

Oren S Rosenberg

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

5,471
citations

471509

17
h-index

642732

23
g-index

35
all docs

35
docs citations

35
times ranked

11766
citing authors

#	ARTICLE	IF	CITATIONS
1	A SARS-CoV-2 protein interaction map reveals targets for drug repurposing. <i>Nature</i> , 2020, 583, 459-468.	27.8	3,542
2	Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. <i>Science</i> , 2020, 370, .	12.6	508
3	Engineered ACE2 receptor traps potentially neutralize SARS-CoV-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28046-28055.	7.1	219
4	Global Mapping of the Inc-Human Interactome Reveals that Retromer Restricts Chlamydia Infection. <i>Cell Host and Microbe</i> , 2015, 18, 109-121.	11.0	174
5	Enabling genetic analysis of diverse bacteria with Mobile-CRISPRi. <i>Nature Microbiology</i> , 2019, 4, 244-250.	13.3	163
6	Controlling CRISPR-Cas9 with ligand-activated and ligand-deactivated sgRNAs. <i>Nature Communications</i> , 2019, 10, 2127.	12.8	133
7	Substrates Control Multimerization and Activation of the Multi-Domain ATPase Motor of Type VII Secretion. <i>Cell</i> , 2015, 161, 501-512.	28.9	124
8	Chlamydia interfere with an interaction between the mannose-6-phosphate receptor and sorting nexins to counteract host restriction. <i>ELife</i> , 2017, 6, .	6.0	61
9	The structure of the endogenous ESX-3 secretion system. <i>ELife</i> , 2019, 8, .	6.0	61
10	Imaging Active Infection in vivo Using D-Amino Acid Derived PET Radiotracers. <i>Scientific Reports</i> , 2017, 7, 7903.	3.3	58
11	[¹¹ C]Para-Aminobenzoic Acid: A Positron Emission Tomography Tracer Targeting Bacteria-Specific Metabolism. <i>ACS Infectious Diseases</i> , 2018, 4, 1067-1072.	3.8	54
12	Sensing Living Bacteria <i>in Vivo</i> Using ¹¹ C-Alanine-Derived ¹¹ C Radiotracers. <i>ACS Central Science</i> , 2020, 6, 155-165.	11.3	48
13	Nuclear Imaging of Bacterial Infection: The State of the Art and Future Directions. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1708-1716.	5.0	45
14	Leaks in the Pipeline: a Failure Analysis of Gram-Negative Antibiotic Development from 2010 to 2020. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, e0005422.	3.2	38
15	EspR, a key regulator of <i>Mycobacterium tuberculosis</i> virulence, adopts a unique dimeric structure among helix-turn-helix proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13450-13455.	7.1	33
16	Modulating Pathogenesis with Mobile-CRISPRi. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	31
17	High Enantiomeric Excess In-Loop Synthesis of ¹¹ C-Methionine for Use as a Diagnostic Positron Emission Tomography Radiotracer in Bacterial Infection. <i>ACS Infectious Diseases</i> , 2020, 6, 43-49.	3.8	31
18	Structure of a new DNA-binding domain which regulates pathogenesis in a wide variety of fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10404-10410.	7.1	18

#	ARTICLE	IF	CITATIONS
19	Small Molecule Sensors Targeting the Bacterial Cell Wall. ACS Infectious Diseases, 2020, 6, 1587-1598.	3.8	18
20	Detection of Bacteria-Specific Metabolism Using Hyperpolarized [2- ¹³ C]Pyruvate. ACS Infectious Diseases, 2018, 4, 797-805.	3.8	13
21	Cyclic ⁶⁸ Ga-Labeled Peptides for Specific Detection of Human Angiotensin-Converting Enzyme 2. Journal of Nuclear Medicine, 2021, 62, 1631-1637.	5.0	10
22	First report of tenosynovitis in an immunocompetent person caused by Mycobacterium heraklionense. JMM Case Reports, 2014, 1, .	1.3	8
23	Arabinofuranose-derived positron emission tomography radiotracers for detection of pathogenic microorganisms. Journal of Labelled Compounds and Radiopharmaceuticals, 2020, 63, 231-239.	1.0	5
24	Workshop-based learning and networking: a scalable model for research capacity strengthening in low- and middle-income countries. Global Health Action, 2022, 15, .	1.9	0