

Sayaka Katagiri

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

881
citations

430754

18
h-index

526166

27
g-index

46
all docs

46
docs citations

46
times ranked

1032
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial Cells Induced Progenitors Into Brown Fat to Reduce Atherosclerosis. <i>Circulation Research</i> , 2022, 131, 168-183.	2.0	14
2	A large-scale observational study to investigate the current status of diabetic complications and their prevention in Japan (JDCP study 6): baseline dental and oral findings. <i>Diabetology International</i> , 2021, 12, 52-61.	0.7	6
3	<i>Porphyrromonas gingivalis</i> impairs glucose uptake in skeletal muscle associated with altering gut microbiota. <i>FASEB Journal</i> , 2021, 35, e21171.	0.2	30
4	Cytological responses of periodontal tissue against low-level Er:YAG laser photobiomodulation. <i>Journal of Japanese Society for Laser Dentistry</i> , 2021, 31, 53-57.	0.1	0
5	Association between periodontal bacteria and degenerative aortic stenosis: a pilot study. <i>Journal of Periodontal and Implant Science</i> , 2021, 51, 226.	0.9	0
6	Comprehensive and Sequential Gene Expression Analysis of Bone Healing Process Following Er:YAG Laser Ablation. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2021, 39, 100-112.	0.7	8
7	Relationship between NAFLD and Periodontal Disease from the View of Clinical and Basic Research, and Immunological Response. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3728.	1.8	18
8	Application of Ligature-Induced Periodontitis in Mice to Explore the Molecular Mechanism of Periodontal Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8900.	1.8	52
9	Low-Level Erbium-Doped Yttrium Aluminum Garnet Laser Irradiation Induced Alteration of Gene Expression in Osteogenic Cells from Rat Calvariae. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2021, 39, 566-577.	0.7	4
10	Comparison of Periodontal Bacteria of Edo and Modern Periods Using Novel Diagnostic Approach for Periodontitis With Micro-CT. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 723821.	1.8	10
11	Non-surgical treatment for periodontitis and peri-implantitis: longitudinal clinical and bacteriological findings—A case report with a 7-year follow-up evaluation. <i>SAGE Open Medical Case Reports</i> , 2021, 9, 2050313X2110291.	0.2	2
12	Discrimination of Bacterial Community Structures among Healthy, Gingivitis, and Periodontitis Statuses through Integrated Metatranscriptomic and Network Analyses. <i>MSystems</i> , 2021, 6, e0088621.	1.7	16
13	<i>Porphyrromonas gingivalis</i> Administration Induces Gestational Obesity, Alters Gene Expression in the Liver and Brown Adipose Tissue in Pregnant Mice, and Causes Underweight in Fetuses. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 745117.	1.8	6
14	Accuracy of cone beam computed tomography in evaluation of palatal mucosa thickness. <i>Journal of Clinical Periodontology</i> , 2020, 47, 479-488.	2.3	12
15	Laser irradiation decreases sclerostin expression in bone and osteogenic cells. <i>FASEB Journal</i> , 2020, 34, 12877-12893.	0.2	10
16	Discriminating Microbial Community Structure Between Peri-Implantitis and Periodontitis With Integrated Metagenomic, Metatranscriptomic, and Network Analysis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 596490.	1.8	27
17	Detection of hepatocyte growth factor in oral rinses using water for possible periodontal diagnosis. <i>Journal of Oral Science</i> , 2020, 62, 250-255.	0.7	3
18	The relationship between the anti- <i>Porphyrromonas gingivalis</i> immunoglobulin G subclass antibody and small for gestational age delivery: a longitudinal study in pregnant Japanese women. <i>International Dental Journal</i> , 2020, 70, 296-302.	1.0	8

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19	Associations of cytokine levels in gingival crevicular fluid of mobile teeth with clinical improvement after initial periodontal treatment. <i>Journal of Oral Science</i> , 2020, 62, 189-196.	0.7	4
20	Effects of Low-Level Er:YAG Laser Irradiation on Proliferation and Calcification of Primary Osteoblast-Like Cells Isolated From Rat Calvaria. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 459.	1.8	20
21	Combined effect of canagliflozin and exercise training on high-fat diet-fed mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E492-E503.	1.8	15
22	Endotoxemia by <i>Porphyromonas gingivalis</i> Alters Endocrine Functions in Brown Adipose Tissue. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 580577.	1.8	11
23	Current Status of Clinical Practice of Periodontal Therapy by Predoctoral Dental Students at Tokyo Medical and Dental University (TMDU). <i>Journal of Japanese Society of Periodontology</i> , 2020, 62, 38-46.	0.1	0
24	JunB plays a crucial role in development of regulatory T cells by promoting IL-2 signaling. <i>Mucosal Immunology</i> , 2019, 12, 1104-1117.	2.7	34
25	Retinol binding protein 3 is increased in the retina of patients with diabetes resistant to diabetic retinopathy. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	62
26	RNA sequencing for ligature induced periodontitis in mice revealed important role of S100A8 and S100A9 for periodontal destruction. <i>Scientific Reports</i> , 2019, 9, 14663.	1.6	19
27	Influence of <i>Porphyromonas gingivalis</i> in gut microbiota of streptozotocin-induced diabetic mice. <i>Oral Diseases</i> , 2019, 25, 868-880.	1.5	37
28	The Effects of Ultraviolet Light-Emitting Diodes with Different Wavelengths on Periodontopathic Bacteria <i>In Vitro</i> . <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019, 37, 288-297.	0.7	8
29	Re-initiation of Oral Food Intake Following Enteral Nutrition Alters Oral and Gut Microbiota Communities. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 434.	1.8	27
30	Evaluation of bone healing following Er:YAG laser ablation in rat calvaria compared with bur drilling. <i>Journal of Biophotonics</i> , 2019, 12, e201800245.	1.1	27
31	Effect of <i>Porphyromonas gingivalis</i> infection in the placenta and umbilical cord in pregnant mice with low birth weight. <i>Acta Odontologica Scandinavica</i> , 2018, 76, 433-441.	0.9	26
32	Biological effects of Er:YAG laser irradiation on the proliferation of primary human gingival fibroblasts. <i>Journal of Biophotonics</i> , 2018, 11, e201700157.	1.1	26
33	Endotoxemia by <i>Porphyromonas gingivalis</i> Injection Aggravates Non-alcoholic Fatty Liver Disease, Disrupts Glucose/Lipid Metabolism, and Alters Gut Microbiota in Mice. <i>Frontiers in Microbiology</i> , 2018, 9, 2470.	1.5	55
34	The number of microvascular complications is associated with an increased risk for severity of periodontitis in type 2 diabetes patients: Results of a multicenter hospital-based cross-sectional study. <i>Journal of Diabetes Investigation</i> , 2017, 8, 677-686.	1.1	32
35	Periodontal pathogenic bacteria, <i>Aggregatibacter actinomycetemcomitans</i> affect non-alcoholic fatty liver disease by altering gut microbiota and glucose metabolism. <i>Scientific Reports</i> , 2017, 7, 13950.	1.6	111
36	Influence of muscle fiber type composition on early fat accumulation under high-fat diet challenge. <i>PLoS ONE</i> , 2017, 12, e0182430.	1.1	21

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37	Overexpressing IRS1 in Endothelial Cells Enhances Angioblast Differentiation and Wound Healing in Diabetes and Insulin Resistance. <i>Diabetes</i> , 2016, 65, 2760-2771.	0.3	29
38	Insulin decreases atherosclerosis by inducing endothelin receptor B expression. <i>JCI Insight</i> , 2016, 1, .	2.3	46
39	Improvement of periodontitis with pemphigus vulgaris using nonsurgical periodontal therapy ^{1/4} A case report. <i>Journal of Japanese Society of Periodontology</i> , 2015, 56, 451-456.	0.1	1
40	Blue-violet light-emitting diode irradiation in combination with hemostatic gelatin sponge (Spongel) application ameliorates immediate socket bleeding in patients taking warfarin. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2014, 117, 170-177.	0.2	8
41	The anti-phospholipid antibody-dependent and independent effects of periodontopathic bacteria on threatened preterm labor and preterm birth. <i>Archives of Gynecology and Obstetrics</i> , 2013, 288, 65-72.	0.8	24
42	High prevalence of periodontitis in non-elderly obese Japanese adults. <i>Obesity Research and Clinical Practice</i> , 2010, 4, e301-e306.	0.8	9