Richard J Lamont

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153 papers	10,073 citations	52 h-index	98 g-index
158 ext. papers	11,793 ext. citations	6 avg, IF	6.72 L-index

#	Paper	IF	Citations
153	Life below the gum line: pathogenic mechanisms of Porphyromonas gingivalis. *Microbiology and Molecular Biology Reviews*, **1998**, 62, 1244-63	13.2	772
152	Beyond the red complex and into more complexity: the polymicrobial synergy and dysbiosis (PSD) model of periodontal disease etiology. *Molecular Oral Microbiology*, **2012**, 27, 409-19	4.6	625
151	The oral microbiota: dynamic communities and host interactions. *Nature Reviews Microbiology*, **2018**, 16, 745-759	22.2	572
150	Streptococcus adherence and colonization. *Microbiology and Molecular Biology Reviews*, **2009**, 73, 407-50, Table of Contents	13.2	417
149	Oral microbial communities in sickness and in health. *Trends in Microbiology*, **2005**, 13, 589-95	12.4	403
148	Dental plaque formation. *Microbes and Infection*, **2000**, 2, 1599-607	9.3	335
147	Polymicrobial synergy and dysbiosis in inflammatory disease. *Trends in Molecular Medicine*, **2015**, 21, 172-83	11.5	290
146	Local chemokine paralysis, a novel pathogenic mechanism for Porphyromonas gingivalis. *Infection and Immunity*, **1998**, 66, 1660-5	3.7	287
145	Breaking bad: manipulation of the host response by Porphyromonas gingivalis. *European Journal of Immunology*, **2014**, 44, 328-38	6.1	197
144	Involvement of integrins in fimbriae-mediated binding and invasion by Porphyromonas gingivalis. *Cellular Microbiology*, **2002**, 4, 305-14	3.9	179
143	Oral bacteria and cancer. *PLoS Pathogens*, **2014**, 10, e1003933	7.6	177
142	Dancing with the Stars: How Choreographed Bacterial Interactions Dictate Nososymbiocity and Give Rise to Keystone Pathogens, Accessory Pathogens, and Pathobionts. *Trends in Microbiology*, **2016**, 24, 477-489	12.4	162
141	Intra- and interspecies regulation of gene expression by Actinobacillus actinomycetemcomitans LuxS. *Infection and Immunity*, **2001**, 69, 7625-34	3.7	159
140	Intrinsic apoptotic pathways of gingival epithelial cells modulated by Porphyromonas gingivalis. *Cellular Microbiology*, **2007**, 9, 1997-2007	3.9	150
139	Role of the Streptococcus gordonii SspB protein in the development of Porphyromonas gingivalis biofilms on streptococcal substrates. *Microbiology (United Kingdom)*, **2002**, 148, 1627-1636	2.9	149
138	Short fimbriae of Porphyromonas gingivalis and their role in coadhesion with Streptococcus gordonii. *Infection and Immunity*, **2005**, 73, 3983-9	3.7	141
137	Presence of Porphyromonas gingivalis in esophagus and its association with the clinicopathological characteristics and survival in patients with esophageal cancer. *Infectious Agents and Cancer*, **2016**, 11, 3	3.5	134

136	Microbial interactions in building of communities. *Molecular Oral Microbiology*, **2013**, 28, 83-101	4.6	127
135	Bacterial invasion of epithelial cells and spreading in periodontal tissue. *Periodontology 2000*, **2010**, 52, 68-83	12.9	118
134	P. gingivalis accelerates gingival epithelial cell progression through the cell cycle. *Microbes and Infection*, **2008**, 10, 122-8	9.3	118
133	Inhibition of epithelial cell apoptosis by Porphyromonas gingivalis. *FEMS Microbiology Letters*, **2001**, 200, 145-9	2.9	116
132	Porphyromonas gingivalis promotes invasion of oral squamous cell carcinoma through induction of proMMP9 and its activation. *Cellular Microbiology*, **2014**, 16, 131-45	3.9	115
131	ATP scavenging by the intracellular pathogen Porphyromonas gingivalis inhibits P2X7-mediated host-cell apoptosis. *Cellular Microbiology*, **2008**, 10, 863-75	3.9	115
130	Streptococcus gordonii utilizes several distinct gene functions to recruit Porphyromonas gingivalis into a mixed community. *Molecular Microbiology*, **2006**, 60, 121-39	4.1	113
129	Fluorescence image analysis of the association between Porphyromonas gingivalis and gingival epithelial cells. *Cellular Microbiology*, **1999**, 1, 215-23	3.9	105
128	Subgingival biofilm formation. *Periodontology 2000*, **2010**, 52, 38-52	12.9	101
127	Gingival epithelial cell signalling and cytoskeletal responses to Porphyromonas gingivalis invasion. *Microbiology (United Kingdom)*, **2003**, 149, 2417-2426	2.9	100
126	Structural dissection and in vivo effectiveness of a peptide inhibitor of Porphyromonas gingivalis adherence to Streptococcus gordonii. *Infection and Immunity*, **2011**, 79, 67-74	3.7	91
125	Intergeneric communication in dental plaque biofilms. *Journal of Bacteriology*, **2000**, 182, 7067-9	3.5	90
124	Distinct transcriptional profiles characterize oral epithelium-microbiota interactions. *Cellular Microbiology*, **2005**, 7, 811-23	3.9	89
123	Porphyromonas gingivalis induction of microRNA-203 expression controls suppressor of cytokine signaling 3 in gingival epithelial cells. *Infection and Immunity*, **2011**, 79, 2632-7	3.7	85
122	Proteomics of Porphyromonas gingivalis within a model oral microbial community. *BMC Microbiology*, **2009**, 9, 98	4.5	83
121	LuxS involvement in the regulation of genes coding for hemin and iron acquisition systems in Porphyromonas gingivalis. *Infection and Immunity*, **2006**, 74, 3834-44	3.7	80
120	Role of the Clp system in stress tolerance, biofilm formation, and intracellular invasion in Porphyromonas gingivalis. *Journal of Bacteriology*, **2008**, 190, 1436-46	3.5	78
119	A Porphyromonas gingivalis tyrosine phosphatase is a multifunctional regulator of virulence attributes. *Molecular Microbiology*, **2008**, 69, 1153-64	4.1	77

118	The serine phosphatase SerB of Porphyromonas gingivalis suppresses IL-8 production by dephosphorylation of NF-B RelA/p65. *PLoS Pathogens*, **2013**, 9, e1003326	7.6	75
117	Porphyromonas gingivalis genes involved in community development with Streptococcus gordonii. *Infection and Immunity*, **2006**, 74, 6419-28	3.7	74
116	Tyrosine phosphorylation and bacterial virulence. *International Journal of Oral Science*, **2012**, 4, 1-6	27.9	73
115	The pathogenic persona of community-associated oral streptococci. *Molecular Microbiology*, **2011**, 81, 305-14	4.1	70
114	Distinct roles of long/short fimbriae and gingipains in homotypic biofilm development by Porphyromonas gingivalis. *BMC Microbiology*, **2009**, 9, 105	4.5	70
113	Association of mitogen-activated protein kinase pathways with gingival epithelial cell responses to Porphyromonas gingivalis infection. *Infection and Immunity*, **2001**, 69, 6731-7	3.7	70
112	Interaction of oral bacteria with gingival epithelial cell multilayers. *Molecular Oral Microbiology*, **2011**, 26, 210-20	4.6	69
111	Role of Porphyromonas gingivalis SerB in gingival epithelial cell cytoskeletal remodeling and cytokine production. *Infection and Immunity*, **2008**, 76, 2420-7	3.7	69
110	Metabolic crosstalk regulates Porphyromonas gingivalis colonization and virulence during oral polymicrobial infection. *Nature Microbiology*, **2017**, 2, 1493-1499	26.6	67
109	A Porphyromonas gingivalis haloacid dehalogenase family phosphatase interacts with human phosphoproteins and is important for invasion. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 11027-32	11.5	65
108	Discrete protein determinant directs the species-specific adherence of Porphyromonas gingivalis to oral streptococci. *Infection and Immunity*, **2001**, 69, 5736-41	3.7	65
107	Role of Porphyromonas gingivalis phosphoserine phosphatase enzyme SerB in inflammation, immune response, and induction of alveolar bone resorption in rats. *Infection and Immunity*, **2010**, 78, 4560-9	3.7	60
106	Quantitative proteomics of intracellular Porphyromonas gingivalis. *Proteomics*, **2007**, 7, 4323-37	4.8	60
105	Interaction of Porphyromonas gingivalis with oral streptococci requires a motif that resembles the eukaryotic nuclear receptor box protein-protein interaction domain. *Infection and Immunity*, **2008**, 76, 3273-80	3.7	58
104	Structural characterization of peptide-mediated inhibition of Porphyromonas gingivalis biofilm formation. *Infection and Immunity*, **2006**, 74, 5756-62	3.7	58
103	Identification of a signalling molecule involved in bacterial intergeneric communication. *Microbiology (United Kingdom)*, **2007**, 153, 3228-3234	2.9	57
102	GSK3and the control of infectious bacterial diseases. *Trends in Microbiology*, **2014**, 22, 208-17	12.4	53
101	Microbiota and Metatranscriptome Changes Accompanying the Onset of Gingivitis. *MBio*, **2018**, 9,	7.8	52

100	Suppression of T-cell chemokines by Porphyromonas gingivalis. *Infection and Immunity*, **2013**, 81, 2288-95	3.7	50
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97	Negative correlation of distributions of Streptococcus cristatus and Porphyromonas gingivalis in subgingival plaque. *Journal of Clinical Microbiology*, **2009**, 47, 3902-6	9.7	47
96	Role of the Porphyromonas gingivalis InlJ protein in homotypic and heterotypic biofilm development. *Infection and Immunity*, **2006**, 74, 3002-5	3.7	46
95	A Commensal Bacterium Promotes Virulence of an Opportunistic Pathogen via Cross-Respiration. *MBio*, **2016**, 7,	7.8	46
94	Conjugal transfer of chromosomal DNA contributes to genetic variation in the oral pathogen Porphyromonas gingivalis. *Journal of Bacteriology*, **2007**, 189, 6382-8	3.5	45
93	Resolvin D1, resolvin D2 and maresin 1 activate the GSK3β anti-inflammatory axis in TLR4-engaged human monocytes. *Innate Immunity*, **2016**, 22, 186-95	2.7	44
92	Proteomics of Streptococcus gordonii within a model developing oral microbial community. *BMC Microbiology*, **2012**, 12, 211	4.5	42
91	Functional regions of Candida albicans hyphal cell wall protein Als3 that determine interaction with the oral bacterium Streptococcus gordonii. *Microbiology (United Kingdom)*, **2015**, 161, 18-29	2.9	40
90	Plant-Derived Exosomal Nanoparticles Inhibit Pathogenicity of Porphyromonas gingivalis. *IScience*, **2019**, 21, 308-327	6.1	40
89	Characterization of a bacterial tyrosine kinase in Porphyromonas gingivalis involved in polymicrobial synergy. *MicrobiologyOpen*, **2014**, 3, 383-94	3.4	40
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87	Oral community interactions of Filifactor alocis in vitro. *PLoS ONE*, **2013**, 8, e76271	3.7	39
86	Contact-dependent protein secretion in Porphyromonas gingivalis. *Infection and Immunity*, **1998**, 66, 4777-82	3.7	38
85	Microbial dinner-party conversations: the role of LuxS in interspecies communication. *Journal of Medical Microbiology*, **2003**, 52, 541-545	3.2	38
84	Polymicrobial communities in periodontal disease: Their quasi-organismal nature and dialogue with the host. *Periodontology 2000*, **2021**, 86, 210-230	12.9	38
83	Porphyromonas gingivalis infection-induced tissue and bone transcriptional profiles. *Molecular Oral Microbiology*, **2010**, 25, 61-74	4.6	36

82	Porphyromonas gingivalis initiates a mesenchymal-like transition through ZEB1 in gingival epithelial cells. *Cellular Microbiology*, **2016**, 18, 844-58	3.9	36
81	Code blue: Acinetobacter baumannii, a nosocomial pathogen with a role in the oral cavity. *Molecular Oral Microbiology*, **2015**, 30, 2-15	4.6	35
80	Community signalling between Streptococcus gordonii and Porphyromonas gingivalis is controlled by the transcriptional regulator CdhR. *Molecular Microbiology*, **2010**, 78, 1510-22	4.1	35
79	Regulation of the Porphyromonas gingivalis fimA (Fimbrillin) gene. *Infection and Immunity*, **2000**, 68, 6574-9	3.7	35
78	The degree of microbiome complexity influences the epithelial response to infection. *BMC Genomics*, **2009**, 10, 380	4.5	34
77	Noncanonical activation of β-catenin by Porphyromonas gingivalis. *Infection and Immunity*, **2015**, 83, 3195-203	3.7	32
76	Proteomics of Fusobacterium nucleatum within a model developing oral microbial community. *MicrobiologyOpen*, **2014**, 3, 729-51	3.4	32
75	Transcriptional landscape of trans-kingdom communication between Candida albicans and Streptococcus gordonii. *Molecular Oral Microbiology*, **2016**, 31, 136-61	4.6	31
74	Role of Candida albicans secreted aspartyl protease Sap9 in interkingdom biofilm formation. *Pathogens and Disease*, **2016**, 74,	4.2	30
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72	Filifactor alocis Promotes Neutrophil Degranulation and Chemotactic Activity. *Infection and Immunity*, **2016**, 84, 3423-3433	3.7	29
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70	Genes Contributing to Fitness in Abscess and Epithelial Cell Colonization Environments. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 378	5.9	28
69	FOXO responses to Porphyromonas gingivalis in epithelial cells. *Cellular Microbiology*, **2015**, 17, 1605-17	3.9	28
68	Role of Mfa5 in Expression of Mfa1 Fimbriae in Porphyromonas gingivalis. *Journal of Dental Research*, **2016**, 95, 1291-7	8.1	25
67	Structural and Functional Analysis of Cell Wall-anchored Polypeptide Adhesin BspA in Streptococcus agalactiae. *Journal of Biological Chemistry*, **2016**, 291, 15985-6000	5.4	25
66	Insights into Dynamic Polymicrobial Synergy Revealed by Time-Coursed RNA-Seq. *Frontiers in Microbiology*, **2017**, 8, 261	5.7	25
65	Streptococcus mutans copes with heat stress by multiple transcriptional regulons modulating virulence and energy metabolism. *Scientific Reports*, **2015**, 5, 12929	4.9	25

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63	programs epithelial cells to resist ZEB2 induction by. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 8544-8553	11.5	24
62	Localization and function of the accessory protein Mfa3 in Porphyromonas gingivalis Mfa1 fimbriae. *Molecular Oral Microbiology*, **2013**, 28, 467-80	4.6	24
61	Involvement of protease-activated receptor 4 in over-expression of matrix metalloproteinase 9 induced by Porphyromonas gingivalis. *Medical Microbiology and Immunology*, **2015**, 204, 605-12	4	23
60	Identification of Streptococcus cristatus peptides that repress expression of virulence genes in Porphyromonas gingivalis. *Scientific Reports*, **2017**, 7, 1413	4.9	23
59	Mfa4, an Accessory Protein of Mfa1 Fimbriae, Modulates Fimbrial Biogenesis, Cell Auto-Aggregation, and Biofilm Formation in Porphyromonas gingivalis. *PLoS ONE*, **2015**, 10, e0139454	3.7	23
58	Filifactor alocis modulates human neutrophil antimicrobial functional responses. *Cellular Microbiology*, **2018**, 20, e12829	3.9	21
57	Deep sequencing of Porphyromonas gingivalis and comparative transcriptome analysis of a LuxS mutant. *Frontiers in Cellular and Infection Microbiology*, **2012**, 2, 79	5.9	21
56	Large-scale identification of pathogen essential genes during coinfection with sympatric and allopatric microbes. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 19685-19694	11.5	20
55	Inactive Gingipains from Selectively Skews T Cells toward a Th17 Phenotype in an IL-6 Dependent Manner. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 140	5.9	20
54	Comparison of inherently essential genes of Porphyromonas gingivalis identified in two transposon-sequencing libraries. *Molecular Oral Microbiology*, **2016**, 31, 354-64	4.6	20
53	From Beyond the Pale to the Pale Riders: The Emerging Association of Bacteria with Oral Cancer. *Journal of Dental Research*, **2020**, 99, 604-612	8.1	19
52	Maturation of the Mfa1 Fimbriae in the Oral Pathogen. *Frontiers in Cellular and Infection Microbiology*, **2018**, 8, 137	5.9	19
51	Disruption of heterotypic community development by Porphyromonas gingivalis with small molecule inhibitors. *Molecular Oral Microbiology*, **2014**, 29, 185-93	4.6	19
50	Coassociation between Group B Streptococcus and Candida albicans Promotes Interactions with Vaginal Epithelium. *Infection and Immunity*, **2018**, 86,	3.7	17
49	Molecular characterization of Treponema denticola infection-induced bone and soft tissue transcriptional profiles. *Molecular Oral Microbiology*, **2010**, 25, 260-74	4.6	15
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47	Porphyromonas gingivalis promotes progression of esophageal squamous cell cancer via TGF□dependent Smad/YAP/TAZ signaling. *PLoS Biology*, **2020**, 18, e3000825	9.7	15

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45	Dietary and salivary factors associated with root caries. *Special Care in Dentistry*, **1992**, 12, 177-82	1.7	14
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43	The Streptococcus gordonii Adhesin CshA Protein Binds Host Fibronectin via a Catch-Clamp Mechanism. *Journal of Biological Chemistry*, **2017**, 292, 1538-1549	5.4	13
42	Filifactor alocis manipulates human neutrophils affecting their ability to release neutrophil extracellular traps induced by PMA. *Innate Immunity*, **2018**, 24, 210-220	2.7	13
41	Metabolic Signaling and Spatial Interactions in the Oral Polymicrobial Community. *Journal of Dental Research*, **2019**, 98, 1308-1314	8.1	13
40	Regulon controlled by the GppX hybrid two component system in Porphyromonas gingivalis. *Molecular Oral Microbiology*, **2013**, 28, 70-81	4.6	13
39	Structure-function aspects of the Porphyromonas gingivalis tyrosine kinase Ptk1. *Molecular Oral Microbiology*, **2017**, 32, 314-323	4.6	13
38	Adhesion and invasion of gingival epithelial cells by Porphyromonas gulae. *PLoS ONE*, **2019**, 14, e0213309	3.7	12
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36	Porphyromonas gingivalis Tyrosine Phosphatase Php1 Promotes Community Development and Pathogenicity. *MBio*, **2019**, 10,	7.8	10
35	Transcriptome analysis of Porphyromonas gingivalis and Acinetobacter baumannii in polymicrobial communities. *Molecular Oral Microbiology*, **2018**, 33, 364-377	4.6	10
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33	Cell Cycle Arrest and Apoptosis Induced by Porphyromonas gingivalis Require Jun N-Terminal Protein Kinase- and p53-Mediated p38 Activation in Human Trophoblasts. *Infection and Immunity*, **2018**, 86,	3.7	9
32	Porphyromonas gingivalis infection exacerbates oesophageal cancer and promotes resistance to neoadjuvant chemotherapy. *British Journal of Cancer*, **2021**, 125, 433-444	8.7	9
31	JAK3 restrains inflammatory responses and protects against periodontal disease through Wnt3a signaling. *FASEB Journal*, **2020**, 34, 9120-9140	0.9	8
30	Role of the RprY response regulator in P. gingivalis community development and virulence. *Molecular Oral Microbiology*, **2020**, 35, 231-239	4.6	7
29	The histone demethylase KDM6B fine-tunes the host response to Streptococcus pneumoniae. *Nature Microbiology*, **2021**, 6, 257-269	26.6	7

28	Characterization and development of SAPP as a specific peptidic inhibitor that targets Porphyromonas gingivalis. *Molecular Oral Microbiology*, **2018**, 33, 430-439	4.6	7
27	Proteolysis of Gingival Keratinocyte Cell Surface Proteins by Gingipains Secreted From - Proteomic Insights Into Mechanisms Behind Tissue Damage in the Diseased Gingiva. *Frontiers in Microbiology*, **2020**, 11, 722	5.7	6
26	Tannerella forsythia infection-induced calvarial bone and soft tissue transcriptional profiles. *Molecular Oral Microbiology*, **2010**, 25, 317-30	4.6	6
25	Signaling Systems in Oral Bacteria. *Advances in Experimental Medicine and Biology*, **2019**, 1197, 27-43	3.6	6
24	Whole Transcriptome Analysis Reveals That Modulates TNF-Stimulated MAPK Activation in Human Neutrophils. *Frontiers in Immunology*, **2020**, 11, 497	8.4	5
23	2-Amino-4-(3,4-(methylenedioxy)benzylamino)-6-(3-methoxyphenyl)pyrimidine is an anti-inflammatory TLR-2, -4 and -5 response mediator in human monocytes. *Inflammation Research*, **2016**, 65, 61-9	7.2	5
22	Cellular and bacterial profiles associated with oral epithelium-microbiota interactions. *Periodontology 2000*, **2010**, 52, 207-17	12.9	5
21	Involvement of calcium in interactions between gingival epithelial cells and Porphyromonas gingivalis		5
20	Regulation of olfactomedin 4 by Porphyromonas gingivalis in a community context. *ISME Journal*, **2021**, 15, 2627-2642	11.9	5
19	A bacterial tyrosine phosphatase modulates cell proliferation through targeting RGCC. *PLoS Pathogens*, **2021**, 17, e1009598	7.6	4
18	Identification and characterization of a UbK family kinase in Porphyromonas gingivalis that phosphorylates the RprY response regulator. *Molecular Oral Microbiology*, **2021**, 36, 258-266	4.6	4
17	Role of Porphyromonas gingivalis in oral and orodigestive squamous cell carcinoma.. *Periodontology 2000*, **2022**,	12.9	4
16	Porphyromonas gingivalis genes conferring fitness in a tobacco-rich environment. *Molecular Oral Microbiology*, **2020**, 35, 10-18	4.6	3
15	Hydrogen peroxide is a central determinant of oral polymicrobial synergy. *Environmental Microbiology*, **2016**, 18, 3609-3611	5.2	3
14	Phosphorylation of major Porphyromonas gingivalis virulence factors is crucial for their processing and secretion. *Molecular Oral Microbiology*, **2021**, 36, 316-326	4.6	3
13	TLR2 Activation by Requires Both PPAD Activity and Fimbriae.. *Frontiers in Immunology*, **2022**, 13, 823685	8.4	3
12	A unique bacterial secretion machinery with multiple secretion centers.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2119907119	11.5	3
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10	Microbiome-mediated incapacitation of interferon lambda production in the oral mucosa.. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	2
9	Removing Journal Impact Factors. *MBio*, **2017**, 8,	7.8	1
8	A quantitative framework reveals traditional laboratory growth is a highly accurate model of human oral infection.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119,	11.5	1
7	Subversion of Lipopolysaccharide Signaling in Gingival Keratinocytes via MCPIP-1 Degradation as a Novel Pathogenic Strategy of Inflammophilic Pathobionts. *MBio*, **2021**, 12, e0050221	7.8	1
6	The polymicrobial synergy and dysbiosis model of periodontal disease pathogenesis **2016**, 227-242		0
5	Proteolytic Activity-Independent Activation of the Immune Response by Gingipains from Porphyromonas gingivalis.. *MBio*, **2022**, e0378721	7.8	0
4	Porphyromonas gingivalis Tyrosine Kinase Is a Fitness Determinant in Polymicrobial Infections.. *Infection and Immunity*, **2022**, e0017022	3.7	0
3	Bacterial Peptides Targeting Periodontal Pathogens in Communities **2020**, 175-186		
2	Controlling Porphyromonas gingivalis requires Vim. *Microbiology (United Kingdom)*, **2010**, 156, 1907-1908	2.9	
1	The Oral Microbial Ecosystem and Beyond1-17		