

Richard L Ferrero

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/869585/publications.pdf>

Version: 2024-02-01

93
papers

7,552
citations

76326

40
h-index

53230

85
g-index

95
all docs

95
docs citations

95
times ranked

9760
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Toll-like Receptor 9 Promotes Initiation of Gastric Tumorigenesis by Augmenting Inflammation and Cellular Proliferation. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 14, 567-586. | 4.5 | 8 |
| 2 | Nod1 promotes colorectal carcinogenesis by regulating the immunosuppressive functions of tumor-infiltrating myeloid cells. <i>Cell Reports</i> , 2021, 34, 108677. | 6.4 | 44 |
| 3 | Analysis of Innate Immune Responses to <i>Helicobacter pylori</i> . <i>Methods in Molecular Biology</i> , 2021, 2283, 191-214. | 0.9 | 2 |
| 4 | <i>Helicobacter pylori</i> -induced gastric carcinogenesis. , 2021, , 91-118. | | 1 |
| 5 | Nuclear trafficking of bacterial effector proteins. <i>Cellular Microbiology</i> , 2021, 23, e13320. | 2.1 | 7 |
| 6 | <i>Helicobacter pylori</i> Xanthineâ€“Guanineâ€“Hypoxanthine Phosphoribosyltransferaseâ€“A Putative Target for Drug Discovery against Gastrointestinal Tract Infections. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5710-5729. | 6.4 | 4 |
| 7 | Constitutive STAT3 Serine Phosphorylation Promotes <i>Helicobacter</i> -Mediated Gastric Disease. <i>American Journal of Pathology</i> , 2020, 190, 1256-1270. | 3.8 | 17 |
| 8 | Innate Immune Molecule NLR5 Protects Mice From <i>Helicobacter</i> -induced Formation of Gastric Lymphoid Tissue. <i>Gastroenterology</i> , 2020, 159, 169-182.e8. | 1.3 | 18 |
| 9 | Review: <i>Helicobacter</i> : Inflammation, immunology, and vaccines. <i>Helicobacter</i> , 2019, 24, e12644. | 3.5 | 47 |
| 10 | Nodâ€“like receptors are critical for gutâ€“brain axis signalling in mice. <i>Journal of Physiology</i> , 2019, 597, 5777-5797. | 2.9 | 48 |
| 11 | Anti- <i>Helicobacter pylori</i> activity of ethoxzolamide. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 1660-1667. | 5.2 | 41 |
| 12 | Role of NOD1 and ALPK1/TIFA Signalling in Innate Immunity Against <i>Helicobacter pylori</i> Infection. <i>Current Topics in Microbiology and Immunology</i> , 2019, 421, 159-177. | 1.1 | 11 |
| 13 | Complete genome sequence of <i>Helicobacter pylori</i> B128 7.13 and a singleâ€“step method for the generation of unmarked mutations. <i>Helicobacter</i> , 2019, 24, e12587. | 3.5 | 1 |
| 14 | NLR5 deficiency has a moderate impact on immunodominant <i>CD8⁺</i> Tâ€“cell responses during rotavirus infection of adult mice. <i>Immunology and Cell Biology</i> , 2019, 97, 552-562. | 2.3 | 10 |
| 15 | The â€“missingâ€“ gastric microbe; the impact of gastric cancer-associated microbiota on <i>Helicobacter pylori</i> growth in vitro and its implications in gastric carcinogenesis. <i>Access Microbiology</i> , 2019, 1, . | 0.5 | 0 |
| 16 | NOD1 is required for <i>Helicobacter pylori</i> induction of IL-33 responses in gastric epithelial cells. <i>Cellular Microbiology</i> , 2018, 20, e12826. | 2.1 | 26 |
| 17 | Hyperactive gp130/STAT3â€“driven gastric tumorigenesis promotes submucosal tertiary lymphoid structure development. <i>International Journal of Cancer</i> , 2018, 143, 167-178. | 5.1 | 43 |
| 18 | Isolation of Mouse Primary Gastric Epithelial Cells to Investigate the Mechanisms of <i>Helicobacter pylori</i> Associated Disease. <i>Methods in Molecular Biology</i> , 2018, 1725, 119-126. | 0.9 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Loss of NF- κ B1 Causes Gastric Cancer with Aberrant Inflammation and Expression of Immune Checkpoint Regulators in a STAT-1-Dependent Manner. <i>Immunity</i> , 2018, 48, 570-583.e8. | 14.3 | 61 |
| 20 | Mouse Models Of <i>Helicobacter</i> Infection And Gastric Pathologies. <i>Journal of Visualized Experiments</i> , 2018, , . | 0.3 | 5 |
| 21 | <i>Helicobacter pylori</i> Outer Membrane Vesicle Size Determines Their Mechanisms of Host Cell Entry and Protein Content. <i>Frontiers in Immunology</i> , 2018, 9, 1466. | 4.8 | 139 |
| 22 | The Use of CRISPR/Cas9 Gene Editing to Confirm Congenic Contaminations in Host-Pathogen Interaction Studies. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 87. | 3.9 | 3 |
| 23 | Membrane vesicles from <i>Pseudomonas aeruginosa</i> activate the noncanonical inflammasome through caspase-5 in human monocytes. <i>Immunology and Cell Biology</i> , 2018, 96, 1120-1130. | 2.3 | 65 |
| 24 | Posttranslational Modification as a Critical Determinant of Cytoplasmic Innate Immune Recognition. <i>Physiological Reviews</i> , 2017, 97, 1165-1209. | 28.8 | 63 |
| 25 | Structural influences on the activity of bismuth(III) indole-carboxylato complexes towards <i>Helicobacter pylori</i> and <i>Leishmania</i> . <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 266-275. | 3.5 | 28 |
| 26 | Bacterial membrane vesicles transport their DNA cargo into host cells. <i>Scientific Reports</i> , 2017, 7, 7072. | 3.3 | 267 |
| 27 | Regulation and functions of inflammasome-mediated cytokines in <i>Helicobacter pylori</i> infection. <i>Microbes and Infection</i> , 2017, 19, 449-458. | 1.9 | 23 |
| 28 | Des-acyl ghrelin inhibits the capacity of macrophages to stimulate the expression of aromatase in breast adipose stromal cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 170, 49-53. | 2.5 | 24 |
| 29 | A <i>Helicobacter pylori</i> Homolog of Eukaryotic Flotillin Is Involved in Cholesterol Accumulation, Epithelial Cell Responses and Host Colonization. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 219. | 3.9 | 40 |
| 30 | Virulence Mechanisms of <i>Helicobacter pylori</i> : An Overview. , 2016, , 57-87. | | 1 |
| 31 | Interferon- β promotes gastric lymphoid follicle formation but not gastritis in <i>Helicobacter</i> -infected BALB/c mice. <i>Gut Pathogens</i> , 2016, 8, 61. | 3.4 | 6 |
| 32 | Loss of gastrokine-2 drives premalignant gastric inflammation and tumor progression. <i>Journal of Clinical Investigation</i> , 2016, 126, 1383-1400. | 8.2 | 40 |
| 33 | Increased Outer Membrane Vesicle Formation in a <i>Helicobacter pylori</i> tolB Mutant. <i>Helicobacter</i> , 2015, 20, 269-283. | 3.5 | 82 |
| 34 | Immune modulation by bacterial outer membrane vesicles. <i>Nature Reviews Immunology</i> , 2015, 15, 375-387. | 22.7 | 672 |
| 35 | Synthesis and structural characterisation of bismuth(III) hydroxamates and their activity against <i>Helicobacter pylori</i> . <i>Dalton Transactions</i> , 2015, 44, 16903-16913. | 3.3 | 30 |
| 36 | Bismuth(III) complexes derived from α -amino acids: the impact of hydrolysis and oxido-cluster formation on their activity against <i>Helicobacter pylori</i> . <i>Dalton Transactions</i> , 2014, 43, 17980-17990. | 3.3 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Bismuth(III) benzohydroxamates: powerful anti-bacterial activity against <i>Helicobacter pylori</i> and hydrolysis to a unique Bi ₃₄ oxido-cluster [Bi ₃₄ O ₂₂ (BHA) ₂₂ (H-BHA) ₁₄ (DMSO) ₆]. Chemical Communications, 2014, 50, 15232-15234. | 4.1 | 32 |
| 38 | 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 |
| 39 | Bismuth(III) \hat{I}^2 -thioxoketonates as antibiotics against <i>Helicobacter pylori</i> and as anti-leishmanial agents. Dalton Transactions, 2014, 43, 1279-1291. | 3.3 | 39 |
| 40 | 93. Cytokine, 2014, 70, 50. | 3.2 | 0 |
| 41 | A sweeter way to combat <i>Helicobacter pylori</i> ? Bismuth(III) complexes and oxido-clusters derived from non-nutritive sweeteners and their activity against H. <i>pylori</i> . Journal of Organometallic Chemistry, 2013, 724, 88-94. | 1.8 | 6 |
| 42 | Making Bispirin: synthesis, structure and activity against <i>Helicobacter pylori</i> of bismuth(III) acetylsalicylate. Chemical Communications, 2013, 49, 2870. | 4.1 | 26 |
| 43 | A novel NOD1- and CagA-independent pathway of interleukin-8 induction mediated by the <i>Helicobacter pylori</i> type IV secretion system. Cellular Microbiology, 2013, 15, 554-570. | 2.1 | 84 |
| 44 | Nucleotide Oligomerization Domain 1 Enhances IFN- \hat{I}^3 Signaling in Gastric Epithelial Cells during <i>Helicobacter pylori</i> Infection and Exacerbates Disease Severity. Journal of Immunology, 2013, 190, 3706-3715. | 0.8 | 56 |
| 45 | Synthesis and Characterisation of Bismuth(III) Aminoarenesulfonate Complexes and Their Powerful Bactericidal Activity against <i>Helicobacter pylori</i> . Chemistry - A European Journal, 2013, 19, 5264-5275. | 3.3 | 27 |
| 46 | <i>Helicobacter pylori</i> VacA Suppresses <i>Lactobacillus acidophilus</i> -Induced Interferon Beta Signaling in Macrophages via Alterations in the Endocytic Pathway. MBio, 2013, 4, e00609-12. | 4.1 | 31 |
| 47 | Peptidoglycan maturation enzymes affect flagellar functionality in bacteria. Molecular Microbiology, 2013, 88, 456-457. | 2.5 | 0 |
| 48 | Electron Microscopic, Genetic and Protein Expression Analyses of <i>Helicobacter acinonychis</i> Strains from a Bengal Tiger. PLoS ONE, 2013, 8, e71220. | 2.5 | 25 |
| 49 | <i>Helicobacter pylori</i> cag Pathogenicity Island (cagPAI) Involved in Bacterial Internalization and IL-8 Induced Responses via NOD1- and MyD88-Dependent Mechanisms in Human Biliary Epithelial Cells. PLoS ONE, 2013, 8, e77358. | 2.5 | 41 |
| 50 | Bismuth(III) Thiobenzoates and their Activity against <i>Helicobacter pylori</i> . Australian Journal of Chemistry, 2012, 65, 883. | 0.9 | 12 |
| 51 | Peptidoglycan maturation enzymes affect flagellar functionality in bacteria. Molecular Microbiology, 2012, 86, 845-856. | 2.5 | 46 |
| 52 | Remarkable in vitro bactericidal activity of bismuth(III) sulfonates against <i>Helicobacter pylori</i> . Dalton Transactions, 2012, 41, 11798. | 3.3 | 38 |
| 53 | The Use of AlbuMAX II [®] as a Blood or Serum Alternative for the Culture of <i>Helicobacter pylori</i> . Helicobacter, 2012, 17, 68-76. | 3.5 | 5 |
| 54 | Mouse Models of <i>Helicobacter</i> -Induced Gastric Cancer: Use of Cocarcinogens. Methods in Molecular Biology, 2012, 921, 157-173. | 0.9 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Bismuth(III) Saccharinate and Thiosaccharinate Complexes and the Effect of Ligand Substitution on Their Activity against <i>Helicobacter pylori</i> . <i>Organometallics</i> , 2011, 30, 6283-6291. | 2.3 | 37 |
| 56 | The molecular pathogenesis of STAT3-driven gastric tumourigenesis in mice is independent of IL-7. <i>Journal of Pathology</i> , 2011, 225, 255-264. | 4.5 | 27 |
| 57 | Genetic modulation of TLR8 response following bacterial phagocytosis. <i>Human Mutation</i> , 2010, 31, 1069-1079. | 2.5 | 67 |
| 58 | Bacterial membrane vesicles deliver peptidoglycan to NOD1 in epithelial cells. <i>Cellular Microbiology</i> , 2010, 12, 372-385. | 2.1 | 382 |
| 59 | The innate immune molecule, NOD1, regulates direct killing of <i>Helicobacter pylori</i> by antimicrobial peptides. <i>Cellular Microbiology</i> , 2010, 12, 626-639. | 2.1 | 103 |
| 60 | Role of virulence factors and host cell signaling in the recognition of <i>Helicobacter pylori</i> and the generation of immune responses. <i>Future Microbiology</i> , 2010, 5, 1233-1255. | 2.0 | 19 |
| 61 | <i>Helicobacter pylori</i> Exploits Cholesterol-Rich Microdomains for Induction of NF- κ B-Dependent Responses and Peptidoglycan Delivery in Epithelial Cells. <i>Infection and Immunity</i> , 2010, 78, 4523-4531. | 2.2 | 66 |
| 62 | Vitamin B ₆ Is Required for Full Motility and Virulence in <i>Helicobacter pylori</i> . <i>MBio</i> , 2010, 1, . | 4.1 | 38 |
| 63 | Protease-Activated Receptor-1 Down-regulates the Murine Inflammatory and Humoral Response to <i>Helicobacter pylori</i> . <i>Gastroenterology</i> , 2010, 138, 573-582. | 1.3 | 28 |
| 64 | Both the p33 and p55 Subunits of the <i>Helicobacter pylori</i> VacA Toxin Are Targeted to Mammalian Mitochondria. <i>Journal of Molecular Biology</i> , 2010, 401, 792-798. | 4.2 | 53 |
| 65 | Bismuth(iii) complexes derived from non-steroidal anti-inflammatory drugs and their activity against <i>Helicobacter pylori</i> . <i>Dalton Transactions</i> , 2010, 39, 2861. | 3.3 | 69 |
| 66 | Structural and solution studies of phenylbismuth(III) sulfonate complexes and their activity against <i>Helicobacter pylori</i> . <i>Dalton Transactions</i> , 2010, 39, 9633. | 3.3 | 44 |
| 67 | <i>Helicobacter pylori</i> -Induced Histone Modification, Associated Gene Expression in Gastric Epithelial Cells, and Its Implication in Pathogenesis. <i>PLoS ONE</i> , 2010, 5, e9875. | 2.5 | 84 |
| 68 | <i>Helicobacter pylori</i> Induces MAPK Phosphorylation and AP-1 Activation via a NOD1-Dependent Mechanism. <i>Journal of Immunology</i> , 2009, 183, 8099-8109. | 0.8 | 166 |
| 69 | Secretion of flagellin by the LEE-encoded type III secretion system of enteropathogenic <i>Escherichia coli</i> . <i>BMC Microbiology</i> , 2009, 9, 30. | 3.3 | 22 |
| 70 | Bismuth(iii) 5-sulfosalicylate complexes: structure, solubility and activity against <i>Helicobacter pylori</i> . <i>Dalton Transactions</i> , 2009, , 6377. | 3.3 | 42 |
| 71 | 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 |
| 72 | NF- κ B Activation during Acute <i>Helicobacter pylori</i> Infection in Mice. <i>Infection and Immunity</i> , 2008, 76, 551-561. | 2.2 | 43 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 73 | The β 21 Integrin Activates JNK Independent of CagA, and JNK Activation Is Required for Helicobacter pylori CagA+-induced Motility of Gastric Cancer Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 13952-13963. | 3.4 | 55 |
| 74 | Nod1-Mediated Innate Immune Recognition of Peptidoglycan Contributes to the Onset of Adaptive Immunity. <i>Immunity</i> , 2007, 26, 445-459. | 14.3 | 281 |
| 75 | Muc1 Mucin Limits Both Helicobacter pylori Colonization of the Murine Gastric Mucosa and Associated Gastritis. <i>Gastroenterology</i> , 2007, 133, 1210-1218. | 1.3 | 170 |
| 76 | Mammalian NLR proteins; discriminating foe from friend. <i>Immunology and Cell Biology</i> , 2007, 85, 495-502. | 2.3 | 58 |
| 77 | Nod-like proteins in immunity, inflammation and disease. <i>Nature Immunology</i> , 2006, 7, 1250-1257. | 14.5 | 794 |
| 78 | Helicobacter pylori Heat Shock Protein 60 Mediates Interleukin-6 Production by Macrophages via a Toll-like Receptor (TLR)-2-, TLR-4-, and Myeloid Differentiation Factor 88-independent Mechanism. <i>Journal of Biological Chemistry</i> , 2004, 279, 245-250. | 3.4 | 151 |
| 79 | Nod1 responds to peptidoglycan delivered by the Helicobacter pylori cag pathogenicity island. <i>Nature Immunology</i> , 2004, 5, 1166-1174. | 14.5 | 1,091 |
| 80 | Reduced activation of inflammatory responses in host cells by mouse-adapted Helicobacter pylori isolates. <i>Cellular Microbiology</i> , 2002, 4, 285-296. | 2.1 | 119 |
| 81 | The Mouse Colonizing Helicobacter pylori Strain SS1 May Lack a Functional cag Pathogenicity Island. <i>Helicobacter</i> , 2002, 7, 139-140. | 3.5 | 81 |
| 82 | Outbred mice with long-term Helicobacter felis infection develop both gastric lymphoid tissue and glandular hyperplastic lesions. <i>Journal of Pathology</i> , 2000, 191, 333-340. | 4.5 | 41 |
| 83 | Evaluation of Nitrofurantoin Combination Therapy of Metronidazole-Sensitive and -Resistant Helicobacter pylori Infections in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 2623-2629. | 3.2 | 22 |
| 84 | Essential role of Helicobacter pylori gamma-glutamyltranspeptidase for the colonization of the gastric mucosa of mice. <i>Molecular Microbiology</i> , 1999, 31, 1359-1372. | 2.5 | 184 |
| 85 | Cloning and allelic exchange mutagenesis of two flagellin genes of Helicobacter felis. <i>Molecular Microbiology</i> , 1999, 33, 350-362. | 2.5 | 55 |
| 86 | Exposure to Metronidazole In Vivo Readily Induces Resistance in Helicobacter pylori and Reduces the Efficacy of Eradication Therapy in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 777-781. | 3.2 | 37 |
| 87 | Helicobacter pylori rocF Is Required for Arginase Activity and Acid Protection In Vitro but Is Not Essential for Colonization of Mice or for Urease Activity. <i>Journal of Bacteriology</i> , 1999, 181, 7314-7322. | 2.2 | 108 |
| 88 | Immune Responses of Specific-Pathogen-Free Mice to Chronic Helicobacter pylori (Strain SS1) Infection. <i>Infection and Immunity</i> , 1998, 66, 1349-1355. | 2.2 | 130 |
| 89 | Vaccination contre les infections \tilde{A} Helicobacter pylori. <i>Annales De L'Institut Pasteur / Actualit\tilde{A}s</i> , 1995, 6, 237-244. | 0.1 | 0 |
| 90 | Helicobacter pylori hspA-hspB heat-shock gene cluster: nucleotide sequence, expression, putative function and immunogenicity. <i>Molecular Microbiology</i> , 1994, 14, 959-974. | 2.5 | 148 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 91 | Cloning, expression and sequencing of Helicobacter felis urease genes. Molecular Microbiology, 1993, 9, 323-333. | 2.5 | 68 |
| 92 | In Vivo Modeling of Helicobacter-Associated Gastrointestinal Diseases. , 0, , 565-582. | | 9 |
| 93 | In Vivo Adaptation to the Host. , 0, , 583-592. | | 7 |