

Reto Guler

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

4,918
citations

172457

29
h-index

189892

50
g-index

55
all docs

55
docs citations

55
times ranked

10271
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A promoter-level mammalian expression atlas. <i>Nature</i> , 2014, 507, 462-470. | 27.8 | 1,838 |
| 2 | Transcribed enhancers lead waves of coordinated transcription in transitioning mammalian cells. <i>Science</i> , 2015, 347, 1010-1014. | 12.6 | 517 |
| 3 | Syk Kinase-Coupled C-type Lectin Receptors Engage Protein Kinase C- β to Elicit Card9 Adaptor-Mediated Innate Immunity. <i>Immunity</i> , 2012, 36, 32-42. | 14.3 | 249 |
| 4 | Statin Therapy Reduces the Mycobacterium tuberculosis Burden in Human Macrophages and in Mice by Enhancing Autophagy and Phagosome Maturation. <i>Journal of Infectious Diseases</i> , 2014, 209, 754-763. | 4.0 | 245 |
| 5 | FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , 2017, 4, 170112. | 5.3 | 195 |
| 6 | The C-type Lectin Receptor CLECSF8 (CLEC4D) Is Expressed by Myeloid Cells and Triggers Cellular Activation through Syk Kinase. <i>Journal of Biological Chemistry</i> , 2012, 287, 25964-25974. | 3.4 | 110 |
| 7 | Functional annotation of human long noncoding RNAs via molecular phenotyping. <i>Genome Research</i> , 2020, 30, 1060-1072. | 5.5 | 109 |
| 8 | Transmembrane TNF Induces an Efficient Cell-Mediated Immunity and Resistance to <i>Mycobacterium bovis</i> Bacillus Calmette-Guérin Infection in the Absence of Secreted TNF and Lymphotoxin- β . <i>Journal of Immunology</i> , 2002, 168, 3394-3401. | 0.8 | 107 |
| 9 | A Virus-Like Particle-Based Vaccine Selectively Targeting Soluble TNF- β Protects from Arthritis without Inducing Reactivation of Latent Tuberculosis. <i>Journal of Immunology</i> , 2007, 178, 7450-7457. | 0.8 | 104 |
| 10 | Statins: a viable candidate for host-directed therapy against infectious diseases. <i>Nature Reviews Immunology</i> , 2019, 19, 104-117. | 22.7 | 95 |
| 11 | Transcriptional landscape of Mycobacterium tuberculosis infection in macrophages. <i>Scientific Reports</i> , 2018, 8, 6758. | 3.3 | 92 |
| 12 | Batf2/Irf1 Induces Inflammatory Responses in Classically Activated Macrophages, Lipopolysaccharides, and Mycobacterial Infection. <i>Journal of Immunology</i> , 2015, 194, 6035-6044. | 0.8 | 83 |
| 13 | Contribution of Transmembrane Tumor Necrosis Factor to Host Defense against Mycobacterium bovis Bacillus Calmette-Guérin and Mycobacterium tuberculosis Infections. <i>American Journal of Pathology</i> , 2005, 166, 1109-1120. | 3.8 | 80 |
| 14 | Lethal Mycobacterium Bovis Bacillus Calmette Guérin Infection in Nitric Oxide Synthase 2-Deficient Mice: Cell-Mediated Immunity Requires Nitric Oxide Synthase 2. <i>Laboratory Investigation</i> , 2000, 80, 1385-1397. | 3.7 | 76 |
| 15 | The Role of Scavenger Receptor B1 in Infection with Mycobacterium tuberculosis in a Murine Model. <i>PLoS ONE</i> , 2009, 4, e8448. | 2.5 | 64 |
| 16 | The Syk/CARD9-coupled receptor Dectin-1 is not required for host resistance to Mycobacterium tuberculosis in mice. <i>Microbes and Infection</i> , 2011, 13, 198-201. | 1.9 | 61 |
| 17 | Inhibition of inducible nitric oxide synthase protects against liver injury induced by mycobacterial infection and endotoxins. <i>Journal of Hepatology</i> , 2004, 41, 773-781. | 3.7 | 54 |
| 18 | Redefining the transcriptional regulatory dynamics of classically and alternatively activated macrophages by deepCAGE transcriptomics. <i>Nucleic Acids Research</i> , 2015, 43, 6969-6982. | 14.5 | 54 |

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|----|--|-----|-----------|
| 19 | Blocking IL-1 β but not IL-1 β increases susceptibility to chronic Mycobacterium tuberculosis infection in mice. <i>Vaccine</i> , 2011, 29, 1339-1346. | 3.8 | 53 |
| 20 | Differential effects of TNF and LT β in the host defense against <i>M. bovis</i> BCG. <i>European Journal of Immunology</i> , 2001, 31, 1935-1943. | 2.9 | 49 |
| 21 | The gut microbiome in tuberculosis susceptibility and treatment response: guilty or not guilty?. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1497-1509. | 5.4 | 48 |
| 22 | Preclinical efficacy and safety of an anti-IL-1 β vaccine for the treatment of type 2 diabetes. <i>Molecular Therapy - Methods and Clinical Development</i> , 2014, 1, 14048. | 4.1 | 47 |
| 23 | Host-directed drug therapy for tuberculosis. <i>Nature Chemical Biology</i> , 2015, 11, 748-751. | 8.0 | 44 |
| 24 | Both the Fas Ligand and Inducible Nitric Oxide Synthase Are Needed for Control of Parasite Replication within Lesions in Mice Infected with <i>Leishmania major</i> whereas the Contribution of Tumor Necrosis Factor Is Minimal. <i>Infection and Immunity</i> , 2003, 71, 5287-5295. | 2.2 | 42 |
| 25 | Genome-wide profiling of transcribed enhancers during macrophage activation. <i>Epigenetics and Chromatin</i> , 2017, 10, 50. | 3.9 | 41 |
| 26 | A role for lymphotoxin β receptor in host defense against <i>Mycobacterium bovis</i> BCG infection. <i>European Journal of Immunology</i> , 1999, 29, 4002-4010. | 2.9 | 40 |
| 27 | Simvastatin Enhances Protection against <i>Listeria monocytogenes</i> Infection in Mice by Counteracting <i>Listeria</i> -Induced Phagosomal Escape. <i>PLoS ONE</i> , 2013, 8, e75490. | 2.5 | 39 |
| 28 | Differential Targeting of c-Maf, Bach-1, and Elmo-1 by microRNA-143 and microRNA-365 Promotes the Intracellular Growth of <i>Mycobacterium tuberculosis</i> in Alternatively IL-4/IL-13 Activated Macrophages. <i>Frontiers in Immunology</i> , 2019, 10, 421. | 4.8 | 37 |
| 29 | Protein kinase C δ is essential for optimal macrophage-mediated phagosomal containment of <i>Listeria monocytogenes</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16251-16256. | 7.1 | 35 |
| 30 | Targeting <i>Batf2</i> for infectious diseases and cancer. <i>Oncotarget</i> , 2015, 6, 26575-26582. | 1.8 | 31 |
| 31 | Limited Role for Lymphotoxin β in the Host Immune Response to <i>Mycobacterium tuberculosis</i> . <i>Journal of Immunology</i> , 2010, 185, 4292-4301. | 0.8 | 26 |
| 32 | Differential Effects of Total and Partial Neutralization of Tumor Necrosis Factor on Cell-Mediated Immunity to <i>Mycobacterium bovis</i> BCG Infection. <i>Infection and Immunity</i> , 2005, 73, 3668-3676. | 2.2 | 25 |
| 33 | CD28 and IL-4: two heavyweights controlling the balance between immunity and inflammation. <i>Medical Microbiology and Immunology</i> , 2010, 199, 239-246. | 4.8 | 23 |
| 34 | IL-4R α -Dependent Alternative Activation of Macrophages Is Not Decisive for <i>Mycobacterium tuberculosis</i> Pathology and Bacterial Burden in Mice. <i>PLoS ONE</i> , 2015, 10, e0121070. | 2.5 | 23 |
| 35 | PKC δ regulates IL-12p40/p70 production by macrophages and dendritic cells, driving a type 1 healer phenotype in cutaneous leishmaniasis. <i>European Journal of Immunology</i> , 2011, 41, 706-715. | 2.9 | 21 |
| 36 | Targeting Molecular Inflammatory Pathways in Granuloma as Host-Directed Therapies for Tuberculosis. <i>Frontiers in Immunology</i> , 2021, 12, 733853. | 4.8 | 20 |

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|----|--|-----|-----------|
| 37 | Batf2 differentially regulates tissue immunopathology in Type 1 and Type 2 diseases. <i>Mucosal Immunology</i> , 2019, 12, 390-402. | 6.0 | 19 |
| 38 | Circulating concentrations of interleukin-18, interleukin-18 binding protein, and gamma interferon in patients with alcoholic hepatitis. <i>Liver International</i> , 2004, 24, 582-587. | 3.9 | 18 |
| 39 | Evaluation of minor groove binders (MGBs) as novel anti-mycobacterial agents and the effect of using non-ionic surfactant vesicles as a delivery system to improve their efficacy. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 3334-3341. | 3.0 | 18 |
| 40 | Transcriptionally induced enhancers in the macrophage immune response to <i>Mycobacterium tuberculosis</i> infection. <i>BMC Genomics</i> , 2019, 20, 71. | 2.8 | 16 |
| 41 | An evaluation of Minor Groove Binders as anti-fungal and anti-mycobacterial therapeutics. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 561-572. | 5.5 | 15 |
| 42 | IRNdb: the database of immunologically relevant non-coding RNAs. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw138. | 3.0 | 12 |
| 43 | IL-4R α Signaling in Keratinocytes and Early IL-4 Production Are Dispensable for Generating a Curative T Helper 1 Response in <i>Leishmania major</i> -Infected C57BL/6 Mice. <i>Frontiers in Immunology</i> , 2017, 8, 1265. | 4.8 | 12 |
| 44 | Toward Preparing a Knowledge Base to Explore Potential Drugs and Biomedical Entities Related to COVID-19: Automated Computational Approach. <i>JMIR Medical Informatics</i> , 2020, 8, e21648. | 2.6 | 9 |
| 45 | Evaluation of Berberine as an Adjunct to TB Treatment. <i>Frontiers in Immunology</i> , 2021, 12, 656419. | 4.8 | 8 |
| 46 | Intranasally administered S-MGB-364 displays antitubercular activity and modulates the host immune response to <i>Mycobacterium tuberculosis</i> infection. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 1061-1071. | 3.0 | 5 |
| 47 | Deletion of N-acetylmuramyl-L-alanine amidases alters the host immune response to <i>Mycobacterium tuberculosis</i> infection. <i>Virulence</i> , 2021, 12, 1227-1238. | 4.4 | 3 |
| 48 | IL-4i1 Regulation of Immune Protection During <i>Mycobacterium tuberculosis</i> Infection. <i>Journal of Infectious Diseases</i> , 2021, 224, 2170-2180. | 4.0 | 3 |
| 49 | Protocol for systematic review and meta-analysis: impact of statins as immune-modulatory agents on inflammatory markers in adults with chronic diseases. <i>BMJ Open</i> , 2020, 10, e039034. | 1.9 | 1 |
| 50 | MIREyA: a computational approach to detect miRNA-directed gene activation. <i>F1000Research</i> , 2021, 10, 249. | 1.6 | 1 |