

# Ivo G Boneca

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1496066/publications.pdf>

Version: 2024-02-01

140  
papers

22,413  
citations

26630

56  
h-index

14208

128  
g-index

154  
all docs

154  
docs citations

154  
times ranked

27633  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary <i>Lactobacillus</i> -Derived Exopolysaccharide Enhances Immune-Checkpoint Blockade Therapy. <i>Cancer Discovery</i> , 2022, 12, 1336-1355.	9.4	56
2	Bacterial sensing via neuronal Nod2 regulates appetite and body temperature. <i>Science</i> , 2022, 376, eabj3986.	12.6	76
3	Mode of action of lipoprotein modification enzymes—Novel antibacterial targets. <i>Molecular Microbiology</i> , 2021, 115, 356-365.	2.5	9
4	Ileal immune tonus is a prognosis marker of proximal colon cancer in mice and patients. <i>Cell Death and Differentiation</i> , 2021, 28, 1532-1547.	11.2	11
5	Uptake, recognition and responses to peptidoglycan in the mammalian host. <i>FEMS Microbiology Reviews</i> , 2021, 45, .	8.6	27
6	The Future of Microbial Drug Resistance. <i>Microbial Drug Resistance</i> , 2021, 27, 1-2.	2.0	2
7	A Secreted NlpC/P60 Endopeptidase from <i>Photobacterium damsela</i> subsp. <i>piscicida</i> Cleaves the Peptidoglycan of Potentially Competing Bacteria. <i>MSphere</i> , 2021, 6, .	2.9	3
8	Acute monoarthritis in young children: comparing the characteristics of patients with juvenile idiopathic arthritis versus septic and undifferentiated arthritis. <i>Scientific Reports</i> , 2021, 11, 3422.	3.3	11
9	Is This a Healthy Scientific Controversy or the “Savior” Syndrome at Play? COVID-19 and the Hydroxychloroquine Example. <i>Microbial Drug Resistance</i> , 2021, 27, 279-280.	2.0	0
10	Anti- <i>Leptospira</i> immunoglobulin profiling in mice reveals strain specific IgG and persistent IgM responses associated with virulence and renal colonization. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008970.	3.0	12
11	Cellular stress promotes NOD1/2-dependent inflammation via the endogenous metabolite sphingosine-1-phosphate. <i>EMBO Journal</i> , 2021, 40, e106272.	7.8	34
12	LpxT-Dependent Phosphorylation of Lipid A in <i>Escherichia coli</i> Increases Resistance to Deoxycholate and Enhances Gut Colonization. <i>Frontiers in Microbiology</i> , 2021, 12, 676596.	3.5	2
13	Multifaceted modes of action of the anticancer probiotic <i>Enterococcus hirae</i> . <i>Cell Death and Differentiation</i> , 2021, 28, 2276-2295.	11.2	18
14	NOD1 sensing of house dust mite-derived microbiota promotes allergic experimental asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 394-406.	2.9	10
15	PGFinder, a novel analysis pipeline for the consistent, reproducible, and high-resolution structural analysis of bacterial peptidoglycans. <i>ELife</i> , 2021, 10, .	6.0	6
16	Peptidoglycan analysis reveals that synergistic deacetylase activity in vegetative <i>Clostridium difficile</i> impacts the host response. <i>Journal of Biological Chemistry</i> , 2020, 295, 16785-16796.	3.4	11
17	Leptospiral LPS escapes mouse TLR4 internalization and TRIF-associated antimicrobial responses through O antigen and associated lipoproteins. <i>PLoS Pathogens</i> , 2020, 16, e1008639.	4.7	31
18	Escape of TLR5 Recognition by <i>Leptospira</i> spp.: A Rationale for Atypical Endoflagella. <i>Frontiers in Immunology</i> , 2020, 11, 2007.	4.8	21

#	ARTICLE	IF	CITATIONS
19	Cross-reactivity between tumor MHC class II-restricted antigens and an enterococcal bacteriophage. <i>Science</i> , 2020, 369, 936-942.	12.6	217
20	Effect of gut microbiota on depressive-like behaviors in mice is mediated by the endocannabinoid system. <i>Nature Communications</i> , 2020, 11, 6363.	12.8	193
21	Study of the <i>cwaRS-ldcA</i> Operon Coding a Two-Component System and a Putative L,D-Carboxypeptidase in <i>Lactobacillus paracasei</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 156.	3.5	0
22	Chemotherapy-induced ileal crypt apoptosis and the ileal microbiome shape immunosurveillance and prognosis of proximal colon cancer. <i>Nature Medicine</i> , 2020, 26, 919-931.	30.7	118
23	A peptide of a type I toxin-antitoxin system induces <i>Helicobacter pylori</i> morphological transformation from spiral shape to coccoids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31398-31409.	7.1	24
24	Spatiotemporal analysis of mycolactone distribution in vivo reveals partial diffusion in the central nervous system. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008878.	3.0	7
25	Mycolactone toxin induces an inflammatory response by targeting the IL-1 $\beta$ pathway: Mechanistic insight into Buruli ulcer pathophysiology. <i>PLoS Pathogens</i> , 2020, 16, e1009107.	4.7	25
26	Defective lytic transglycosylase disrupts cell morphogenesis by hindering cell wall de-O-acetylation in <i>Neisseria meningitidis</i> . <i>eLife</i> , 2020, 9, .	6.0	7
27	Title is missing!. , 2020, 16, e1008639.		0
28	Title is missing!. , 2020, 16, e1008639.		0
29	Title is missing!. , 2020, 16, e1008639.		0
30	Title is missing!. , 2020, 16, e1008639.		0
31	HupA, the main undecaprenyl pyrophosphate and phosphatidylglycerol phosphate phosphatase in <i>Helicobacter pylori</i> is essential for colonization of the stomach. <i>PLoS Pathogens</i> , 2019, 15, e1007972.	4.7	11
32	A comprehensive assessment of demographic, environmental, and host genetic associations with gut microbiome diversity in healthy individuals. <i>Microbiome</i> , 2019, 7, 130.	11.1	101
33	Innate immune memory through TLR2 and NOD2 contributes to the control of <i>Leptospira interrogans</i> infection. <i>PLoS Pathogens</i> , 2019, 15, e1007811.	4.7	55
34	Natural variation in the parameters of innate immune cells is preferentially driven by genetic factors. <i>Nature Immunology</i> , 2018, 19, 302-314.	14.5	205
35	Distinctive roles of age, sex, and genetics in shaping transcriptional variation of human immune responses to microbial challenges. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E488-E497.	7.1	181
36	A step-by-step guide to bond cleavage and 1,6-anhydro-sugar product synthesis by a peptidoglycan-degrading lytic transglycosylase. <i>Journal of Biological Chemistry</i> , 2018, 293, 6000-6010.	3.4	18

#	ARTICLE	IF	CITATIONS
37	N-Deacetylases required for muramic-Î-lactam production are involved in Clostridium difficile sporulation, germination, and heat resistance. Journal of Biological Chemistry, 2018, 293, 18040-18054.	3.4	24
38	Human genetic variants and age are the strongest predictors of humoral immune responses to common pathogens and vaccines. Genome Medicine, 2018, 10, 59.	8.2	113
39	Enhancing the clinical coverage and anticancer efficacy of immune checkpoint blockade through manipulation of the gut microbiota. Oncoimmunology, 2017, 6, e1132137.	4.6	45
40	Regulation of bone mass by the gut microbiota is dependent on NOD1 and NOD2 signaling. Cellular Immunology, 2017, 317, 55-58.	3.0	58
41	Unusual Î±-Carbon Hydroxylation of Proline Promotes Active-Site Maturation. Journal of the American Chemical Society, 2017, 139, 5330-5337.	13.7	20
42	Molecular architecture of the PBP2â€MreC core bacterial cell wall synthesis complex. Nature Communications, 2017, 8, 776.	12.8	57
43	Nitrosative stress defences of the enterohepatic pathogenic bacterium Helicobacter pullorum. Scientific Reports, 2017, 7, 9909.	3.3	7
44	Bulgecin A: The Key to a Broadâ€Spectrum Inhibitor That Targets Lytic Transglycosylases. Antibiotics, 2017, 6, 8.	3.7	30
45	Lactobacillus paracasei feeding improves immune control of influenza infection in mice. PLoS ONE, 2017, 12, e0184976.	2.5	76
46	LipL21 lipoprotein binding to peptidoglycan enables Leptospira interrogans to escape NOD1 and NOD2 recognition. PLoS Pathogens, 2017, 13, e1006725.	4.7	45
47	Enterococcus hirae and Barnesiella intestinihominis Facilitate Cyclophosphamide-Induced Therapeutic Immunomodulatory Effects. Immunity, 2016, 45, 931-943.	14.3	645
48	Fine-Tuning Cancer Immunotherapy: Optimizing the Gut Microbiome. Cancer Research, 2016, 76, 4602-4607.	0.9	92
49	Standardized Whole-Blood Transcriptional Profiling Enables the Deconvolution of Complex Induced Immune Responses. Cell Reports, 2016, 16, 2777-2791.	6.4	84
50	Role of the N-Acetylmuramoyl-Alanyl Amidase, AmiA, of Helicobacter pylori in Peptidoglycan Metabolism, Daughter Cell Separation, and Virulence. Microbial Drug Resistance, 2016, 22, 477-486.	2.0	18
51	Resistance Mechanisms to Immune-Checkpoint Blockade in Cancer: Tumor-Intrinsic and -Extrinsic Factors. Immunity, 2016, 44, 1255-1269.	14.3	797
52	The Milieu Intérieur study â€” An integrative approach for study of human immunological variance. Clinical Immunology, 2015, 157, 277-293.	3.2	71
53	The microbiota regulates type 2 immunity through RORÎ³t <sup>+</sup> T cells. Science, 2015, 349, 989-993.	12.6	709
54	Anticancer immunotherapy by CTLA-4 blockade relies on the gut microbiota. Science, 2015, 350, 1079-1084.	12.6	2,539

#	ARTICLE	IF	CITATIONS
55	Gut microbiome and anticancer immune response: really hot Sh*t!. Cell Death and Differentiation, 2015, 22, 199-214.	11.2	100
56	Peptidoglycan and Nod Receptor. , 2015, , 737-747.		9
57	Paenibacillus faecis sp. nov., isolated from human faeces. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4621-4626.	1.7	25
58	Common Cell Shape Evolution of Two Nasopharyngeal Pathogens. PLoS Genetics, 2015, 11, e1005338.	3.5	26
59	Leptospira Interrogans Induces Fibrosis in the Mouse Kidney through Inos-Dependent, TLR- and NLR-Independent Signaling Pathways. PLoS Neglected Tropical Diseases, 2014, 8, e2664.	3.0	74
60	Live Imaging of Bioluminescent Leptospira interrogans in Mice Reveals Renal Colonization as a Stealth Escape from the Blood Defenses and Antibiotics. PLoS Neglected Tropical Diseases, 2014, 8, e3359.	3.0	80
61	CCL17 Production by Dendritic Cells Is Required for NOD1-mediated Exacerbation of Allergic Asthma. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 899-908.	5.6	28
62	FrxA is an <i>S</i> -nitrosoglutathione reductase enzyme that contributes to <i>Helicobacter</i> <i>pylori</i> pathogenicity. FEBS Journal, 2014, 281, 4495-4505.	4.7	11
63	Why should we need the gut microbiota to respond to cancer therapies?. Oncolmmunology, 2014, 3, e27574.	4.6	17
64	Visualization of a substrate-induced productive conformation of the catalytic triad of the <i>Neisseria meningitidis</i> peptidoglycan O-acetyltransferase reveals mechanistic conservation in SGNH esterase family members. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 2631-2639.	2.5	15
65	N-Glycolylated Peptidoglycan Contributes to the Immunogenicity but Not Pathogenicity of <i>Mycobacterium tuberculosis</i> . Journal of Infectious Diseases, 2014, 209, 1045-1054.	4.0	46
66	The Immune Receptor NOD1 and Kinase RIP2 Interact with Bacterial Peptidoglycan on Early Endosomes to Promote Autophagy and Inflammatory Signaling. Cell Host and Microbe, 2014, 15, 623-635.	11.0	249
67	N-Acetylglucosamine Deacetylases Modulate the Anchoring of the Gamma-Glutamyl Capsule to the Cell Wall of <i>Bacillus anthracis</i> . Microbial Drug Resistance, 2014, 20, 222-230.	2.0	16
68	The biology of bacterial peptidoglycans and their impact on host immunity and physiology. Cellular Microbiology, 2014, 16, 1014-1023.	2.1	52
69	<i>Listeria monocytogenes</i> Is Resistant to Lysozyme through the Regulation, Not the Acquisition, of Cell Wall-Modifying Enzymes. Journal of Bacteriology, 2014, 196, 3756-3767.	2.2	58
70	The LacdiNAc-Specific Adhesin LabA Mediates Adhesion of <i>Helicobacter pylori</i> to Human Gastric Mucosa. Journal of Infectious Diseases, 2014, 210, 1286-1295.	4.0	83
71	Harnessing the Intestinal Microbiome for Optimal Therapeutic Immunomodulation. Cancer Research, 2014, 74, 4217-4221.	0.9	39
72	Chemokines and Antimicrobial Peptides Have a <i>cagA</i> -Dependent Early Response to <i>Helicobacter pylori</i> Infection in Primary Human Gastric Epithelial Cells. Infection and Immunity, 2014, 82, 2881-2889.	2.2	28

#	ARTICLE	IF	CITATIONS
73	Functional Analysis via Standardized Whole-Blood Stimulation Systems Defines the Boundaries of a Healthy Immune Response to Complex Stimuli. <i>Immunity</i> , 2014, 40, 436-450.	14.3	192
74	Peptidoglycan and Nod Receptor. , 2014, , 1-10.		3
75	Listeria monocytogenes Multidrug Resistance Transporters and Cyclic Di-AMP, Which Contribute to Type I Interferon Induction, Play a Role in Cell Wall Stress. <i>Journal of Bacteriology</i> , 2013, 195, 5250-5261.	2.2	58
76	The Intestinal Microbiota Modulates the Anticancer Immune Effects of Cyclophosphamide. <i>Science</i> , 2013, 342, 971-976.	12.6	1,580
77	Deacetylation of peptidoglycan regulates glycan chain extension and affects <i>in vivo</i> survival of <i>Neisseria meningitidis</i> . <i>Molecular Microbiology</i> , 2013, 87, 1100-1112.	2.5	33
78	Penicillin Resistance Compromises Nod1-Dependent Proinflammatory Activity and Virulence Fitness of <i>Neisseria meningitidis</i> . <i>Cell Host and Microbe</i> , 2013, 13, 735-745.	11.0	23
79	Distinct functions of polysaccharide deacetylases in cell shape, neutral polysaccharide synthesis and virulence of <i>Bacillus anthracis</i> . <i>Molecular Microbiology</i> , 2013, 87, 867-883.	2.5	43
80	Draft Genome Sequence of Strain X47-2AL, a Feline <i>Helicobacter pylori</i> Isolate. <i>Genome Announcements</i> , 2013, 1, .	0.8	6
81	Crosstalk between <i>Helicobacter pylori</i> and Gastric Epithelial Cells Is Impaired by Docosahexaenoic Acid. <i>PLoS ONE</i> , 2013, 8, e60657.	2.5	26
82	Peptidoglycan maturation enzymes affect flagellar functionality in bacteria. <i>Molecular Microbiology</i> , 2013, 88, 456-457.	2.5	0
83	The functional <i>vanG</i> cluster of <i>Clostridium difficile</i> does not confer vancomycin resistance. <i>Molecular Microbiology</i> , 2013, 89, 612-625.	2.5	53
84	Inheritance of the Lysozyme Inhibitor Ivy Was an Important Evolutionary Step by <i>Yersinia pestis</i> to Avoid the Host Innate Immune Response. <i>Journal of Infectious Diseases</i> , 2013, 207, 1535-1543.	4.0	23
85	Peptidoglycan maturation enzymes affect flagellar functionality in bacteria. <i>Molecular Microbiology</i> , 2012, 86, 845-856.	2.5	46
86	Almost all human gastric mucin O-glycans harbor blood group A, B or H antigens and are potential binding sites for <i>Helicobacter pylori</i> . <i>Glycobiology</i> , 2012, 22, 1193-1206.	2.5	74
87	Peptidoglycan Sensing by the Receptor PGRP-LE in the <i>Drosophila</i> Gut Induces Immune Responses to Infectious Bacteria and Tolerance to Microbiota. <i>Cell Host and Microbe</i> , 2012, 12, 153-165.	11.0	194
88	Ly6Chi Monocytes in the Inflamed Colon Give Rise to Proinflammatory Effector Cells and Migratory Antigen-Presenting Cells. <i>Immunity</i> , 2012, 37, 1076-1090.	14.3	613
89	The Great Wall Symposium. <i>Microbial Drug Resistance</i> , 2012, 18, 221-221.	2.0	0
90	The Effect of Bulgecin A on Peptidoglycan Metabolism and Physiology of <i>Helicobacter pylori</i> . <i>Microbial Drug Resistance</i> , 2012, 18, 230-239.	2.0	22

#	ARTICLE	IF	CITATIONS
91	<i>Helicobacter pylori</i> Has an Unprecedented Nitric Oxide Detoxifying System. Antioxidants and Redox Signaling, 2012, 17, 1190-1200.	5.4	20
92	Downregulation of the Na/K-ATPase Pump by Leptospiral Glycolipoprotein Activates the NLRP3 Inflammasome. Journal of Immunology, 2012, 188, 2805-2814.	0.8	72
93	Characterization of the elongasome core PBP2 $\alpha$ :MreC complex of <i>Helicobacter pylori</i> . Molecular Microbiology, 2011, 82, 68-86.	2.5	34
94	Super-resolution microscopy reveals cell wall dynamics and peptidoglycan architecture in ovococcal bacteria. Molecular Microbiology, 2011, 82, 1096-1109.	2.5	111
95	Anti-inflammatory capacity of selected lactobacilli in experimental colitis is driven by NOD2-mediated recognition of a specific peptidoglycan-derived muropeptide. Gut, 2011, 60, 1050-1059.	12.1	299
96	Expression and functional importance of innate immune receptors by intestinal epithelial cells. Cellular and Molecular Life Sciences, 2011, 68, 3661-3673.	5.4	54
97	OatA, a Peptidoglycan O-Acetyltransferase Involved in <i>Listeria monocytogenes</i> Immune Escape, Is Critical for Virulence. Journal of Infectious Diseases, 2011, 204, 731-740.	4.0	98
98	Mycolactone Diffuses into the Peripheral Blood of Buruli Ulcer Patients - Implications for Diagnosis and Disease Monitoring. PLoS Neglected Tropical Diseases, 2011, 5, e1237.	3.0	59
99	<i>Helicobacter pylori</i> versus the Host: Remodeling of the Bacterial Outer Membrane Is Required for Survival in the Gastric Mucosa. PLoS Pathogens, 2011, 7, e1002454.	4.7	164
100	A Novel Metal Transporter Mediating Manganese Export (MntX) Regulates the Mn to Fe Intracellular Ratio and <i>Neisseria meningitidis</i> Virulence. PLoS Pathogens, 2011, 7, e1002261.	4.7	72
101	Penicillin Binding Proteins as Danger Signals: Meningococcal Penicillin Binding Protein 2 Activates Dendritic Cells through Toll-Like Receptor 4. PLoS ONE, 2011, 6, e23995.	2.5	12
102	From array-based hybridization of <i>Helicobacter pylori</i> isolates to the complete genome sequence of an isolate associated with MALT lymphoma. BMC Genomics, 2010, 11, 368.	2.8	47
103	Bacteria and MAMP-induced morphogenesis of the immune system. Current Opinion in Immunology, 2010, 22, 448-454.	5.5	28
104	A M23B family metallopeptidase of <i>Helicobacter pylori</i> required for cell shape, pole formation and virulence. Molecular Microbiology, 2010, 78, 809-819.	2.5	88
105	Nod1 and Nod2 direct autophagy by recruiting ATG16L1 to the plasma membrane at the site of bacterial entry. Nature Immunology, 2010, 11, 55-62.	14.5	1,125
106	The innate immune molecule, NOD1, regulates direct killing of <i>Helicobacter pylori</i> by antimicrobial peptides. Cellular Microbiology, 2010, 12, 626-639.	2.1	103
107	NOD receptor recognition of peptidoglycan. , 2010, , 637-653.		0
108	Mammalian PGRPs in the Spotlight. Cell Host and Microbe, 2009, 5, 109-111.	11.0	16

#	ARTICLE	IF	CITATIONS
109	A Commensal <i>Helicobacter</i> sp. of the Rodent Intestinal Flora Activates TLR2 and NOD1 Responses in Epithelial Cells. <i>PLoS ONE</i> , 2009, 4, e5396.	2.5	22
110	Lymphoid tissue genesis induced by commensals through NOD1 regulates intestinal homeostasis. <i>Nature</i> , 2008, 456, 507-510.	27.8	920
111	Development of Inducible Systems To Engineer Conditional Mutants of Essential Genes of <i>Helicobacter pylori</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 2095-2102.	3.1	58
112	Characterization of <i>Helicobacter pylori</i> Lytic Transglycosylases Slt and MltD. <i>Journal of Bacteriology</i> , 2007, 189, 422-429.	2.2	46
113	A critical role for peptidoglycan N-deacetylation in <i>Listeria</i> evasion from the host innate immune system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 997-1002.	7.1	329
114	New Insights into the Walk/WalR (YycG/YycF) Essential Signal Transduction Pathway Reveal a Major Role in Controlling Cell Wall Metabolism and Biofilm Formation in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2007, 189, 8257-8269.	2.2	312
115	Peptidoglycan detection by mammals and flies. <i>Microbes and Infection</i> , 2007, 9, 637-647.	1.9	63
116	HobA ? a novel protein involved in initiation of chromosomal replication in <i>Helicobacter pylori</i> . <i>Molecular Microbiology</i> , 2007, 65, 979-994.	2.5	53
117	Role of AmiA in the Morphological Transition of <i>Helicobacter pylori</i> and in Immune Escape. <i>PLoS Pathogens</i> , 2006, 2, e97.	4.7	102
118	Downregulation of the <i>Drosophila</i> Immune Response by Peptidoglycan-Recognition Proteins SC1 and SC2. <i>PLoS Pathogens</i> , 2006, 2, e14.	4.7	290
119	The Frameshift Mutation in Nod2 Results in Unresponsiveness Not Only to Nod2- but Also Nod1-activating Peptidoglycan Agonists. <i>Journal of Biological Chemistry</i> , 2005, 280, 35859-35867.	3.4	73
120	Peptidoglycan N-Acetylglucosamine Deacetylases from <i>Bacillus cereus</i> , Highly Conserved Proteins in <i>Bacillus anthracis</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 30856-30863.	3.4	73
121	Nod1 Participates in the Innate Immune Response to <i>Pseudomonas aeruginosa</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 36714-36718.	3.4	139
122	The role of peptidoglycan in pathogenesis. <i>Current Opinion in Microbiology</i> , 2005, 8, 46-53.	5.1	188
123	Peptidoglycan Molecular Requirements Allowing Detection by the <i>Drosophila</i> Immune Deficiency Pathway. <i>Journal of Immunology</i> , 2004, 173, 7339-7348.	0.8	141
124	Function of the <i>drosophila</i> pattern-recognition receptor PGRP-SD in the detection of Gram-positive bacteria. <i>Nature Immunology</i> , 2004, 5, 1175-1180.	14.5	227
125	Nod1 responds to peptidoglycan delivered by the <i>Helicobacter pylori</i> cag pathogenicity island. <i>Nature Immunology</i> , 2004, 5, 1166-1174.	14.5	1,091
126	Toll-like receptor 2-dependent bacterial sensing does not occur via peptidoglycan recognition. <i>EMBO Reports</i> , 2004, 5, 1000-1006.	4.5	435



#	ARTICLE	IF	CITATIONS
127	Nod1-dependent proinflammatory responses to <i>Helicobacter pylori</i> infection in gastric epithelial cells. <i>Gastroenterology</i> , 2003, 124, A43.	1.3	4
128	Nod1 Detects a Unique Muropeptide from Gram-Negative Bacterial Peptidoglycan. <i>Science</i> , 2003, 300, 1584-1587.	12.6	1,388
129	Vancomycin resistance: occurrence, mechanisms and strategies to combat it. <i>Expert Opinion on Therapeutic Targets</i> , 2003, 7, 311-328.	3.4	84
130	A revised annotation and comparative analysis of <i>Helicobacter pylori</i> genomes. <i>Nucleic Acids Research</i> , 2003, 31, 1704-1714.	14.5	74
131	Peptidoglycan Molecular Requirements Allowing Detection by Nod1 and Nod2. <i>Journal of Biological Chemistry</i> , 2003, 278, 41702-41708.	3.4	578
132	Correlation between Alterations of the Penicillin-binding Protein 2 and Modifications of the Peptidoglycan Structure in <i>Neisseria meningitidis</i> with Reduced Susceptibility to Penicillin G. <i>Journal of Biological Chemistry</i> , 2003, 278, 31529-31535.	3.4	52
133	Nod2 Is a General Sensor of Peptidoglycan through Muramyl Dipeptide (MDP) Detection. <i>Journal of Biological Chemistry</i> , 2003, 278, 8869-8872.	3.4	2,026
134	Detailed Structural Analysis of the Peptidoglycan of the Human Pathogen <i>Neisseria meningitidis</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 31521-31528.	3.4	53
135	Prediction, Assessment and Validation of Protein Interaction Maps in Bacteria. <i>Journal of Molecular Biology</i> , 2002, 323, 763-770.	4.2	96
136	Clivage spécifique de la liaison D-Ala-D-Lac : nouvelle stratégie pour combattre la résistance à la vancomycine. <i>Medicine/Sciences</i> , 2002, 18, 9-12.	0.2	0
137	Selective Cleavage of D-Ala-D-Lac by Small Molecules: Re-Sensitizing Resistant Bacteria to Vancomycin. <i>Science</i> , 2001, 293, 1484-1487.	12.6	55
138	Characterization of <i>Staphylococcus aureus</i> Cell Wall Glycan Strands, Evidence for a New $\beta$ -N-Acetylglucosaminidase Activity. <i>Journal of Biological Chemistry</i> , 2000, 275, 9910-9918.	3.4	101
139	Structural Characterization of an Abnormally Cross-linked Muropeptide Dimer That Is Accumulated in the Peptidoglycan of Methicillin- and Cefotaxime-resistant Mutants of <i>Staphylococcus aureus</i> . <i>Journal of Biological Chemistry</i> , 1997, 272, 29053-29059.	3.4	30
140	Alive Pathogenic and Saprophytic Leptospire Enter and Exit Human and Mouse Macrophages With No Intracellular Replication. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	13