Paul D Veith

List of Publications by Year
in descending order

61 papers	3,090 citations	147801 31 h-index	161849 54 g-index
61 all docs	61 docs citations	61 times ranked	2331 citing authors

#	Article	IF	Citations
1	Porphyromonas gingivalis Outer Membrane Vesicles Exclusively Contain Outer Membrane and Periplasmic Proteins and Carry a Cargo Enriched with Virulence Factors. Journal of Proteome Research, 2014, 13, 2420-2432.	3.7	207
2	Porphyromonas gingivalis Gingipains: The Molecular Teeth of a Microbial Vampire. Current Protein and Peptide Science, 2003, 4, 409-426.	1.4	158
3	The RgpB C-Terminal Domain Has a Role in Attachment of RgpB to the Outer Membrane and Belongs to a Novel C-Terminal-Domain Family Found in Porphyromonas gingivalis. Journal of Bacteriology, 2006, 188, 6376-6386.	2.2	136
4	Identification of a New Membrane-associated Protein That Influences Transport/Maturation of Gingipains and Adhesins of Porphyromonas gingivalis. Journal of Biological Chemistry, 2005, 280, 8668-8677.	3.4	135
5	PG0026 Is the C-terminal Signal Peptidase of a Novel Secretion System of Porphyromonas gingivalis. Journal of Biological Chemistry, 2012, 287, 24605-24617.	3.4	128
6	Protein Substrates of a Novel Secretion System Are Numerous in the Bacteroidetes Phylum and Have in Common a Cleavable C-Terminal Secretion Signal, Extensive Post-Translational Modification, and Cell-Surface Attachment. Journal of Proteome Research, 2013, 12, 4449-4461.	3.7	120
7	The outer membrane protein LptO is essential for the Oâ€deacylation of LPS and the coâ€ordinated secretion and attachment of Aâ€LPS and CTD proteins in Porphyromonas gingivalis. Molecular Microbiology, 2011, 79, 1380-1401.	2.5	116
8	Major outer membrane proteins and proteolytic processing of RgpA and Kgp of Porphyromonas gingivalis W50. Biochemical Journal, 2002, 363, 105-115.	3.7	113
9	Type IX secretion: the generation of bacterial cell surface coatings involved in virulence, gliding motility and the degradation of complex biopolymers. Molecular Microbiology, 2017, 106, 35-53.	2.5	112
10	An Immune Response Directed to Proteinase and Adhesin Functional Epitopes Protects againstPorphyromonas gingivalis-Induced Periodontal Bone Loss. Journal of Immunology, 2005, 175, 3980-3989.	0.8	99
11	Antigens of bacteria associated with periodontitis. Periodontology 2000, 2004, 35, 101-134.	13.4	93
12	Porphyromonas gingivalis Type IX Secretion Substrates Are Cleaved and Modified by a Sortase-Like Mechanism. PLoS Pathogens, 2015, 11, e1005152.	4.7	86
13	A Novel Porphyromonas gingivalis FeoB Plays a Role in Manganese Accumulation. Journal of Biological Chemistry, 2005, 280, 28095-28102.	3.4	81
14	Major outer membrane proteins and proteolytic processing of RgpA and Kgp of Porphyromonas gingivalis W50. Biochemical Journal, 2002, 363, 105.	3.7	78
15	Outer Membrane Proteome and Antigens of Tannerella forsythia. Journal of Proteome Research, 2009, 8, 4279-4292.	3.7	71
16	A Review of the Salivary Proteome and Peptidome and Saliva-derived Peptide Therapeutics. International Journal of Peptide Research and Therapeutics, 2007, 13, 547-564.	1.9	70
17	Mass Spectrometric Analyses of Peptides and Proteins in Human Gingival Crevicular Fluid. Journal of Proteome Research, 2010, 9, 1683-1693.	3.7	70
18	Characterization of proteinaseâ€“adhesin complexes of Porphyromonas gingivalis. Microbiology (United Kingdom), 2006, 152, 2381-2394.	1.8	68

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19	Structural Insights into the PorK and PorN Components of the Porphyromonas gingivalis Type IX Secretion System. PLoS Pathogens, 2016, 12, e1005820.	4.7	67
20	Response of Porphyromonas gingivalis to Heme Limitation in Continuous Culture. Journal of Bacteriology, 2009, 191, 1044-1055.	2.2	65
21	C-Terminal Domain Residues Important for Secretion and Attachment of RgpB in Porphyromonas gingivalis. Journal of Bacteriology, 2011, 193, 132-142.	2.2	52
22	Lactoferrin Inhibits Porphyromonas gingivalis Proteinases and Has Sustained Biofilm Inhibitory Activity. Antimicrobial Agents and Chemotherapy, 2012, 56, 1548-1556.	3.2	52
23	PorV is an Outer Membrane Shuttle Protein for the Type IX Secretion System. Scientific Reports, 2017, 7, 8790.	3.3	51
24	The Type IX Secretion System: Advances in Structure, Function and Organisation. Microorganisms, 2020, 8, 1173.	3.6	49
25	Application of ¹⁶O/¹⁸O reverse proteolytic labeling to determine the effect of biofilm culture on the cell envelope proteome of Porphyromonas gingivalis W50. Proteomics, 2008, 8, 1645-1660.	2.2	48
26	Combined Proteomic and Transcriptomic Interrogation of the Venom Gland of Conus geographus Uncovers Novel Components and Functional Compartmentalization. Molecular and Cellular Proteomics, 2014, 13, 938-953.	3.8	46
27	Gingival crevicular fluid proteomes in health, gingivitis and chronic periodontitis. Journal of Periodontal Research, 2015, 50, 637-649.	2.7	45
28	Identification of a novel heterodimeric outer membrane protein ofPorphyromonas gingivalisby two-dimensional gel electrophoresis and peptide mass fingerprinting. FEBS Journal, 2001, 268, 4748-4757.	0.2	44
29	Major proteins and antigens of Treponema denticola. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 1421-1432.	2.3	37
30	Tannerella forsythia Outer Membrane Vesicles Are Enriched with Substrates of the Type IX Secretion System and TonB-Dependent Receptors. Journal of Proteome Research, 2015, 14, 5355-5366.	3.7	35
31	Differential Proteomic Analysis of a Polymicrobial Biofilm. Journal of Proteome Research, 2012, 11, 4449-4464.	3.7	34
32	Outer Membrane Vesicle Proteome of Porphyromonas gingivalis Is Differentially Modulated Relative to the Outer Membrane in Response to Heme Availability. Journal of Proteome Research, 2018, 17, 2377-2389.	3.7	34
33	PG1058 Is a Novel Multidomain Protein Component of the Bacterial Type IX Secretion System. PLoS ONE, 2016, 11, e0164313.	2.5	33
34	Vaccination with recombinant adhesins from the RgpAâ€“Kgp proteinaseâ€“adhesin complex protects against Porphyromonas gingivalis infection. Vaccine, 2006, 24, 6542-6554.	3.8	32
35	Mass spectrometric analysis of gingival crevicular fluid biomarkers can predict periodontal disease progression. Journal of Periodontal Research, 2013, 48, 331-341.	2.7	31
36	Blue native-PAGE analysis of membrane protein complexes in Porphyromonas gingivalis. Journal of Proteomics, 2014, 110, 72-92.	2.4	30

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37	Pancreatic Beta Cells Are Highly Susceptible to Oxidative and ER Stresses during the Development of Diabetes. Journal of Proteome Research, 2015, 14, 688-699.	3.7	30
38	The Role of Treponema denticola Motility in Synergistic Biofilm Formation With Porphyromonas gingivalis. Frontiers in Cellular and Infection Microbiology, 2019, 9, 432.	3.9	29
39	Porphyromonas gingivalis RgpA and Kgp Proteinases and Adhesins Are C Terminally Processed by the Carboxypeptidase CPG70. Infection and Immunity, 2004, 72, 3655-3657.	2.2	28
40	Lysine acetylation is a common post-translational modification of key metabolic pathway enzymes of the anaerobe Porphyromonas gingivalis. Journal of Proteomics, 2015, 128, 352-364.	2.4	28
41	Type IX Secretion System Cargo Proteins Are Glycosylated at the C Terminus with a Novel Linking Sugar of the Wbp/Vim Pathway. MBio, 2020, 11, .	4.1	24
42	Porphyromonas gingivalis-derived RgpA-Kgp Complex Activates the Macrophage Urokinase Plasminogen Activator System. Journal of Biological Chemistry, 2015, 290, 16031-16042.	3.4	21
43	The Interactions of CPPâ€“ACP with Saliva. International Journal of Molecular Sciences, 2016, 17, 915.	4.1	21
44	Extracellular proteomes of Mâ€CSF (CSFâ€1) and GMâ€CSFâ€dependent macrophages. Immunology and Cell Biology, 2011, 89, 283-293.	2.3	20
45	Association of bovine dentine phosphophoryn with collagen fragments. Archives of Oral Biology, 2005, 50, 807-819.	1.8	16
46	The Bacteroidetes Q-Rule: Pyroglutamate in Signal Peptidase I Substrates. Frontiers in Microbiology, 2018, 9, 230.	3.5	16
47	Protein Interactome Analysis of the Type IX Secretion System Identifies PorW as the Missing Link between the PorK/N Ring Complex and the Sov Translocon. Microbiology Spectrum, 2022, 10, e0160221.	3.0	15
48	Inhibition of Porphyromonas gingivalis Biofilm by Oxantel. Antimicrobial Agents and Chemotherapy, 2010, 54, 1311-1314.	3.2	14
49	Towards second-generation proteome analysis of murine enamel-forming cells. European Journal of Oral Sciences, 2006, 114, 259-265.	1.5	12
50	IL-36Î³ regulates mediators of tissue homeostasis in epithelial cells. Cytokine, 2019, 119, 24-31.	3.2	11
51	Localization of Outer Membrane Proteins in Treponema denticola by Quantitative Proteome Analyses of Outer Membrane Vesicles and Cellular Fractions. Journal of Proteome Research, 2019, 18, 1567-1581.	3.7	11
52	Characterization of the O-Glycoproteome of Porphyromonas gingivalis. Microbiology Spectrum, 2022, 10, e0150221.	3.0	11
53	A novel transposon construct expressing PhoA with potential for studying protein expression and translocation in Mycoplasma gallisepticum. BMC Microbiology, 2012, 12, 138.	3.3	10
54	Quantitative proteomic analysis of the type IX secretion system mutants in Porphyromonas gingivalis. Molecular Oral Microbiology, 2020, 35, 78-84.	2.7	10

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55	Towards defining the outer membrane proteome of Porphyromonas gingivalis. Molecular Oral Microbiology, 2021, 36, 25-36.	2.7	10
56	Porphyromonas gingivalis Gingipains Display Transpeptidation Activity. Journal of Proteome Research, 2018, 17, 2803-2818.	3.7	9
57	Type B CTD Proteins Secreted by the Type IX Secretion System Associate with PorP-like Proteins for Cell Surface Anchorage. International Journal of Molecular Sciences, 2022, 23, 5681.	4.1	8
58	Characterization of the O-Glycoproteome of Tannerella forsythia. MSphere, 2021, 6, e0064921.	2.9	5
59	Complementation in trans of Porphyromonas gingivalis Lipopolysaccharide Biosynthetic Mutants Demonstrates Lipopolysaccharide Exchange. Journal of Bacteriology, 2021, 203, .	2.2	3
60	Characterisation of the Porphyromonas gingivalis Manganese Transport Regulator Orthologue. PLoS ONE, 2016, 11, e0151407.	2.5	1
61	Structural Characterization of the Type IX Secretion System in Porphyromonas gingivalis. Methods in Molecular Biology, 2021, 2210, 113-121.	0.9	1