Raphael H Valdivia

List of Publications by Year
in descending order

92 papers	10,398 citations	70961 41 h-index	45213 90 g-index
123 all docs	123 docs citations	123 times ranked	9971 citing authors

#	Article	IF	Citations
1	Human genetic diversity regulating the TLR10/TLR1/TLR6 locus confers increased cytokines in response to Chlamydia trachomatis. Human Genetics and Genomics Advances, 2022, 3, 100071.	1.0	3
2	The Pediatric Obesity Microbiome and Metabolism Study (POMMS): Methods, Baseline Data, and Early Insights. Obesity, 2021, 29, 569-578.	1.5	19
3	An endometrial organoid model of interactions between <i>Chlamydia</i> and epithelial and immune cells. Journal of Cell Science, 2021, 134, .	1.2	28
4	Genotypic and Phenotypic Diversity among Human Isolates of Akkermansia muciniphila. MBio, 2021, 12, .	1.8	60
5	Application of a Chlamydia trachomatis Expression System To Identify Chlamydia pneumoniae Proteins Translocated into Host Cells. Journal of Bacteriology, 2021, 203, .	1.0	6
6	Modeling of variables in cellularÂinfection reveals CXCL10 levels are regulated by human genetic variation and the Chlamydia-encoded CPAF protease. Scientific Reports, 2020, 10, 18269.	1.6	9
7	Bacterial genetics and molecular pathogenesis in the age of high throughput DNA sequencing. Current Opinion in Microbiology, 2020, 54, 59-66.	2.3	8
8	Insights into the Autoproteolytic Processing and Catalytic Mechanism of the <i>Chlamydia trachomatis</i> Virulence-Associated Protease CPAF. Biochemistry, 2019, 58, 3527-3536.	1.2	4
9	Ptr/CTL0175 Is Required for the Efficient Recovery of Chlamydia trachomatis From Stress Induced by Gamma-Interferon. Frontiers in Microbiology, 2019, 10, 756.	1.5	8
10	Insertional mutagenesis in the zoonotic pathogen Chlamydia caviae. PLoS ONE, 2019, 14, e0224324.	1.1	14
11	Chlamydia trachomatis fails to protect its growth niche against pro-apoptotic insults. Cell Death and Differentiation, 2019, 26, 1485-1500.	5.0	19
12	A renewed tool kit to explore Chlamydia pathogenesis: from molecular genetics to new infection models. F1000Research, 2019, 8, 935.	0.8	14
13	Chlamydia Persistence: A Survival Strategy to Evade Antimicrobial Effects in-vitro and in-vivo. Frontiers in Microbiology, 2018, 9, 3101.	1.5	89
14	The Expanding Molecular Genetics Tool Kit in Chlamydia. Journal of Bacteriology, 2018, 200, .	1.0	5
15	A Chlamydia effector combining deubiquitination and acetylation activities induces Golgi fragmentation. Nature Microbiology, 2018, 3, 1377-1384.	5.9	55
16	Site-specific glycosylation regulates the form and function of the intermediate filament cytoskeleton. ELife, 2018, 7, .	2.8	62
17	An Atlas of Genetic Variation Linking Pathogen-Induced Cellular Traits to Human Disease. Cell Host and Microbe, 2018, 24, 308-323.e6.	5.1	48
18	Engineering of obligate intracellular bacteria: progress, challenges and paradigms. Nature Reviews Microbiology, 2017, 15, 544-558.	13.6	144

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19	Assessing the satisfaction and burden within an academic animal care and use program. FASEB Journal, 2017, 31, 3913-3921.	0.2	7
20	The Chlamydia trachomatis Inclusion Membrane Protein CpoS Counteracts STING-Mediated Cellular Surveillance and Suicide Programs. Cell Host and Microbe, 2017, 21, 113-121.	5.1	115
21	The Effector TepP Mediates Recruitment and Activation of Phosphoinositide 3-Kinase on Early Chlamydia trachomatis Vacuoles. MSphere, 2017, 2, .	1.3	39
22	N-Acylated Derivatives of Sulfamethoxazole Block Chlamydia Fatty Acid Synthesis and Interact with FabF. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	11
23	Bacterial Subversion of COG-Dependent Membrane Traffic. Trends in Cell Biology, 2017, 27, 877-878.	3.6	1
24	Chlamydia trachomatisâ€™ struggle to keep its host alive. Microbial Cell, 2017, 4, 101-104.	1.4	2
25	The Chlamydia-Secreted Protease CPAF Promotes Chlamydial Survival in the Mouse Lower Genital Tract. Infection and Immunity, 2016, 84, 2697-2702.	1.0	21
26	Discovery of the Elusive UDP-Diacylglucosamine Hydrolase in the Lipid A Biosynthetic Pathway in Chlamydia trachomatis. MBio, 2016, 7, e00090.	1.8	19
27	Emancipating Chlamydia: Advances in the Genetic Manipulation of a Recalcitrant Intracellular Pathogen. Microbiology and Molecular Biology Reviews, 2016, 80, 411-427.	2.9	46
28	Molecular Genetic Analysis of <i>Chlamydia</i> Species. Annual Review of Microbiology, 2016, 70, 179-198.	2.9	29
29	Genomic sequencing-based mutational enrichment analysis identifies motility genes in a genetically intractable gut microbe. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14127-14132.	3.3	10
30	The Chlamydia trachomatis Protease CPAF Contains a Cryptic PDZ-Like Domain with Similarity to Human Cell Polarity and Tight Junction PDZ-Containing Proteins. PLoS ONE, 2016, 11, e0147233.	1.1	2
31	A Chlamydia trachomatis strain with a chemically generated amino acid substitution (P370L) in the cthtrA gene shows reduced elementary body production. BMC Microbiology, 2015, 15, 194.	1.3	8
32	PL03.1â€…Advances in chlamydia genetics â€“ from understanding basic biology to vaccine design. Sexually Transmitted Infections, 2015, 91, A3.1-A3.	0.8	0
33	Differential Translocation of Host Cellular Materials into the Chlamydia trachomatis Inclusion Lumen during Chemical Fixation. PLoS ONE, 2015, 10, e0139153.	1.1	25
34	A 2-Pyridone-Amide Inhibitor Targets the Glucose Metabolism Pathway of Chlamydia trachomatis. MBio, 2015, 6, e02304-14.	1.8	22
35	Global Mapping of the Inc-Human Interactome Reveals that Retromer Restricts Chlamydia Infection. Cell Host and Microbe, 2015, 18, 109-121.	5.1	174
36	Integrating Chemical Mutagenesis and Whole-Genome Sequencing as a Platform for Forward and Reverse Genetic Analysis of Chlamydia. Cell Host and Microbe, 2015, 17, 716-725.	5.1	134

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37	Coxiella burnetii Effector Proteins That Localize to the Parasitophorous Vacuole Membrane Promote Intracellular Replication. Infection and Immunity, 2015, 83, 661-670.	1.0	79
38	Chlamydia trachomatis Infection Leads to Defined Alterations to the Lipid Droplet Proteome in Epithelial Cells. PLoS ONE, 2015, 10, e0124630.	1.1	51
39	New Tools for Virulence Gene Discovery. , 2014, , 473-488.		0
40	Cell biology at the hostâ€“microbe interface. Molecular Biology of the Cell, 2014, 25, 729-729.	0.9	1
41	The Chlamydia trachomatis Type III Secretion Chaperone Slc1 Engages Multiple Early Effectors, Including TepP, a Tyrosine-phosphorylated Protein Required for the Recruitment of CrkI-II to Nascent Inclusions and Innate Immune Signaling. PLoS Pathogens, 2014, 10, e1003954.	2.1	83
42	Search for MicroRNAs Expressed by Intracellular Bacterial Pathogens in Infected Mammalian Cells. PLoS ONE, 2014, 9, e106434.	1.1	59
43	Reassessing the role of the secreted protease CPAF in<i>Chlamydia trachomatis</i>infection through genetic approaches. Pathogens and Disease, 2014, 71, 336-351.	0.8	126
44	A Chemical Mutagenesis Approach to Identify Virulence Determinants in the Obligate Intracellular Pathogen Chlamydia trachomatis. Methods in Molecular Biology, 2014, 1197, 347-358.	0.4	7
45	Forward Genetic Approaches in Chlamydia trachomatis. Journal of Visualized Experiments, 2013, , e50636.	0.2	31
46	Chlamydial Intracellular Survival Strategies. Cold Spring Harbor Perspectives in Medicine, 2013, 3, a010256-a010256.	2.9	192
47	Mutations in <i>hemG</i> Mediate Resistance to Salicylidene Acylhydrazides, Demonstrating a Novel Link between Protoporphyrinogen Oxidase (HemG) and Chlamydia trachomatis Infectivity. Journal of Bacteriology, 2013, 195, 4221-4230.	1.0	41
48	STING-Dependent Recognition of Cyclic di-AMP Mediates Type I Interferon Responses during Chlamydia trachomatis Infection. MBio, 2013, 4, e00018-13.	1.8	201
49	IRG and GBP Host Resistance Factors Target Aberrant, â€œNon-selfâ€• Vacuoles Characterized by the Missing of â€œSelfâ€• IRGM Proteins. PLoS Pathogens, 2013, 9, e1003414.	2.1	163
50	Virulence determinants in the obligate intracellular pathogen <i>Chlamydia trachomatis</i> revealed by forward genetic approaches. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1263-1268.	3.3	139
51	Thinking outside the box: new strategies for antichlamydial control. Future Microbiology, 2012, 7, 427-429.	1.0	3
52	Emerging Roles for Lipid Droplets in Immunity and Host-Pathogen Interactions. Annual Review of Cell and Developmental Biology, 2012, 28, 411-437.	4.0	186
53	Human Genome-Wide RNAi Screen for Host Factors That Modulate Intracellular Salmonella Growth. PLoS ONE, 2012, 7, e38097.	1.1	18
54	<i>Chlamydia</i> Protease-like Activity Factor (CPAF): Characterization of Proteolysis Activity in Vitro and Development of a Nanomolar Affinity CPAF Zymogen-Derived Inhibitor. Biochemistry, 2011, 50, 7441-7443.	1.2	14

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55	The Chlamydia Protease CPAF Regulates Host and Bacterial Proteins to Maintain Pathogen Vacuole Integrity and Promote Virulence. Cell Host and Microbe, 2011, 10, 21-32.	5.1	82
56	Quantitative proteomics reveals metabolic and pathogenic properties of <i>Chlamydia trachomatis</i> developmental forms. Molecular Microbiology, 2011, 82, 1185-1203.	1.2	171
57	Lipooligosaccharide is required for the generation of infectious elementary bodies in <i>Chlamydia trachomatis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10284-10289.	3.3	42
58	cPLA2 Regulates the Expression of Type I Interferons and Intracellular Immunity to Chlamydia trachomatis. Journal of Biological Chemistry, 2010, 285, 21625-21635.	1.6	37
59	Acquisition of nutrients by Chlamydiae: unique challenges of living in an intracellular compartment. Current Opinion in Microbiology, 2010, 13, 4-10.	2.3	98
60	Uncivil engineers:Chlamydia,SalmonellaandShigellaalter cytoskeleton architecture to invade epithelial cells. Future Microbiology, 2010, 5, 1219-1232.	1.0	25
61	The Chlamydia Type III Secretion System C-ring Engages a Chaperone-Effector Protein Complex. PLoS Pathogens, 2009, 5, e1000579.	2.1	87
62	New insights into<i>Chlamydia</i>intracellular survival mechanisms. Cellular Microbiology, 2009, 11, 1571-1578.	1.1	90
63	Leading a Sheltered Life: Intracellular Pathogens and Maintenance of Vacuolar Compartments. Cell Host and Microbe, 2009, 5, 593-601.	5.1	153
64	Hostâ€"microbe interactions: bacteria. Current Opinion in Microbiology, 2009, 12, 1-3.	2.3	50
65	Chlamydia effector proteins and new insights into chlamydial cellular microbiology. Current Opinion in Microbiology, 2008, 11, 53-59.	2.3	145
66	Actin and Intermediate Filaments Stabilize the Chlamydia trachomatis Vacuole by Forming Dynamic Structural Scaffolds. Cell Host and Microbe, 2008, 4, 159-169.	5.1	189
67	Cytoplasmic lipid droplets are translocated into the lumen of the <i>Chlamydia trachomatis</i> parasitophorous vacuole. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9379-9384.	3.3	277
68	Pmp-Like Proteins Pls1 and Pls2 Are Secreted into the Lumen of the <i>Chlamydia trachomatis</i> Inclusion. Infection and Immunity, 2008, 76, 3940-3950.	1.0	46
69	Reorganization of the host cytoskeleton by the intracellular pathogenChlamydia trachomatis. Communicative and Integrative Biology, 2008, 1, 175-177.	0.6	17
70	Identification of host-induced pathogen genes by differential fluorescence induction reporter systems. Nature Protocols, 2007, 2, 770-777.	5.5	53
71	Endosymbiosis: The Evil within. Current Biology, 2007, 17, R408-R410.	1.8	14
72	Multifunctional analysis of Chlamydia â€specific genes in a yeast expression system. Molecular Microbiology, 2006, 60, 51-66.	1.2	93

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73	The Obligate Intracellular Pathogen Chlamydia trachomatis Targets Host Lipid Droplets. Current Biology, 2006, 16, 1646-1651.	1.8	193
74	The uses of green fluorescent protein in prokaryotes. Methods of Biochemical Analysis, 2006, 47, 163-78.	0.2	7
75	The Uses of Green Fluorescent Protein in Prokaryotes. Methods of Biochemical Analysis, 2005, , 163-178.	0.2	6
76	Modeling the Function of Bacterial Virulence Factors in Saccharomyces cerevisiae. Eukaryotic Cell, 2004, 3, 827-834.	3.4	45
77	The CD14 receptor does not mediate entry ofMycobacterium tuberculosisinto human mononuclear phagocytes. FEMS Immunology and Medical Microbiology, 2003, 36, 63-69.	2.7	28
78	The yeasts Rho1p and Pkc1p regulate the transport of chitin synthase III (Chs3p) from internal stores to the plasma membrane. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10287-10292.	3.3	139
79	The Yeast Clathrin Adaptor Protein Complex 1 Is Required for the Efficient Retention of a Subset of Late Golgi Membrane Proteins. Developmental Cell, 2002, 2, 283-294.	3.1	197
80	[4] Applications of gene fusions to green fluorescent protein and flow cytometry to the study of bacterial gene expression in host cells. Methods in Enzymology, 2000, 326, 47-73.	0.4	21
81	mig-14 Is a Horizontally Acquired, Host-Induced Gene Required for Salmonella enterica Lethal Infection in the Murine Model of Typhoid Fever. Infection and Immunity, 2000, 68, 7126-7131.	1.0	31
82	Extraintestinal dissemination of Salmonella by CD18-expressing phagocytes. Nature, 1999, 401, 804-808.	13.7	606
83	Regulatory network analysis. Trends in Microbiology, 1999, 7, 398-399.	3.5	3
84	Macrophage-dependent induction of theSalmonellapathogenicity island 2 type III secretion system and its role in intracellular survival. Molecular Microbiology, 1998, 30, 175-188.	1.2	563
85	Flow cytometry and bacterial pathogenesis. Current Opinion in Microbiology, 1998, 1, 359-363.	2.3	41
86	1.1 Detection of Virulence Genes Expressed within Infected Cells. Methods in Microbiology, 1998, , 3-12.	0.4	1
87	Fluorescence-Based Isolation of Bacterial Genes Expressed Within Host Cells. Science, 1997, 277, 2007-2011.	6.0	575
88	Probing bacterial gene expression within host cells. Trends in Microbiology, 1997, 5, 360-363.	3.5	54
89	FACS-optimized mutants of the green fluorescent protein (GFP). Gene, 1996, 173, 33-38.	1.0	2,830
90	Applications for green fluorescent protein (GFP) in the study of hostpathogen interactions. Gene, 1996, 173, 47-52.	1.0	276

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91	Bacterial genetics by flow cytometry: rapid isolation ofSalmonella typhimuriumacid-inducible promoters by differential fluorescence induction. Molecular Microbiology, 1996, 22, 367-378.	1.2	442
92	Cell Biology of the Chlamydial Inclusion. , 0, , 170-191.		3