

Vikram Saini

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,504
citations

279798

23
h-index

330143

37
g-index

53
all docs

53
docs citations

53
times ranked

2466
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and utility of a series of novel copper(II) complexes as excellent surface disinfectants against nosocomial infections. Dalton Transactions, 2021, 50, 13699-13711.	3.3	14
2	Exploring salivary diagnostics in COVID-19: a scoping review and research suggestions. BDJ Open, 2021, 7, 8.	2.1	37
3	Targeting endogenous gaseous signaling molecules as novel host-directed therapies against tuberculosis infection. Free Radical Research, 2021, 55, 655-670.	3.3	5
4	Mycobacterium tuberculosis H2S Functions as a Sink to Modulate Central Metabolism, Bioenergetics, and Drug Susceptibility. Antioxidants, 2021, 10, 1285.	5.1	9
5	Metal organic framework as a fluorescent sensor for Zr(IV) ions and selective adsorbent for organic dyes. Microchemical Journal, 2021, 171, 106824.	4.5	22
6	Oxalate Alters Cellular Bioenergetics, Redox Homeostasis, Antibacterial Response, and Immune Response in Macrophages. Frontiers in Immunology, 2021, 12, 694865.	4.8	13
7	A Cold Chain-Independent Specimen Collection and Transport Medium Improves Diagnostic Sensitivity and Minimizes Biosafety Challenges of COVID-19 Molecular Diagnosis. Microbiology Spectrum, 2021, 9, e0110821.	3.0	6
8	Impact and prognosis of the expression of IFN- γ among tuberculosis patients. PLoS ONE, 2020, 15, e0235488.	2.5	12
9	Oxalate Suppresses Macrophage Immunometabolism and Anti-bacterial response to Uropathogenic E.coli (UPEC) infection. Free Radical Biology and Medicine, 2020, 159, S45.	2.9	0
10	Development of a highly effective low-cost vaporized hydrogen peroxide-based method for disinfection of personal protective equipment for their selective reuse during pandemics. Gut Pathogens, 2020, 12, 29.	3.4	52
11	S-allyl cysteine: A potential compound against skeletal muscle atrophy. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129676.	2.4	7
12	Dehydroacetic acid derived Schiff base as selective and sensitive colorimetric chemosensor for the detection of Cu(II) ions in aqueous medium. Microchemical Journal, 2020, 155, 104705.	4.5	32
13	Hydrogen sulfide stimulates Mycobacterium tuberculosis respiration, growth and pathogenesis. Nature Communications, 2020, 11, 557.	12.8	70
14	Impact and prognosis of the expression of IFN- γ among tuberculosis patients. , 2020, 15, e0235488.		0
15	Impact and prognosis of the expression of IFN- γ among tuberculosis patients. , 2020, 15, e0235488.		0
16	Impact and prognosis of the expression of IFN- γ among tuberculosis patients. , 2020, 15, e0235488.		0
17	Impact and prognosis of the expression of IFN- γ among tuberculosis patients. , 2020, 15, e0235488.		0
18	Activity of a Long-Acting Injectable Bedaquiline Formulation in a Paucibacillary Mouse Model of Latent Tuberculosis Infection. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	36

#	ARTICLE	IF	CITATIONS
19	Treatment-Shortening Effect of a Novel Regimen Combining Clofazimine and High-Dose Rifapentine in Pathologically Distinct Mouse Models of Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	23
20	Cinnamaldehyde regulates H ₂ O ₂ -induced skeletal muscle atrophy by ameliorating the proteolytic and antioxidant defense systems. <i>Journal of Cellular Physiology</i> , 2019, 234, 6194-6208.	4.1	27
21	Oxalate induces mitochondrial dysfunction and disrupts redox homeostasis in a human monocyte derived cell line. <i>Redox Biology</i> , 2018, 15, 207-215.	9.0	54
22	S-allyl cysteine inhibits TNF α -induced skeletal muscle wasting through suppressing proteolysis and expression of inflammatory molecules. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 895-906.	2.4	23
23	Microanatomic Distribution of Myeloid Heme Oxygenase-1 Protects against Free Radical-Mediated Immunopathology in Human Tuberculosis. <i>Cell Reports</i> , 2018, 25, 1938-1952.e5.	6.4	34
24	Adjunct antibody administration with standard treatment reduces relapse rates in a murine tuberculosis model of necrotic granulomas. <i>PLoS ONE</i> , 2018, 13, e0197474.	2.5	15
25	Design, synthesis, DFT, docking studies and ADME prediction of some new coumarinyl linked pyrazolylthiazoles: Potential standalone or adjuvant antimicrobial agents. <i>PLoS ONE</i> , 2018, 13, e0196016.	2.5	71
26	Ferritin H Deficiency in Myeloid Compartments Dysregulates Host Energy Metabolism and Increases Susceptibility to Mycobacterium tuberculosis Infection. <i>Frontiers in Immunology</i> , 2018, 9, 860.	4.8	53
27	Impact of Clofazimine Dosing on Treatment Shortening of the First-Line Regimen in a Mouse Model of Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	37
28	Host-pathogen redox dynamics modulate Mycobacterium tuberculosis pathogenesis. <i>Pathogens and Disease</i> , 2018, 76, .	2.0	29
29	Meckel's-Gruber syndrome: ultrasonographic and fetal autopsy correlation. <i>Journal of Ultrasound</i> , 2017, 20, 167-170.	1.3	5
30	A Systematic Approach for Developing Bacteria-Specific Imaging Tracers. <i>Journal of Nuclear Medicine</i> , 2017, 58, 144-150.	5.0	86
31	Mycobacterium tuberculosis arrests host cycle at the G1/S transition to establish long term infection. <i>PLoS Pathogens</i> , 2017, 13, e1006389.	4.7	35
32	Development of a potent invigorator of immune responses endowed with both preventive and therapeutic properties. <i>Biologics: Targets and Therapy</i> , 2017, Volume 11, 55-63.	3.2	14
33	The emerging role of gasotransmitters in the pathogenesis of tuberculosis. <i>Nitric Oxide - Biology and Chemistry</i> , 2016, 59, 28-41.	2.7	29
34	Ergothioneine Maintains Redox and Bioenergetic Homeostasis Essential for Drug Susceptibility and Virulence of Mycobacterium tuberculosis. <i>Cell Reports</i> , 2016, 14, 572-585.	6.4	124
35	Hydrogen Sulfide Alters M. Tuberculosis Bioenergetics and Promotes Tuberculosis Disease. <i>Free Radical Biology and Medicine</i> , 2015, 87, S141.	2.9	0
36	The Physiology and Genetics of Oxidative Stress in Mycobacteria. <i>Microbiology Spectrum</i> , 2014, 2, .	3.0	27

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37	Mechanistic Insights into the Role of Hydrogen Sulfide in Mycobacterial Disease and Persistence. <i>Free Radical Biology and Medicine</i> , 2013, 65, S62.	2.9	0
38	Protein-Protein Interaction in the -Omics Era: Understanding Mycobacterium tuberculosis Function. , 2013, , 79-106.		0
39	Massive gene acquisitions in Mycobacterium indicus pranii provide a perspective on mycobacterial evolution. <i>Nucleic Acids Research</i> , 2012, 40, 10832-10850.	14.5	36
40	Heme oxygenase-1 promotes granuloma development and protects against dissemination of mycobacteria. <i>Laboratory Investigation</i> , 2012, 92, 1541-1552.	3.7	38
41	Environmental Heme-Based Sensor Proteins: Implications for Understanding Bacterial Pathogenesis. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1232-1245.	5.4	30
42	<i>Mycobacterium tuberculosis</i> WhiB3: A Novel Iron-Sulfur Cluster Protein That Regulates Redox Homeostasis and Virulence. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 687-697.	5.4	41
43	Iron sulfur cluster proteins and microbial regulation: implications for understanding tuberculosis. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 45-53.	6.1	40
44	Redox homeostasis in mycobacteria: the key to tuberculosis control?. <i>Expert Reviews in Molecular Medicine</i> , 2011, 13, e39.	3.9	153
45	Polyphasic Taxonomic Analysis Establishes Mycobacterium indicus pranii as a Distinct Species. <i>PLoS ONE</i> , 2009, 4, e6263.	2.5	78
46	The use of the name Mycobacterium w for the leprosy immunotherapeutic bacillus creates confusion with M. tuberculosis-W (Beijing strain): A suggestion. <i>Infection, Genetics and Evolution</i> , 2008, 8, 100-101.	2.3	23
47	Molecular Analysis of a Leprosy Immunotherapeutic Bacillus Provides Insights into Mycobacterium Evolution. <i>PLoS ONE</i> , 2007, 2, e968.	2.5	39
48	The Physiology and Genetics of Oxidative Stress in Mycobacteria. , 0, , 297-322.		0