Yvonne Kapila

List of Publications by Year
in descending order

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75	3,181	136885	168321
papers	citations	32 h-index	53 g-index

78	78	78	3714
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nisin, an apoptogenic bacteriocin and food preservative, attenuates <scp>HNSCC</scp> tumorigenesis via <scp>CHAC</scp>1. Cancer Medicine, 2012, 1, 295-305.	1.3	210
2	The oral microbiome: Role of key organisms and complex networks in oral health and disease. Periodontology 2000, 2021, 87, 107-131.	6.3	195
3	Sirtuinâ€3 (SIRT3), a novel potential therapeutic target for oral cancer. Cancer, 2011, 117, 1670-1678.	2.0	184
4	The oralome and its dysbiosis: New insights into oral microbiome-host interactions. Computational and Structural Biotechnology Journal, 2021, 19, 1335-1360.	1.9	175
5	Nisin ZP, a Bacteriocin and Food Preservative, Inhibits Head and Neck Cancer Tumorigenesis and Prolongs Survival. PLoS ONE, 2015, 10, e0131008.	1.1	143
6	Squamous Cell Carcinoma Cell Aggregates Escape Suspension-induced, p53-mediated Anoikis. Journal of Biological Chemistry, 2004, 279, 48342-48349.	1.6	112
7	Oral healthâ€™s inextricable connection to systemic health: Special populations bring to bear multimodal relationships and factors connecting periodontal disease to systemic diseases and conditions. Periodontology 2000, 2021, 87, 11-16.	6.3	111
8	Effect of membrane exposure on guided bone regeneration: A systematic review and metaâ€analysis. Clinical Oral Implants Research, 2018, 29, 328-338.	1.9	108
9	Magic Angle Spinning NMR-Based Metabolic Profiling of Head and Neck Squamous Cell Carcinoma Tissues. Journal of Proteome Research, 2011, 10, 5232-5241.	1.8	97
10	Antimicrobial nisin acts against saliva derived multi-species biofilms without cytotoxicity to human oral cells. Frontiers in Microbiology, 2015, 6, 617.	1.5	95
11	Delineating metabolic signatures of head and neck squamous cell carcinoma: Phospholipase A2, a potential therapeutic target. International Journal of Biochemistry and Cell Biology, 2012, 44, 1852-1861.	1.2	87
12	Fibronectin and fibronectin fragments modulate the expression of proteinases and proteinase inhibitors in human periodontal ligament cells. Matrix Biology, 1996, 15, 251-261.	1.5	84
13	Association between metabolic syndrome and periodontitis: The role of lipids, inflammatory cytokines, altered host response, and the microbiome. Periodontology 2000, 2021, 87, 50-75.	6.3	76
14	Implications of cultured periodontal ligament cells for the clinical and experimental setting: A review. Archives of Oral Biology, 2011, 56, 933-943.	0.8	71
15	Microbial Communities Associated with Primary and Metastatic Head and Neck Squamous Cell Carcinoma â€“ A High Fusobacterial and Low Streptococcal Signature. Scientific Reports, 2017, 7, 9934.	1.6	70
16	The Response of Periodontal Ligament Cells to Fibronectin. Journal of Periodontology, 1998, 69, 1008-1019.	1.7	69
17	Bacterial anti-microbial peptides and nano-sized drug delivery systems: The state of the art toward improved bacteriocins. Journal of Controlled Release, 2020, 321, 100-118.	4.8	62
18	Cocaineâ€Associated Rapid Gingival Recession and Dental Erosion. A Case Report. Journal of Periodontology, 1997, 68, 485-488.	1.7	59

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19	Specific Fibronectin Fragments as Markers of Periodontal Disease Status. Journal of Periodontology, 2002, 73, 1101-1110.	1.7	55
20	Periodontal pathogens promote cancer aggressivity via TLR/MyD88 triggered activation of Integrin/FAK signaling that is therapeutically reversible by a probiotic bacteriocin. PLoS Pathogens, 2020, 16, e1008881.	2.1	55
21	Probiotics for periodontal healthâ€"Current molecular findings. Periodontology 2000, 2021, 87, 254-267.	6.3	49
22	Probiotics, including nisinâ€based probiotics, improve clinical and microbial outcomes relevant to oral and systemic diseases. Periodontology 2000, 2020, 82, 173-185.	6.3	48
23	Differential expression of inflammasome regulatory transcripts in periodontal disease. Journal of Periodontology, 2020, 91, 606-616.	1.7	44
24	Periodontal diseaseâ€"related nonalcoholic fatty liver disease and nonalcoholic steatohepatitis: An emerging concept of oralâ€liver axis. Periodontology 2000, 2021, 87, 204-240.	6.3	44
25	Head and Neck Squamous Cell Carcinoma Metabolism Draws on Glutaminolysis, and Stemness Is Specifically Regulated by Glutaminolysis via Aldehyde Dehydrogenase. Journal of Proteome Research, 2017, 16, 1315-1326.	1.8	43
26	Inflammasomes and their regulation in periodontal disease: A review. Journal of Periodontal Research, 2020, 55, 473-487.	1.4	39
27	Metabolomics of Head and Neck Cancer: A Mini-Review. Frontiers in Physiology, 2016, 7, 526.	1.3	38
28	Modulation of pathogenic oral biofilms towards health with nisin probiotic. Journal of Oral Microbiology, 2020, 12, 1809302.	1.2	36
29	Polymicrobial periodontal disease triggers a wide radius of effect and unique virome. Npj Biofilms and Microbiomes, 2020, 6, 10.	2.9	36
30	A Novel Sirtuin-3 Inhibitor, LC-0296, Inhibits Cell Survival and Proliferation, and Promotes Apoptosis of Head and Neck Cancer Cells. Anticancer Research, 2016, 36, 49-60.	0.5	36
31	Receptorâ€interacting protein (RIP) and Sirtuinâ€3 (SIRT3) are on opposite sides of anoikis and tumorigenesis. Cancer, 2012, 118, 5800-5810.	2.0	35
32	The High Affinity Heparin-binding Domain and the V Region of Fibronectin Mediate Invasion of Human Oral Squamous Cell Carcinoma Cells in Vitro. Journal of Biological Chemistry, 1997, 272, 18932-18938.	1.6	34
33	High-purity Nisin Alone or in Combination with Sodium Hypochlorite Is Effective against Planktonic and Biofilm Populations ofÂ Enterococcus faecalis. Journal of Endodontics, 2017, 43, 989-994.	1.4	29
34	Dental implants and grafting success remain high despite large variations in maxillary sinus mucosal thickening. International Journal of Implant Dentistry, 2017, 3, 1.	1.1	28
35	The role of caspaseâ€8, caspaseâ€9, and apoptosis inducing factor in periodontal disease. Journal of Periodontology, 2019, 90, 288-294.	1.7	28
36	Paradigm shift in the pathogenesis and treatment of oral cancer and other cancers focused on the oralome and antimicrobialâ€based therapeutics. Periodontology 2000, 2021, 87, 76-93.	6.3	28

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37	TheTreponema denticolaChymotrypsin-Like Protease Dentilisin Induces Matrix Metalloproteinase-2-Dependent Fibronectin Fragmentation in Periodontal Ligament Cells. Infection and Immunity, 2011, 79, 806-811.	1.0	25
38	<scp>ADAM</scp>17â€mediated <scp>CD</scp>44 cleavage promotes orasphere formation or stemness and tumorigenesis in <scp>HNSCC</scp>. Cancer Medicine, 2013, 2, 793-802.	1.3	25
39	Unculturable and culturable periodontal-related bacteria are associated with periodontal inflammation during pregnancy and with preterm low birth weight delivery. Scientific Reports, 2020, 10, 15807.	1.6	25
40	Hostâ€microbe interactions: Profiles in the transcriptome, the proteome, and the metabolome. Periodontology 2000, 2020, 82, 115-128.	6.3	24
41	The significance of surgically modifying soft tissue phenotype around fixed dental prostheses: An American Academy of Periodontology best evidence review. Journal of Periodontology, 2020, 91, 339-351.	1.7	23
42	The human oral virome: Shedding light on the dark matter. Periodontology 2000, 2021, 87, 282-298.	6.3	23
43	The Heparin-binding Domain and V Region of Fibronectin Regulate Apoptosis by Suppression of p53 and c-myc in Human Primary Cells. Journal of Biological Chemistry, 2002, 277, 8482-8491.	1.6	22
44	Treponema denticola upregulates MMP-2 activation in periodontal ligament cells: Interplay between epigenetics and periodontal infection. Archives of Oral Biology, 2014, 59, 1056-1064.	0.8	22
45	Oral microbiome shifts during pregnancy and adverse pregnancy outcomes: Hormonal and Immunologic changes at play. Periodontology 2000, 2021, 87, 276-281.	6.3	22
46	The CS1 segment of fibronectin is involved in human OSCC pathogenesis by mediating OSCC cell spreading, migration, and invasion. BMC Cancer, 2010, 10, 330.	1.1	20
47	Treponema denticolaincreases MMP-2 expression and activation in the periodontium via reversible DNA and histone modifications. Cellular Microbiology, 2018, 20, e12815.	1.1	20
48	Treatment planning considerations in the older adult with periodontal disease. Periodontology 2000, 2021, 87, 157-165.	6.3	18
49	Poor Oral Health and Inflammatory, Hemostatic, and Cardiac Biomarkers in Older Age: Results From Two Studies in the UK and USA. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 346-351.	1.7	17
50	Community-based assessment and intervention for early childhood caries in rural El Salvador. International Dental Journal, 2016, 66, 221-228.	1.0	15
51	A Modified Shuttle Plasmid Facilitates Expression of a Flavin Mononucleotide-Based Fluorescent Protein in Treponema denticola ATCC 35405. Applied and Environmental Microbiology, 2015, 81, 6496-6504.	1.4	14
52	Sixâ€month clinical outcomes of nonâ€surgical periodontal treatment with antibiotics on apoptosis markers in aggressive periodontitis. Oral Diseases, 2019, 25, 839-847.	1.5	12
53	Treponema denticola dentilisin triggered TLR2/MyD88 activation upregulates a tissue destructive program involving MMPs via Sp1 in human oral cells. PLoS Pathogens, 2021, 17, e1009311.	2.1	12
54	Nisin probiotic prevents inflammatory bone loss while promoting reparative proliferation and a healthy microbiome. Npj Biofilms and Microbiomes, 2022, 8, .	2.9	12

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55	Oxidative stress, neutrophil elastase and IGFBP7 levels in patients with oropharyngeal cancer and chronic periodontitis. Oral Diseases, 2020, 26, 1393-1401.	1.5	11
56	Clinical study showing a lower abundance of Neisseria in the oral microbiome aligns with low birth weight pregnancy outcomes. Clinical Oral Investigations, 2022, 26, 2465-2478.	1.4	11
57	Phosphatidylserine-Gold Nanoparticles (PS-AuNP) Induce Prostate and Breast Cancer Cell Apoptosis. Pharmaceutics, 2021, 13, 1094.	2.0	10
58	In vitro antiviral activity of stabilized chlorine dioxide containing oral care products. Oral Diseases, 2023, 29, 1333-1340.	1.5	9
59	Nisin and Nisin Probiotic Disrupt Oral Pathogenic Biofilms and Restore Their Microbiome Composition towards Healthy Control Levels in a Peri-Implantitis Setting. Microorganisms, 2022, 10, 1336.	1.6	9
60	Analyzing the predictability of the Kwok and Caton periodontal prognosis system: A retrospective study. Journal of Periodontology, 2021, 92, 662-669.	1.7	8
61	Implant success remains high despite grafting voids in the maxillary sinus. Clinical Oral Implants Research, 2015, 26, 447-453.	1.9	7
62	Treponema denticola-Induced RASA4 Upregulation Mediates Cytoskeletal Dysfunction and MMP-2 Activity in Periodontal Fibroblasts. Frontiers in Cellular and Infection Microbiology, 2021, 11, 671968.	1.8	7
63	High serum ferritin levels are associated with a reduced periodontium in women with anorexia nervosa. Eating and Weight Disorders, 2020, 25, 1763-1770.	1.2	6
64	Innovative application of nested PCR for detection of Porphyromonas gingivalis in human highly calcified atherothrombotic plaques. Journal of Oral Microbiology, 2020, 12, 1742523.	1.2	6
65	Temporal and dynamic changes in gingival blood flow during progression of ligatureâ€induced periodontitis. Oral Diseases, 2020, 26, 1292-1301.	1.5	6
66	Periodontal inflammation triggers a siteâ€specific and wide radius of calcium metabolic effects on alveolar bone. Journal of Periodontal Research, 2021, 56, 314-329.	1.4	6
67	Eating disorders through the periodontal lens. Periodontology 2000, 2021, 87, 17-31.	6.3	5
68	Connective Tissue Graft with or without Enamel Matrix Derivative for Treating Gingival Recession Defects: A Systematic Review and Meta-Analysis. Journal of Evidence-based Dental Practice, 2021, 21, 101635.	0.7	4
69	Metabolomics in head and neck cancer. , 2020, , 119-135.		3
70	Periodontal Disease and Nonalcoholic Fatty Liver Disease: New Microbiome-Targeted Therapy Based on the Oralâ€“Gutâ€“Liver Axis Concept. Current Oral Health Reports, 2022, 9, 89-102.	0.5	3
71	Incidental Findings From Cone-Beam Computed Tomography During Implant Therapy. Clinical Advances in Periodontics, 2016, 6, 94-98.	0.4	1
72	Rebuilding the Interproximal Papilla: Description of â€œTubeâ€•Technique and Two Case Reports. Clinical Advances in Periodontics, 2021, 11, 17-21.	0.4	1

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73	A Commentary on strategic extraction. Journal of Periodontology, 2021, , .	1.7	1
74	Functional Adaptation of LPSâ€affected Dentoalveolar Fibrous Joints in Rats. Journal of Periodontal Research, 2021, , .	1.4	1
75	Incision Free, Coronally Advanced Flap with Subepithelial Connective Tissue Graft Placed by the Molar or Canine Access (MOCA) Technique: 13 Case series. Clinical Advances in Periodontics, 2022, , .	0.4	0