

# Menachem Shoham

## List of Publications by Year in descending order

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32  
papers

1,687  
citations

394421

19  
h-index

454955

30  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2239  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Fusobacterium nucleatum</i> adhesin FadA binds vascular endothelial cadherin and alters endothelial integrity. <i>Molecular Microbiology</i> , 2011, 82, 1468-1480.	2.5	216
2	Insights into protein adaptation to a saturated salt environment from the crystal structure of a halophilic 2Fe-2S ferredoxin. <i>Nature Structural Biology</i> , 1996, 3, 452-458.	9.7	207
3	Discovery of a Quorum-Sensing Inhibitor of Drug-Resistant Staphylococcal Infections by Structure-Based Virtual Screening. <i>Molecular Pharmacology</i> , 2008, 73, 1578-1586.	2.3	177
4	Crystal Structure of Colicin E3. <i>Molecular Cell</i> , 2001, 8, 1053-1062.	9.7	143
5	Multiple Wavelength Anomalous Diffraction (MAD) Crystal Structure of Rusticyanin: a Highly Oxidizing Cupredoxin with Extreme Acid Stability. <i>Journal of Molecular Biology</i> , 1996, 263, 730-751.	4.2	127
6	Discovery of Antivirulence Agents against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3645-3652.	3.2	116
7	Crystal Structure of an Anticholera Toxin Peptide Complex at 2.3 Å... <i>Journal of Molecular Biology</i> , 1993, 232, 1169-1175.	4.2	76
8	Arrestin Binding to Calmodulin: A Direct Interaction Between Two Ubiquitous Signaling Proteins. <i>Journal of Molecular Biology</i> , 2006, 364, 955-963.	4.2	72
9	Structure of decay-accelerating factor bound to echovirus 7: A virus-receptor complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10325-10329.	7.1	69
10	Crystal structure of a thermophilic alcohol dehydrogenase substrate complex suggests determinants of substrate specificity and thermostability. , 1999, 37, 619-627.		59
11	Mapping the Binding Site of Six Nonpeptide Antagonists to the Human V <sub>2</sub> -Renal Vasopressin Receptor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 564-571.	2.5	54
12	Molecular modeling and mechanism of action of human decay-accelerating factor. <i>Protein Engineering, Design and Selection</i> , 1996, 9, 1143-1149.	2.1	48
13	Novel Quorum-Quenching Agents Promote Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Wound Healing and Sensitize MRSA to β-Lactam Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1512-1518.	3.2	42
14	Crystal Structure of FadA Adhesin from <i>Fusobacterium nucleatum</i> Reveals a Novel Oligomerization Motif, the Leucine Chain. <i>Journal of Biological Chemistry</i> , 2009, 284, 3865-3872.	3.4	33
15	Small-molecule AgrA inhibitors F12 and F19 act as antivirulence agents against Gram-positive pathogens. <i>Scientific Reports</i> , 2018, 8, 14578.	3.3	32
16	Signal peptide of FadA adhesin from <i>Fusobacterium nucleatum</i> plays a novel structural role by modulating the filament's length and width. <i>FEBS Letters</i> , 2012, 586, 1-6.	2.8	30
17	A structural model for human dihydrolipoamide dehydrogenase. <i>Proteins: Structure, Function and Bioinformatics</i> , 1992, 14, 88-101.	2.6	27
18	Antivirulence agents against MRSA. <i>Future Medicinal Chemistry</i> , 2011, 3, 775-777.	2.3	23

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19	Combinatorial Synthesis and in Vitro Evaluation of a Biaryl Hydroxyketone Library as Antivirulence Agents against MRSA. ACS Combinatorial Science, 2014, 16, 85-91.	3.8	23
20	Crystallization and preliminary X-ray crystallographic studies of rusticyanin from Thiobacillus ferrooxidans. Journal of Molecular Biology, 1992, 227, 581-582.	4.2	22
21	On the interaction of colicin E3 with the ribosome. Biochimie, 2002, 84, 447-454.	2.6	18
22	Crystal structure of colicin E3 immunity protein: an inhibitor of a ribosome-inactivating RNase. Structure, 1999, 7, 1365-1372.	3.3	14
23	Bulk Production and Functional Analyses of Mouse CD55's Native and Deglycosylated Active Domains. Archives of Biochemistry and Biophysics, 2001, 393, 67-72.	3.0	10
24	Prediction of the Structure of the Complex Between the 30S Ribosomal Subunit and Colicin E3 via Weighted-Geometric Docking. Journal of Biomolecular Structure and Dynamics, 2003, 20, 669-675.	3.5	8
25	Structural diversity in a conserved cholera toxin epitope involved in ganglioside binding. Protein Science, 1995, 4, 841-848.	7.6	8
26	Crystal parameters and molecular replacement of an anticholera toxin peptide complex. Proteins: Structure, Function and Bioinformatics, 1991, 11, 218-222.	2.6	7
27	Soluble Mimics of the Cytoplasmic Face of the Human V1-Vasopressin Receptor Bind Arrestin2 and Calmodulin. Molecular Pharmacology, 2006, 70, 249-258.	2.3	7
28	Preventing the spread of infectious diseases: antivirulents versus antibiotics. Future Microbiology, 2017, 12, 365-368.	2.0	7
29	Biofilm inhibitors targeting the outer membrane protein A of <i>Pasteurella multocida</i> in swine. Biofouling, 2017, 33, 14-23.	2.2	5
30	Crystallization and preliminary X-ray data of the FadA adhesin from <i>Fusobacterium nucleatum</i> . Acta Crystallographica Section F: Structural Biology Communications, 2006, 62, 1215-1217.	0.7	4
31	DAF in diabetic patients is subject to glycation/inactivation at its active site residues. Molecular Immunology, 2018, 93, 246-252.	2.2	3
32	Specificity of Three Vasopressin Receptor Antagonists. Letters in Drug Design and Discovery, 2011, 8, 529-535.	0.7	0