Eva Medina

List of Publications by Year
in descending order

59 papers	3,577 citations	159585 30 h-index	138484 58 g-index
61 all docs	61 docs citations	61 times ranked	5432 citing authors

#	Article	IF	Citations
1	Phagocytosis-independent antimicrobial activity of mast cells by means of extracellular trap formation. Blood, 2008, 111, 3070-3080.	1.4	491
2	<i>Staphylococcus aureus</i> phenotype switching: an effective bacterial strategy to escape host immune response and establish a chronic infection. EMBO Molecular Medicine, 2011, 3, 129-141.	6.9	401
3	Tackling Threats and Future Problems of Multidrug-Resistant Bacteria. Current Topics in Microbiology and Immunology, 2016, 398, 3-33.	1.1	178
4	The expanding world of extracellular traps: not only neutrophils but much more. Frontiers in Immunology, 2012, 3, 420.	4.8	166
5	Immunological Mechanisms Underlying the Genetic Predisposition to Severe Staphylococcus aureus Infection in the Mouse Model. American Journal of Pathology, 2008, 173, 1657-1668.	3.8	115
6	Comparative evaluation of establishing a human gut microbial community within rodent models. Gut Microbes, 2012, 3, 234-249.	9.8	113
7	A Novel Mouse Model of Staphylococcus aureus Chronic Osteomyelitis That Closely Mimics the Human Infection. American Journal of Pathology, 2012, 181, 1206-1214.	3.8	107
8	Phagocytosis Escape by a Staphylococcus aureus Protein That Connects Complement and Coagulation Proteins at the Bacterial Surface. PLoS Pathogens, 2013, 9, e1003816.	4.7	103
9	Role of Macrophages in Host Resistance to Group A Streptococci. Infection and Immunity, 2004, 72, 2956-2963.	2.2	101
10	Neutrophil Extracellular Traps: A Strategic Tactic to Defeat Pathogens with Potential Consequences for the Host. Journal of Innate Immunity, 2009, 1, 176-180.	3.8	94
11	A Major Role for Myeloid-Derived Suppressor Cells and a Minor Role for Regulatory T Cells in Immunosuppression during <i>Staphylococcus aureus</i> Infection. Journal of Immunology, 2015, 194, 1100-1111.	0.8	89
12	Mast cells as protectors of health. Journal of Allergy and Clinical Immunology, 2019, 144, S4-S18.	2.9	88
13	The role of coagulation/fibrinolysis during Streptococcus pyogenes infection. Frontiers in Cellular and Infection Microbiology, 2014, 4, 128.	3.9	86
14	<i>Streptococcus pyogenes</i>induces oncosis in macrophages through the activation of an inflammatory programmed cell death pathway. Cellular Microbiology, 2009, 11, 138-155.	2.1	80
15	Repurposing human kinase inhibitors to create an antibiotic active against drug-resistant Staphylococcus aureus, persisters and biofilms. Nature Chemistry, 2020, 12, 145-158.	13.6	78
16	Staphylococcus aureus Evades the Extracellular Antimicrobial Activity of Mast Cells by Promoting Its Own Uptake. Journal of Innate Immunity, 2011, 3, 495-507.	3.8	76
17	Myeloid-Derived Suppressor Cells in Infection: A General Overview. Journal of Innate Immunity, 2018, 10, 407-413.	3.8	76
18	High-Resolution Transcriptomic Analysis of the Adaptive Response of Staphylococcus aureus during Acute and Chronic Phases of Osteomyelitis. MBio, 2014, 5, .	4.1	65

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19	IL-10 Plays Opposing Roles during <i>Staphylococcus aureus</i> Systemic and Localized Infections. Journal of Immunology, 2017, 198, 2352-2365.	0.8	65
20	Immune Recognition of<i>Streptococcus pyogenes</i>by Dendritic Cells. Infection and Immunity, 2008, 76, 2785-2792.	2.2	60
21	Genetic Control of Susceptibility to Group A Streptococcal Infection in Mice. Journal of Infectious Diseases, 2001, 184, 846-852.	4.0	59
22	Host-inherent variability influences the transcriptional response of Staphylococcus aureus during in vivo infection. Nature Communications, 2017, 8, 14268.	12.8	58
23	The dynamics of T cells during persistent <i>Staphylococcus aureus</i> infection: from antigenâ€reactivity to <i>in vivo</i> anergy. EMBO Molecular Medicine, 2011, 3, 652-666.	6.9	56
24	Methicillin-Sensitive and Methicillin-Resistant Staphylococcus aureus Nasal Carriage in a Random Sample of Non-Hospitalized Adult Population in Northern Germany. PLoS ONE, 2014, 9, e107937.	2.5	55
25	Dendritic Cells Are Central Coordinators of the Host Immune Response to Staphylococcus aureus Bloodstream Infection. American Journal of Pathology, 2012, 181, 1327-1337.	3.8	54
26	Exploring the transcriptome of Staphylococcus aureus in its natural niche. Scientific Reports, 2016, 6, 33174.	3.3	52
27	Staphylococcus aureus strategies to evade the host acquired immune response. International Journal of Medical Microbiology, 2018, 308, 625-630.	3.6	49
28	Identification of a Novel Subset of Myeloid-Derived Suppressor Cells During Chronic Staphylococcal Infection That Resembles Immature Eosinophils. Journal of Infectious Diseases, 2017, 216, 1444-1451.	4.0	48
29	The Contribution of Dendritic Cells to Host Defenses against<i>Streptococcus pyogenes</i>. Journal of Infectious Diseases, 2007, 196, 1794-1803.	4.0	46
30	Immune Mechanisms Underlying Host Susceptibility to Infection with Group A Streptococci. Journal of Infectious Diseases, 2003, 187, 854-861.	4.0	39
31	A Chemical Disruptor of the ClpX Chaperone Complex Attenuates the Virulence of Multidrugâ€Resistant <i>Staphylococcus aureus</i>. Angewandte Chemie - International Edition, 2017, 56, 15746-15750.	13.8	34
32	Aberrant Inflammatory Response to Streptococcus pyogenes in Mice Lacking Myeloid Differentiation Factor 88. American Journal of Pathology, 2010, 176, 754-763.	3.8	32
33	Mesaconate is synthesized from itaconate and exerts immunomodulatory effects in macrophages. Nature Metabolism, 2022, 4, 524-533.	11.9	32
34	Protective Role of Complement C5a in an Experimental Model of <i>Staphylococcus aureus</i> Bacteremia. Journal of Innate Immunity, 2010, 2, 87-92.	3.8	30
35	Staphylococcus aureus-induced clotting of plasma is an immune evasion mechanism for persistence within the fibrin network. Microbiology (United Kingdom), 2015, 161, 621-627.	1.8	30
36	Î±-Hemolysin enhances<i>Staphylococcus aureus</i>internalization and survival within mast cells by modulating the expression of Î²1 integrin. Cellular Microbiology, 2016, 18, 807-819.	2.1	29

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37	Liposomal mupirocin holds promise for systemic treatment of invasive Staphylococcus aureus infections. Journal of Controlled Release, 2019, 316, 292-301.	9.9	27
38	Murine Model of Polymicrobial Septic Peritonitis Using Cecal Ligation and Puncture (CLP). Methods in Molecular Biology, 2010, 602, 411-415.	0.9	25
39	Prognostic Value and Therapeutic Potential of TREM-1 in <i>Streptococcus pyogenes-</i>Induced Sepsis. Journal of Innate Immunity, 2013, 5, 581-590.	3.8	24
40	The Role of the MHC on Resistance to Group A Streptococci in Mice. Journal of Immunology, 2005, 175, 3862-3872.	0.8	20
41	Ageâ€related susceptibility to <i>Streptococcus pyogenes</i> infection in mice: underlying immune dysfunction and strategy to enhance immunity. Journal of Pathology, 2010, 220, 521-529.	4.5	14
42	The emerging potential of microbiome transplantation on human health interventions. Computational and Structural Biotechnology Journal, 2022, 20, 615-627.	4.1	14
43	Staphylococcus aureus Alpha-Toxin Limits Type 1 While Fostering Type 3 Immune Responses. Frontiers in Immunology, 2020, 11, 1579.	4.8	12
44	An Interferon Signature Discriminates Pneumococcal From Staphylococcal Pneumonia. Frontiers in Immunology, 2018, 9, 1424.	4.8	11
45	Murine Model of Cutaneous Infection with Streptococcus pyogenes. Methods in Molecular Biology, 2010, 602, 395-403.	0.9	10
46	Differential Contributions of the Complement Anaphylotoxin Receptors C5aR1 and C5aR2 to the Early Innate Immune Response against Staphylococcus aureus Infection. Pathogens, 2015, 4, 722-738.	2.8	10
47	Murine Model of Pneumococcal Pneumonia. Methods in Molecular Biology, 2010, 602, 405-410.	0.9	9
48	Application of a Novel â€œPan-Genomeâ€•Based Strategy for Assigning RNAseq Transcript Reads to Staphylococcus aureus Strains. PLoS ONE, 2015, 10, e0145861.	2.5	9
49	Group A <i>Streptococcus</i> Modulates Host Inflammation by Manipulating Polymorphonuclear Leukocyte Cell Death Responses. Journal of Innate Immunity, 2015, 7, 612-622.	3.8	9
50	Zirconyl Clindamycinphosphate Antibiotic Nanocarriers for Targeting Intracellular Persisting <i>Staphylococcus aureus</i>. ACS Omega, 2018, 3, 8589-8594.	3.5	8
51	Local activation of coagulation factor XIII reduces systemic complications and improves the survival of mice after Streptococcus pyogenes M1 skin infection. International Journal of Medical Microbiology, 2016, 306, 572-579.	3.6	7
52	Longitudinal proliferation mapping in vivo reveals NADPH oxidase-mediated dampening of Staphylococcus aureus growth rates within neutrophils. Scientific Reports, 2019, 9, 5703.	3.3	7
53	Identification of a Novel LysR-Type Transcriptional Regulator in Staphylococcus aureus That Is Crucial for Secondary Tissue Colonization during Metastatic Bloodstream Infection. MBio, 2020, 11, .	4.1	7
54	Dysregulated Immunometabolism Is Associated with the Generation of Myeloid-Derived Suppressor Cells in <i>Staphylococcus aureus</i> Chronic Infection. Journal of Innate Immunity, 2022, 14, 257-274.	3.8	7

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55	In Vivo and Ex Vivo Protocols for Measuring the Killing of Extracellular Pathogens by Macrophages. Current Protocols in Immunology, 2011, 92, Unit 14.19.1-17.	3.6	3
56	Changed Expression of Cytoskeleton Proteins During Lung Injury in a Mouse Model of Streptococcus pneumoniae Infection. Frontiers in Microbiology, 2018, 9, 928.	3.5	3
57	Cytosolic Sensing of Intracellular <i>Staphylococcus aureus</i> by Mast Cells Elicits a Type I IFN Response That Enhances Cell-Autonomous Immunity. Journal of Immunology, 2022, 208, 1675-1685.	0.8	3
58	Beyond the NETs. Journal of Innate Immunity, 2009, 1, 175-175.	3.8	2
59	Novel Experimental Models for Dissecting Genetic Susceptibility of Superantigen-Mediated Diseases. , 0, , 183-194.		1