

# Juri Saruta

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Existence of SARS-CoV-2 Entry Molecules in the Oral Cavity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6000.	4.1	147
2	Expression and Localization of Chromogranin A Gene and Protein in Human Submandibular Gland. <i>Cells Tissues Organs</i> , 2005, 180, 237-244.	2.3	104
3	Physiological and environmental parameters associated with mass spectrometry-based salivary metabolomic profiles. <i>Metabolomics</i> , 2013, 9, 454-463.	3.0	70
4	A Newly Created Meso-, Micro-, and Nano-Scale Rough Titanium Surface Promotes Bone-Implant Integration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 783.	4.1	50
5	Effect of ingesting yogurt fermented with <i>Lactobacillus delbrueckii ssp. bulgaricus</i> OLL1073R-1 on influenza virus-bound salivary IgA in elderly residents of nursing homes: a randomized controlled trial. <i>Acta Odontologica Scandinavica</i> , 2019, 77, 517-524.	1.6	40
6	Disproportionate Effect of Sub-Micron Topography on Osteoconductive Capability of Titanium. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4027.	4.1	35
7	Chronic stress affects the expression of brain-derived neurotrophic factor in rat salivary glands. <i>Stress</i> , 2010, 13, 53-60.	1.8	32
8	The role of neurotrophins related to stress in saliva and salivary glands. <i>Histology and Histopathology</i> , 2010, 25, 1317-30.	0.7	31
9	Detection of cross-reactive immunoglobulin A against the severe acute respiratory syndrome-coronavirus-2 spike 1 subunit in saliva. <i>PLoS ONE</i> , 2021, 16, e0249979.	2.5	27
10	UV-Photofunctionalization of Titanium Promotes Mechanical Anchorage in A Rat Osteoporosis Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1235.	4.1	26
11	Salivary lactoferrin is transferred into the brain via the sublingual route. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1300-1304.	1.3	24
12	Expression and Localization of Brain-Derived Neurotrophic Factor (BDNF) mRNA and Protein in Human Submandibular Gland. <i>Acta Histochemica Et Cytochemica</i> , 2012, 45, 211-218.	1.6	23
13	UV-Pre-Treated and Protein-Adsorbed Titanium Implants Exhibit Enhanced Osteoconductivity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4194.	4.1	21
14	Role of Stress-Related Brain-Derived Neurotrophic Factor (BDNF) in the Rat Submandibular Gland. <i>Acta Histochemica Et Cytochemica</i> , 2012, 45, 261-267.	1.6	20
15	Intake of indigestible carbohydrates influences IgA response and polymeric Ig receptor expression in the rat submandibular gland. <i>British Journal of Nutrition</i> , 2015, 113, 1895-1902.	2.3	20
16	Ultraviolet Light Treatment of Titanium Enhances Attachment, Adhesion, and Retention of Human Oral Epithelial Cells via Decarbonization. <i>Materials</i> , 2021, 14, 151.	2.9	20
17	The Effect of TBB, as an Initiator, on the Biological Compatibility of PMMA/MMA Bone Cement. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4016.	4.1	19
18	Salivary glands as the source of plasma brain-derived neurotrophic factor in stressed rats engaged in biting behavior. <i>Stress</i> , 2010, 13, 238-247.	1.8	18

#	ARTICLE	IF	CITATIONS
19	Compromised Epithelial Cell Attachment after Polishing Titanium Surface and Its Restoration by UV Treatment. <i>Materials</i> , 2020, 13, 3946.	2.9	18
20	Prolonged Post-Polymerization Biocompatibility of Polymethylmethacrylate-Tri-n-Butylborane (PMMA-TBB) Bone Cement. <i>Materials</i> , 2021, 14, 1289.	2.9	17
21	Salivary Gland Derived BDNF Overexpression in Mice Exerts an Anxiolytic Effect. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1902.	4.1	16
22	Effect of social isolation stress on saliva BDNF in rat. <i>Journal of Oral Science</i> , 2019, 61, 516-520.	1.7	15
23	Novel Osteogenic Behaviors around Hydrophilic and Radical-Free 4-META/MMA-TBB: Implications of an Osseointegrating Bone Cement. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2405.	4.1	15
24	Ultraviolet Treatment of Titanium to Enhance Adhesion and Retention of Oral Mucosa Connective Tissue and Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12396.	4.1	15
25	Biomimetic Zirconia with Cactus-Inspired Meso-Scale Spikes and Nano-Trabeculae for Enhanced Bone Integration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7969.	4.1	14
26	Voluntary exercise increases IgA concentration and polymeric Ig receptor expression in the rat submandibular gland. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 2490-2496.	1.3	13
27	Detection of anti-citrullinated protein antibody (ACPA) in saliva for rheumatoid arthritis using DBA mice infected with <i>Porphyromonas gingivalis</i> . <i>Archives of Oral Biology</i> , 2019, 108, 104510.	1.8	13
28	Brain-derived neurotrophic factor is related to stress and chewing in saliva and salivary glands. <i>Japanese Dental Science Review</i> , 2020, 56, 43-49.	5.1	13
29	Osteoblast Attachment Compromised by High and Low Temperature of Titanium and Its Restoration by UV Photofunctionalization. <i>Materials</i> , 2021, 14, 5493.	2.9	13
30	Chronic Stress Induces Neurotrophin-3 in Rat Submandibular Gland. <i>Yonsei Medical Journal</i> , 2012, 53, 1085.	2.2	11
31	The Salivary IgA Flow Rate Is Increased by High Concentrations of Short-Chain Fatty Acids in the Cecum of Rats Ingesting Fructooligosaccharides. <i>Nutrients</i> , 2016, 8, 500.	4.1	11
32	Role of Hepatocyte Growth Factor and c-Met Receptor in Neoplastic Conditions of Salivary Glands. <i>Acta Histochemica Et Cytochemica</i> , 2005, 38, 25-30.	1.6	10
33	Relationship between salivary immunoglobulin a, lactoferrin and lysozyme flow rates and lifestyle factors in Japanese children: a cross-sectional study. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 576-583.	1.6	9
34	Histopathological analysis of the differential diagnosis of peripheral odontogenic fibroma from fibrous epulis. <i>Journal of Oral Biosciences</i> , 2019, 61, 221-225.	2.2	8
35	Cognitive Dysfunction in a Mouse Model of Cerebral Ischemia Influences Salivary Metabolomics. <i>Journal of Clinical Medicine</i> , 2021, 10, 1698.	2.4	8
36	UV photocatalytic activity of titanium dioxide (TiO <sub>2</sub> ) surface contaminated with bacterial biofilm: Implications for photo-restoration of osteoconductivity. <i>Materials Today Advances</i> , 2021, 12, 100182.	5.2	8

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37	Faster Short-Chain Fatty Acid Absorption from the Cecum Following Polydextrose Ingestion Increases the Salivary Immunoglobulin A Flow Rate in Rats. <i>Nutrients</i> , 2020, 12, 1745.	4.1	6
38	A Novel Cell Delivery System Exploiting Synergy between Fresh Titanium and Fibronectin. <i>Cells</i> , 2022, 11, 2158.	4.1	6
39	Continuous combined intake of polydextrose and lactitol stimulates cecal fermentation and salivary IgA secretion in rats. <i>Journal of Oral Science</i> , 2017, 59, 603-610.	1.7	5
40	Human $\beta$ -defensin-2 and interleukin-1 $\beta$ expression in response to <i>Porphyromonas gingivalis</i> challenge in mice transplanted with periodontitic human gingiva. <i>Microbial Pathogenesis</i> , 2017, 107, 38-43.	2.9	4
41	Grinding patterns in migraine patients with sleep bruxism: a case-controlled study. <i>Cranio - Journal of Craniomandibular Practice</i> , 2016, 34, 371-377.	1.4	3
42	Effect of oral functional training on immunological abilities of older people: a case control study. <i>BMC Oral Health</i> , 2018, 18, 4.	2.3	3
43	Effect of High Fat and Fructo-Oligosaccharide Consumption on Immunoglobulin A in Saliva and Salivary Glands in Rats. <i>Nutrients</i> , 2021, 13, 1252.	4.1	3
44	Effects of orthodontic reconstruction on brain activity in a patient with masticatory dysfunction. <i>International Journal of Stomatology &amp; Occlusion Medicine</i> , 2011, 4, 76-81.	0.1	2
45	Chewing augments stress-induced increase of pERK-immunoreactive cells in the rat cingulate cortex. <i>Neuroscience Letters</i> , 2020, 727, 134921.	2.1	2
46	Hypertriglyceridemia-induced brain-derived neurotrophic factor in rat submandibular glands. <i>Journal of Oral Biosciences</i> , 2020, 62, 327-335.	2.2	1
47	Features of occlusal state in female Japanese patients with migraine: a case-controlled study. <i>Cranio - Journal of Craniomandibular Practice</i> , 2016, 34, 382-387.	1.4	0