

# martine Bonnaure-Mallet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/102842/publications.pdf>

Version: 2024-02-01

110  
papers

3,614  
citations

172207

29  
h-index

155451

55  
g-index

117  
all docs

117  
docs citations

117  
times ranked

5495  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Roseburia</i> spp.: a marker of health?. <i>Future Microbiology</i> , 2017, 12, 157-170.	1.0	483
2	Emergence of resistance to antibacterial agents: the role of quaternary ammonium compounds—a critical review. <i>International Journal of Antimicrobial Agents</i> , 2012, 39, 381-389.	1.1	448
3	Periodontitis induced by <i>Porphyromonas gingivalis</i> drives periodontal microbiota dysbiosis and insulin resistance via an impaired adaptive immune response. <i>Gut</i> , 2017, 66, 872-885.	6.1	210
4	Biofilms as a mechanism of bacterial resistance. <i>Drug Discovery Today: Technologies</i> , 2014, 11, 49-56.	4.0	130
5	<i>Porphyromonas gingivalis</i> Participates in Pathogenesis of Human Abdominal Aortic Aneurysm by Neutrophil Activation. Proof of Concept in Rats. <i>PLoS ONE</i> , 2011, 6, e18679.	1.1	125
6	Antimicrobial treatment of Capnocytophaga infections. <i>International Journal of Antimicrobial Agents</i> , 2007, 29, 367-373.	1.1	116
7	Efflux pump induction by quaternary ammonium compounds and fluoroquinolone resistance in bacteria. <i>Future Microbiology</i> , 2016, 11, 81-92.	1.0	96
8	Signature of Microbial Dysbiosis in Periodontitis. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	91
9	Bacterial hypermutation: clinical implications. <i>Journal of Medical Microbiology</i> , 2011, 60, 563-573.	0.7	81
10	Evaluation of root canal bacteria and their antimicrobial susceptibility in teeth with necrotic pulp. <i>Oral Microbiology and Immunology</i> , 1997, 12, 318-322.	2.8	76
11	Association of Anti- <i>Porphyromonas gingivalis</i> Antibody Titers With Nonsmoking Status in Early Rheumatoid Arthritis: Results From the Prospective French Cohort of Patients With Early Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2015, 67, 1729-1737.	2.9	61
12	An evaluation of the CO2 laser for endodontic disinfection. <i>Journal of Endodontics</i> , 1999, 25, 105-108.	1.4	55
13	Effect of higher minimum inhibitory concentrations of quaternary ammonium compounds in clinical <i>E. coli</i> isolates on antibiotic susceptibilities and clinical outcomes. <i>Journal of Hospital Infection</i> , 2011, 79, 141-146.	1.4	46
14	Genotypic characterization of <i>Porphyromonas gingivalis</i> isolated from subgingival plaque and blood sample in positive bacteremia subjects with periodontitis. <i>Journal of Clinical Periodontology</i> , 2008, 35, 748-753.	2.3	43
15	Expression patterns of genes induced by oxidative stress in <i>Porphyromonas gingivalis</i> . <i>Oral Microbiology and Immunology</i> , 2008, 23, 308-314.	2.8	42
16	Molecular mechanisms of higher MICs of antibiotics and quaternary ammonium compounds for <i>Escherichia coli</i> isolated from bacteraemia. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2837-2842.	1.3	40
17	Assessment of Internalization and Viability of <i>Porphyromonas gingivalis</i> in KB Epithelial Cells by Confocal Microscopy. <i>Infection and Immunity</i> , 2001, 69, 7146-7151.	1.0	39
18	Evaluation of the in vitro biocompatibility of various elastomers. <i>Biomaterials</i> , 1999, 20, 291-299.	5.7	38

#	ARTICLE	IF	CITATIONS
19	Evaluation of the cytocompatibility of three endodontic materials. <i>Journal of Endodontics</i> , 1999, 25, 419-423.	1.4	38
20	High prevalence of $\beta$ -lactam and macrolide resistance genes in human oral Capnocytophaga species. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 381-384.	1.3	37
21	In Vitro Susceptibilities of Capnocytophaga Isolates to $\beta$ -Lactam Antibiotics and $\beta$ -Lactamase Inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 3186-3188.	1.4	35
22	Putative respiratory chain of <i>Porphyromonas gingivalis</i> . <i>Future Microbiology</i> , 2010, 5, 717-734.	1.0	35
23	Microbiology of mandibular third molar pericoronitis: Incidence of $\beta$ -lactamase-producing bacteria. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2003, 95, 655-659.	1.6	33
24	Virulence of viable but nonculturable <i>S. Typhimurium</i> LT2 after peracetic acid treatment. <i>International Journal of Food Microbiology</i> , 2006, 112, 147-152.	2.1	33
25	Multicenter Randomized Trial of Chewing Gum For Preventing Oral Mucositis in Children Receiving Chemotherapy. <i>Journal of Pediatric Hematology/Oncology</i> , 2007, 29, 86-94.	0.3	33
26	In vitro evaluation of the retention of three species of pathogenic microorganisms by three different types of toothbrush. <i>Oral Microbiology and Immunology</i> , 2000, 15, 313-316.	2.8	32
27	Evaluation of the Mandibular Third Molar Pericoronitis Flora and Its Susceptibility to Different Antibiotics Prescribed in France. <i>Journal of Clinical Microbiology</i> , 2003, 41, 5794-5797.	1.8	31
28	Novel missense, insertion and deletion mutations in the neurotrophic tyrosine kinase receptor type 1 gene (NTRK1) associated with congenital insensitivity to pain with anhidrosis. <i>Neuromuscular Disorders</i> , 2008, 18, 159-166.	0.3	31
29	<i>T. reponema denticola</i> improves adhesive capacities of <i>P. orphyromonas gingivalis</i> . <i>Molecular Oral Microbiology</i> , 2013, 28, 40-53.	1.3	31
30	Oral Gram-negative anaerobic bacilli as a reservoir of $\beta$ -lactam resistance genes facilitating infections with multiresistant bacteria. <i>International Journal of Antimicrobial Agents</i> , 2015, 45, 99-105.	1.1	31
31	Influence of job seniority, hand hygiene education, and patient-to-nurse ratio on hand disinfection compliance. <i>Journal of Hospital Infection</i> , 2010, 76, 32-35.	1.4	29
32	Colocalization of <i>Porphyromonas gingivalis</i> with CD4+ T cells in periodontal disease. <i>FEMS Immunology and Medical Microbiology</i> , 2012, 64, 175-183.	2.7	28
33	Changes in extracellular matrix macromolecules in human gingiva after treatment with drugs inducing gingival overgrowth. <i>Archives of Oral Biology</i> , 1995, 40, 393-400.	0.8	27
34	Fimbriae and the hemagglutinating adhesin HA-Ag2 mediate adhesion of <i>Porphyromonas gingivalis</i> to epithelial cells. <i>Infection and Immunity</i> , 1997, 65, 3875-3881.	1.0	27
35	Evaluation of the capacity of the SCGE assay to assess the genotoxicity of biomaterials. <i>Biomaterials</i> , 2001, 22, 1795-1801.	5.7	25
36	The Antibacterial Activity of Tramadol Against Bacteria Associated with Infectious Complications After Local or Regional Anesthesia. <i>Anesthesia and Analgesia</i> , 2007, 105, 524-527.	1.1	25

#	ARTICLE	IF	CITATIONS
37	Capnocytophaga spp. involvement in bone infections: a review. International Journal of Antimicrobial Agents, 2013, 41, 509-515.	1.1	25
38	Effect of Porphyromonas gingivalis on epithelial cell MMP-9 type IV collagenase production. Infection and Immunity, 1996, 64, 4940-4945.	1.0	25
39	Genetic Analysis of an Ambler Class A Extended-Spectrum Beta-Lactamase from Capnocytophaga ochracea. Journal of Clinical Microbiology, 2004, 42, 888-890.	1.8	24
40	Antibacterial activities of natural lichen compounds against Streptococcus gordonii and Porphyromonas gingivalis. F&Aotterap&Aç, 2017, 121, 164-169.	1.1	24
41	A new mathematical model of bacterial interactions in two-species oral biofilms. PLoS ONE, 2017, 12, e0173153.	1.1	24
42	Distribution of mutation frequencies among Salmonella enterica isolates from animal and human sources and genetic characterization of a Salmonella Heidelberg hypermutator. Veterinary Microbiology, 2009, 137, 306-312.	0.8	23
43	Infantile osteopetrosis: a case report on dental findings. Journal of Oral Pathology and Medicine, 1992, 21, 422-425.	1.4	22
44	Oral pathoses caused by Candida albicans during chemotherapy. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1996, 82, 161-165.	1.6	21
45	Benefits of sea buckthorn (<i>Hippophae rhamnoides</i>) pulp oil&€based mouthwash on oral health. Journal of Applied Microbiology, 2019, 126, 1594-1605.	1.4	21
46	Oral Health Disorders in Parkinson&™s Disease: More than Meets the Eye. Journal of Parkinson's Disease, 2021, 11, 1507-1535.	1.5	21
47	Development of SNAP-tag-mediated live cell labeling as an alternative to GFP in<i>Porphyromonas gingivalis</i>. FEMS Immunology and Medical Microbiology, 2010, 59, 357-363.	2.7	20
48	Distribution of Porphyromonas gingivalis fimA genotypes in isolates from subgingival plaque and blood sample during bacteremia. Biomedica, 2009, 29, 298-306.	0.3	20
49	Inactivation of the LysR regulator Cj1000 of Campylobacter jejuni affects host colonization and respiration. Microbiology (United Kingdom), 2013, 159, 1165-1178.	0.7	19
50	Increased transferrin saturation is associated with subgingival microbiota dysbiosis and severe periodontitis in genetic haemochromatosis. Scientific Reports, 2018, 8, 15532.	1.6	19
51	Porphyromonas gingivalis outside the oral cavity. Odontology / the Society of the Nippon Dental University, 2022, 110, 1-19.	0.9	19
52	In vitro study of the effect of titanium on Porphyromonas gingivalis in the presence of metronidazole and spiramycin. Biomaterials, 2001, 22, 3067-3072.	5.7	18
53	Epithelial Cell Surface Sites Involved in the Polyvalent Adherence of Porphyromonas gingivalis : a Convincing Role for Neuraminic Acid and Glucuronic Acid. Infection and Immunity, 2003, 71, 991-996.	1.0	18
54	Distribuci&sup3n de los genotipos de fimA en cepas de Porphyromonas gingivalis aisladas de placas subgingivales y de sangre durante bacteriemias. Biomedica, 2009, 29, 298.	0.3	18

#	ARTICLE	IF	CITATIONS
55	Impact of surgical site infection surveillance in a neurosurgical unit. <i>Journal of Hospital Infection</i> , 2011, 77, 352-355.	1.4	18
56	Silver-Zeolite Combined to Polyphenol-Rich Extracts of <i>Ascophyllum nodosum</i> : Potential Active Role in Prevention of Periodontal Diseases. <i>PLoS ONE</i> , 2014, 9, e105475.	1.1	18
57	The Cytochrome bd Oxidase of <i>Porphyromonas gingivalis</i> Contributes to Oxidative Stress Resistance and Dioxygen Tolerance. <i>PLoS ONE</i> , 2015, 10, e0143808.	1.1	18
58	Adherence of <i>Porphyromonas gingivalis</i> to epithelial cells, analysis by flow cytometry. <i>European Journal of Oral Sciences</i> , 1998, 106, 938-944.	0.7	17
59	Multidrug-resistant oral <i>Capnocytophaga gingivalis</i> responsible for an acute exacerbation of chronic obstructive pulmonary disease: Case report and literature review. <i>Anaerobe</i> , 2016, 42, 50-54.	1.0	17
60	Sufentanil modifies the antibacterial activity of bupivacaine and ropivacaine. <i>Canadian Journal of Anaesthesia</i> , 2004, 51, 911-914.	0.7	16
61	Design, synthesis and biological evaluation of potential antibacterial butyrolactones. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5823-5833.	1.4	16
62	In vitro study of intradental calcium diffusion induced by two endodontic biomaterials. <i>Journal of Endodontics</i> , 1997, 23, 387-390.	1.4	15
63	<i>Capnocytophaga</i> in the dental plaque of immunocompromised children with cancer. <i>International Journal of Paediatric Dentistry</i> , 2006, 16, 75-80.	1.0	15
64	Prevalence of oropharyngeal beta-lactamase-producing <i>Capnocytophaga</i> spp. in pediatric oncology patients over a ten-year period. <i>BMC Infectious Diseases</i> , 2005, 5, 32.	1.3	14
65	CASA Chromogenic Medium for Enteric <i>Campylobacter</i> Species. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3675-3677.	1.8	14
66	Oral dysbiosis induced by <i>Porphyromonas gingivalis</i> is strain-dependent in mice. <i>Journal of Oral Microbiology</i> , 2020, 12, 1832837.	1.2	14
67	Role of DNA gyrase and topoisomerase IV mutations in fluoroquinolone resistance of <i>Capnocytophaga</i> spp. clinical isolates and laboratory mutants. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2208-2212.	1.3	13
68	An ultrastructural study of the smear layer: Comparative aspects using secondary electron image and backscattered electron image. <i>Journal of Endodontics</i> , 1994, 20, 531-534.	1.4	12
69	Periodontal status and serum biomarker levels in HFE haemochromatosis patients. A case-series study. <i>Journal of Clinical Periodontology</i> , 2017, 44, 892-897.	2.3	12
70	<i>fimA</i> genotypes and PFGE profile patterns in <i>Porphyromonas gingivalis</i> isolates from subjects with periodontitis. <i>Oral Microbiology and Immunology</i> , 2009, 24, 423-426.	2.8	11
71	Periodontal pathogens and clinical parameters in chronic periodontitis. <i>Molecular Oral Microbiology</i> , 2020, 35, 19-28.	1.3	11
72	Serum Antibodies to <i>Porphyromonas gingivalis</i> in Children. <i>Journal of Periodontology</i> , 1995, 66, 369-376.	1.7	10

#	ARTICLE	IF	CITATIONS
73	An ultrastructural study of root canal walls in contact with endodontic biomaterials. <i>Journal of Endodontics</i> , 1997, 23, 327-330.	1.4	10
74	Antibiotic content of selective culture media for isolation of <i>Capnocytophaga</i> species from oral polymicrobial samples. <i>Letters in Applied Microbiology</i> , 2013, 57, 303-309.	1.0	10
75	Screening for prevalence and abundance of <i>Capnocytophaga spp</i> by analyzing NGS data: A scoping review. <i>Oral Diseases</i> , 2021, 27, 1621-1630.	1.5	10
76	Role of a short tandem leucine/arginine repeat in strong mutator phenotype acquisition in a clinical isolate of <i>Salmonella</i> Typhimurium. <i>FEMS Microbiology Letters</i> , 2013, 338, 101-106.	0.7	9
77	Treponema, Iron and Neurodegeneration. <i>Current Alzheimer Research</i> , 2018, 15, 716-722.	0.7	9
78	Acute tenosynovitis of the ankle due to <i>Capnocytophaga cynodegmi/animorsus</i> as identified by 16S rRNA gene sequencing. <i>Joint Bone Spine</i> , 2008, 75, 749-751.	0.8	8
79	Complete Genome Sequence of the Strong Mutator <i>Salmonella enterica</i> subsp. <i>enterica</i> Serotype Heidelberg Strain B182. <i>Journal of Bacteriology</i> , 2012, 194, 3537-3538.	1.0	8
80	Impact of a mutator phenotype on motility and cell adherence in <i>Salmonella</i> Heidelberg. <i>Veterinary Microbiology</i> , 2012, 159, 99-106.	0.8	8
81	Elastin derived peptides protect elastic fibres degradation by human neutrophil elastase: in vitro and in vivo studies using a mechanically induced rat gingival inflammatory model. <i>Journal of Periodontal Research</i> , 1995, 30, 58-65.	1.4	7
82	cfxA expression in oral clinical <i>Capnocytophaga</i> isolates. <i>Anaerobe</i> , 2015, 35, 68-71.	1.0	7
83	Periodontal reconstruction by heparan sulfate mimetic-based matrix therapy in <i>Porphyromonas gingivalis</i> -infected mice. <i>Heliyon</i> , 2018, 4, e00719.	1.4	7
84	Interactions between oral commensal <i>Candida</i> and oral bacterial communities in immunocompromised and healthy children. <i>Journal De Mycologie Medicale</i> , 2019, 29, 223-232.	0.7	7
85	The events that may contribute to subgingival dysbiosis: a focus on the interplay between iron, sulfide and oxygen. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	7
86	Influence of previous antimicrobial therapy on oral carriage of beta-lactamase producing <i>Capnocytophaga</i> isolates. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2008, 97, 964-967.	0.7	6
87	Is biofilm formation related to the hypermutator phenotype in clinical <i>Enterobacteriaceae</i> isolates?. <i>FEMS Microbiology Letters</i> , 2013, 347, n/a-n/a.	0.7	6
88	Gingival biopsy in diagnosis of inborn storage diseases: a case of aspartylglycosaminuria. <i>Journal of Oral Pathology and Medicine</i> , 1991, 20, 237-240.	1.4	5
89	Influence of peracetic acid on adhesion/invasion of <i>Salmonella enterica</i> serotype typhimurium LT2. <i>Cell Biology and Toxicology</i> , 2003, 19, 83-93.	2.4	5
90	An Unusual Oral Chronic Graft-Versus-Host Disease-Like Syndrome Following a Liver Transplant. <i>Journal of Periodontology</i> , 2003, 74, 552-556.	1.7	5

#	ARTICLE	IF	CITATIONS
91	Dental abnormalities and preventive oral care in Schimke immuno-osseous dysplasia. <i>European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry</i> , 2014, 15, 217-221.	0.7	5
92	Evaluation of a new toothbrush concept with regard to bacterial elimination. Imprint study using scanning electron microscopy. <i>Journal of Clinical Periodontology</i> , 1994, 21, 347-350.	2.3	4
93	Gingival biopsy in the diagnosis of giant axonal neuropathy. <i>Journal of Oral Pathology and Medicine</i> , 1995, 24, 89-92.	1.4	4
94	Cytotoxic effect of vesicles produced by <i>Porphyromonas gingivalis</i> on fibroblasts in culture. <i>Journal of Periodontal Research</i> , 1995, 30, 141-143.	1.4	4
95	Hypermutator <i>Salmonella Heidelberg</i> induces an early cell death in epithelial cells. <i>Veterinary Microbiology</i> , 2015, 180, 65-74.	0.8	4
96	Genetic determinants associated with cfxA-positive clinical <i>Capnocytophaga</i> isolates. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 356-358.	1.1	4
97	New growth media for oral bacteria. <i>Journal of Microbiological Methods</i> , 2018, 153, 10-13.	0.7	4
98	Adhesion of <i>Staphylococcus aureus</i> to epithelial cells: an in vitro approach to study interactions within the nasal microbiota. <i>Journal of Medical Microbiology</i> , 2020, 69, 1253-1261.	0.7	4
99	Peracetic acid stress-induced genetic rearrangements in <i>Escherichia coli</i> H10407 detected by RAPD and RFLP analyses. <i>Microbiological Research</i> , 2006, 161, 164-168.	2.5	3
100	Evaluation of matrix-assisted laser desorption ionization-time of flight mass spectrometry for identification of human oral <i>Capnocytophaga</i> species. <i>Anaerobe</i> , 2017, 48, 89-93.	1.0	3
101	Gender inequality among medical, pharmaceutical and dental practitioners in French hospitals: Where have we been and where are we now?. <i>PLoS ONE</i> , 2021, 16, e0254311.	1.1	3
102	An ultrastructural study of debris retention by endodontic reamers. <i>Journal of Endodontics</i> , 1995, 21, 358-361.	1.4	2
103	Neuroblastoma and tooth abnormalities: A common history?. <i>Oral Oncology</i> , 2013, 49, e11-e13.	0.8	2
104	A case of tricuspid valve endocarditis due to <i>Cardiobacterium hominis</i> which emphasizes the shift between the poverty of clinical symptoms and the severity of cardiac damages. <i>Annales De Biologie Clinique</i> , 2016, 74, 693-696.	0.2	2
105	Strong mutator phenotype drives faster adaptation from growth on glucose to growth on acetate in <i>Salmonella</i> . <i>Microbiology (United Kingdom)</i> , 2014, 160, 2264-2271.	0.7	1
106	Method for screening antimicrobial gels against multi-species oral biofilms. <i>Journal of Microbiological Methods</i> , 2021, 187, 106253.	0.7	1
107	Microbiota in Periodontitis: Advances in the Omic Era. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 19-43.	0.8	1
108	Ultrastructural Features of Sensory Receptors in Gingiva of New-Born Rats. <i>Cells Tissues Organs</i> , 1986, 126, 147-149.	1.3	0

#	ARTICLE	IF	CITATIONS
109	Improved visualization of elastic and pre-elastic fibres with procyanidolic oligomers in the gingiva. Micron and Microscopica Acta, 1988, 19, 235-239.	0.2	0
110	Gingival organotypic culture and langerhans cells: A tool for immunotoxicologic experiments. Journal of Biomedical Materials Research Part B, 2004, 68A, 257-263.	3.0	0