

# Gernot Posselt

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,172  
citations

471371

17  
h-index

377752

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Collagenase Q1 of <i>Bacillus cereus</i> as a Novel Antivirulence Strategy for the Treatment of Skin Wound Infections. <i>Advanced Therapeutics</i> , 2022, 5, 2100222.	1.6	4
2	Proteolytic Landscapes in Gastric Pathology and Cancerogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2419.	1.8	5
3	E-Cadherin Orthologues as Substrates for the Serine Protease High Temperature Requirement A (HtrA). <i>Biomolecules</i> , 2022, 12, 356.	1.8	1
4	Beyond the gastric epithelium – the paradox of <i>Helicobacter pylori</i> -induced immune responses. <i>Current Opinion in Immunology</i> , 2022, 76, 102208.	2.4	2
5	<i>Helicobacter pylori</i> CagA EPIYA Motif Variations Affect Metabolic Activity in B Cells. <i>Toxins</i> , 2021, 13, 592.	1.5	1
6	Identification of Desmoglein-2 as a novel target of <i>Helicobacter pylori</i> HtrA in epithelial cells. <i>Cell Communication and Signaling</i> , 2021, 19, 108.	2.7	9
7	<i>H. pylori</i> modulates DC functions via T4SS/TNF $\alpha$ /p38-dependent SOCS3 expression. <i>Cell Communication and Signaling</i> , 2020, 18, 160.	2.7	14
8	Dissecting the <i>Helicobacter pylori</i> -regulated transcriptome of B cells. <i>Pathogens and Disease</i> , 2020, 78, .	0.8	6
9	<i>Helicobacter pylori</i> -Derived Outer Membrane Vesicles (OMVs): Role in Bacterial Pathogenesis?. <i>Microorganisms</i> , 2020, 8, 1328.	1.6	36
10	Morphing of Amphipathic Helices to Explore the Activity and Selectivity of Membranolytic Antimicrobial Peptides. <i>Biochemistry</i> , 2020, 59, 3772-3781.	1.2	4
11	TLR2, TLR4 and TLR10 Shape the Cytokine and Chemokine Release of <i>H. pylori</i> -Infected Human DCs. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3897.	1.8	25
12	A novel FRET peptide assay reveals efficient <i>Helicobacter pylori</i> HtrA inhibition through zinc and copper binding. <i>Scientific Reports</i> , 2020, 10, 10563.	1.6	19
13	Tyrosine Kinases in <i>Helicobacter pylori</i> Infections and Gastric Cancer. <i>Toxins</i> , 2019, 11, 591.	1.5	13
14	The proteolytic activity of <i>Listeria monocytogenes</i> HtrA. <i>BMC Microbiology</i> , 2019, 19, 255.	1.3	8
15	<i>Helicobacter pylori</i> -controlled c-Abl localization promotes cell migration and limits apoptosis. <i>Cell Communication and Signaling</i> , 2019, 17, 10.	2.7	17
16	Nanoparticle binding attenuates the pathobiology of gastric cancer-associated <i>Helicobacter pylori</i> . <i>Nanoscale</i> , 2018, 10, 1453-1463.	2.8	45
17	Hybrid Network Model for “Deep Learning” of Chemical Data: Application to Antimicrobial Peptides. <i>Molecular Informatics</i> , 2017, 36, 1600011.	1.4	39
18	Peptide-Membrane Interaction between Targeting and Lysis. <i>ACS Chemical Biology</i> , 2017, 12, 2254-2259.	1.6	12

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19	Rational Design of Membrane-Pore-Forming Peptides. <i>Small</i> , 2017, 13, 1701316.	5.2	24
20	Oxidative Phosphorylation System in Gastric Carcinomas and Gastritis. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-14.	1.9	20
21	Proteolysis in Helicobacter pylori-Induced Gastric Cancer. <i>Toxins</i> , 2017, 9, 134.	1.5	27
22	Multi-Approach Analysis for the Identification of Proteases within Birch Pollen. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1433.	1.8	18
23	Cloning, Purification and Characterization of the Collagenase ColA Expressed by Bacillus cereus ATCC 14579. <i>PLoS ONE</i> , 2016, 11, e0162433.	1.1	17
24	CagA Phosphorylation in Helicobacter pylori-Infected B Cells Is Mediated by the Nonreceptor Tyrosine Kinases of the Src and Abl Families. <i>Infection and Immunity</i> , 2016, 84, 2671-2680.	1.0	30
25	Sparse Neural Network Models of Antimicrobial Peptide-Activity Relationships. <i>Molecular Informatics</i> , 2016, 35, 606-614.	1.4	15
26	HtrA-mediated E-cadherin cleavage is limited to DegP and DegQ homologs expressed by gram-negative pathogens. <i>Cell Communication and Signaling</i> , 2016, 14, 30.	2.7	35
27	Attractors in Sequence Space: Peptide Morphing by Directed Simulated Evolution. <i>Molecular Informatics</i> , 2015, 34, 709-714.	1.4	5
28	TLR8 and NOD signaling synergistically induce the production of IL-1 $\beta$ and IL-23 in monocyte-derived DCs and enhance the expression of the feedback inhibitor SOCS2. <i>Immunobiology</i> , 2013, 218, 533-542.	0.8	41
29	The functional interplay of Helicobacter pylori factors with gastric epithelial cells induces a multi-step process in pathogenesis. <i>Cell Communication and Signaling</i> , 2013, 11, 77.	2.7	150
30	Dendritic Cells Activated by IFN- $\gamma$ /STAT1 Express IL-31 Receptor and Release Proinflammatory Mediators upon IL-31 Treatment. <i>Journal of Immunology</i> , 2012, 188, 5319-5326.	0.4	57
31	IL-37: a new anti-inflammatory cytokine of the IL-1 family. <i>European Cytokine Network</i> , 2011, 22, 127-147.	1.1	302
32	Inhibition of Suppressive T Cell Factor 1 (TCF-1) Isoforms in Naive CD4+ T Cells Is Mediated by IL-4/STAT6 Signaling. <i>Journal of Biological Chemistry</i> , 2011, 286, 919-928.	1.6	29
33	Suppressor of Cytokine Signaling 2 Is a Feedback Inhibitor of TLR-Induced Activation in Human Monocyte-Derived Dendritic Cells. <i>Journal of Immunology</i> , 2011, 187, 2875-2884.	0.4	59
34	IL-4 induces expression of TARC/CCL17 via two STAT6 binding sites. <i>European Journal of Immunology</i> , 2006, 36, 1882-1891.	1.6	79