

Karrera Y Djoko

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,372
citations

393982

19
h-index

454577

30
g-index

33
all docs

33
docs citations

33
times ranked

2040
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The suppressor of copper sensitivity protein C from <i>Caulobacter crescentus</i> is a trimeric disulfide isomerase that binds copper(I) with subpicomolar affinity. <i>Acta Crystallographica Section D: Structural Biology</i> , 2022, 78, 337-352. | 1.1 | 3 |
| 2 | <i>Streptococcus pyogenes</i> Hijacks Host Glutathione for Growth and Innate Immune Evasion. <i>MBio</i> , 2022, 13, e0067622. | 1.8 | 15 |
| 3 | Copper Cytotoxicity: Cellular Casualties of Noncognate Coordination Chemistry. <i>MBio</i> , 2022, 13, . | 1.8 | 7 |
| 4 | Role of Glutathione in Buffering Excess Intracellular Copper in <i>Streptococcus pyogenes</i> . <i>MBio</i> , 2020, 11, . | 1.8 | 40 |
| 5 | Handling of nutrient copper in the bacterial envelope. <i>Metallomics</i> , 2019, 11, 50-63. | 1.0 | 51 |
| 6 | Group A <i>Streptococcus</i> co-ordinates manganese import and iron efflux in response to hydrogen peroxide stress. <i>Biochemical Journal</i> , 2019, 476, 595-611. | 1.7 | 20 |
| 7 | Copper Ions and Coordination Complexes as Novel Carbapenem Adjuvants. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, . | 1.4 | 31 |
| 8 | Transition Metal Homeostasis in <i>Streptococcus pyogenes</i> and <i>Streptococcus pneumoniae</i> . <i>Advances in Microbial Physiology</i> , 2017, 70, 123-191. | 1.0 | 32 |
| 9 | The PerR-Regulated P _{1B-4} -Type ATPase (PmtA) Acts as a Ferrous Iron Efflux Pump in <i>Streptococcus pyogenes</i> . <i>Infection and Immunity</i> , 2017, 85, . | 1.0 | 24 |
| 10 | Interplay between tolerance mechanisms to copper and acid stress in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6818-6823. | 3.3 | 57 |
| 11 | Copper(II)-bis(thiosemicarbazonato) complexes as anti-chlamydial agents. <i>Pathogens and Disease</i> , 2017, 75, . | 0.8 | 5 |
| 12 | Formaldehyde Stress Responses in Bacterial Pathogens. <i>Frontiers in Microbiology</i> , 2016, 7, 257. | 1.5 | 102 |
| 13 | Structural basis of thiol-based regulation of formaldehyde detoxification in <i>H. influenzae</i> by a MerR regulator with no sensor region. <i>Nucleic Acids Research</i> , 2016, 44, 6981-6993. | 6.5 | 9 |
| 14 | The Role of Copper and Zinc Toxicity in Innate Immune Defense against Bacterial Pathogens. <i>Journal of Biological Chemistry</i> , 2015, 290, 18954-18961. | 1.6 | 324 |
| 15 | Copper(II)-Bis(Thiosemicarbazonato) Complexes as Antibacterial Agents: Insights into Their Mode of Action and Potential as Therapeutics. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6444-6453. | 1.4 | 59 |
| 16 | A genetic screen reveals a periplasmic copper chaperone required for nitrite reductase activity in pathogenic <i>Neisseria</i> . <i>FASEB Journal</i> , 2015, 29, 3828-3838. | 0.2 | 16 |
| 17 | Antimicrobial effects of copper(II) bis(thiosemicarbazonato) complexes provide new insight into their biochemical mode of action. <i>Metallomics</i> , 2014, 6, 854-863. | 1.0 | 38 |
| 18 | Inhibition of respiratory Complex I by copper(II)-bis(thiosemicarbazonato) complexes. <i>Metallomics</i> , 2014, 6, 2250-2259. | 1.0 | 12 |

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|----|---|-----|-----------|
| 19 | A Role for Lactate Dehydrogenases in the Survival of <i>Neisseria gonorrhoeae</i> in Human Polymorphonuclear Leukocytes and Cervical Epithelial Cells. <i>Journal of Infectious Diseases</i> , 2014, 210, 1311-1318. | 1.9 | 23 |
| 20 | Antimicrobial Action of Copper Is Amplified <i>via</i> Inhibition of Heme Biosynthesis. <i>ACS Chemical Biology</i> , 2013, 8, 2217-2223. | 1.6 | 62 |
| 21 | Characterization of an <i>ntrX</i> Mutant of <i>Neisseria gonorrhoeae</i> Reveals a Response Regulator That Controls Expression of Respiratory Enzymes in Oxidase-Positive Proteobacteria. <i>Journal of Bacteriology</i> , 2013, 195, 2632-2641. | 1.0 | 36 |
| 22 | A Glutathione-Dependent Detoxification System Is Required for Formaldehyde Resistance and Optimal Survival of <i>Neisseria meningitidis</i> in Biofilms. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 743-755. | 2.5 | 32 |
| 23 | Phenotypic Characterization of a <i>copA</i> Mutant of <i>Neisseria gonorrhoeae</i> Identifies a Link between Copper and Nitrosative Stress. <i>Infection and Immunity</i> , 2012, 80, 1065-1071. | 1.0 | 43 |
| 24 | A novel nickel responsive MerR-like regulator, NimR, from <i>Haemophilus influenzae</i> . <i>Metallomics</i> , 2011, 3, 1009. | 1.0 | 14 |
| 25 | Novel Bacterial MerR-Like Regulators. <i>Advances in Microbial Physiology</i> , 2011, 58, 1-22. | 1.0 | 24 |
| 26 | Reaction Mechanisms of the Multicopper Oxidase CueO from <i>Escherichia coli</i> Support Its Functional Role as a Cuprous Oxidase. <i>Journal of the American Chemical Society</i> , 2010, 132, 2005-2015. | 6.6 | 94 |
| 27 | Electron paramagnetic resonance characterization of the copper-resistance protein PcoC from <i>Escherichia coli</i> . <i>Journal of Biological Inorganic Chemistry</i> , 2008, 13, 899-907. | 1.1 | 6 |
| 28 | Copper Resistance in <i>E. coli</i> : The Multicopper Oxidase PcoA Catalyzes Oxidation of Copper(I) in $Cu^{I} \rightarrow Cu^{II}$. <i>ChemBioChem</i> , 2008, 9, 1579-1582. | 1.3 | 56 |
| 29 | Conserved Mechanism of Copper Binding and Transfer. A Comparison of the Copper-Resistance Proteins PcoC from <i>Escherichia coli</i> and CopC from <i>Pseudomonas syringae</i> . <i>Inorganic Chemistry</i> , 2007, 46, 4560-4568. | 1.9 | 56 |
| 30 | Aqueous Phase Separation in Giant Vesicles. <i>Journal of the American Chemical Society</i> , 2002, 124, 13374-13375. | 6.6 | 76 |