47	Expression and Localization of Chromogranin A Gene and Protein in Human Submandibular Gland. Cells Tissues Organs, 2005, 180, 237-244.	2.3	104