

# Naomi Balaban

## List of Publications by Year in descending order

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44  
papers

3,323  
citations

186209

28  
h-index

254106

43  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2788  
citing authors

#	ARTICLE	IF	CITATIONS
1	Staphylococcal enterotoxins. <i>International Journal of Food Microbiology</i> , 2000, 61, 1-10.	2.1	694
2	EGF-Receptor Phosphorylation and Signaling Are Targeted by H <sub>2</sub> O <sub>2</sub> Redox Stress. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1998, 19, 786-798.	1.4	177
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.	1.0	177
4	Treatment of Staphylococcus aureus Biofilm Infection by the Quorum-Sensing Inhibitor RIP. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2226-2229.	1.4	170
5	Use of the Quorum-Sensing Inhibitor RNAIII-Inhibiting Peptide to Prevent Biofilm Formation In Vivo by Drug-Resistant Staphylococcus epidermidis. <i>Journal of Infectious Diseases</i> , 2003, 187, 625-630.	1.9	162
6	Regulation of Staphylococcus aureus Pathogenesis via Target of RNAIII-activating Protein (TRAP). <i>Journal of Biological Chemistry</i> , 2001, 276, 2658-2667.	1.6	128
7	The effect of ionizing radiation on signal transduction: antibodies to EGF receptor sensitize A431 cells to radiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1996, 1314, 147-156.	1.9	127
8	RNA III Inhibiting Peptide Inhibits In Vivo Biofilm Formation by Drug-Resistant Staphylococcus aureus. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 1979-1983.	1.4	120
9	RNAIII inhibiting peptide (RIP), a global inhibitor of Staphylococcus aureus pathogenesis: structure and function analysis. <i>Peptides</i> , 2001, 22, 1609-1620.	1.2	107
10	Engineering Approaches for the Detection and Control of Orthopaedic Biofilm Infections. <i>Clinical Orthopaedics and Related Research</i> , 2005, &NA;, 59-66.	0.7	105
11	Prevention of Staphylococcal Biofilm-associated Infections by the Quorum Sensing Inhibitor RIP. <i>Clinical Orthopaedics and Related Research</i> , 2005, &NA;, 48-54.	0.7	99
12	RNAIII-Inhibiting Peptide Significantly Reduces Bacterial Load and Enhances the Effect of Antibiotics in the Treatment of Central Venous Catheter-Associated Staphylococcus aureus Infections. <i>Journal of Infectious Diseases</i> , 2006, 193, 180-186.	1.9	88
13	Prevention of Staphylococcus aureus biofilm on dialysis catheters and adherence to human cells. <i>Kidney International</i> , 2003, 63, 340-345.	2.6	82
14	Prevention of diseases caused by Staphylococcus aureus using the peptide RIP. <i>Peptides</i> , 2000, 21, 1301-1311.	1.2	81
15	Prophylactic Efficacy of Topical Temporin A and RNAIII-Inhibiting Peptide in a Subcutaneous Rat Pouch Model of Graft Infection Attributable to Staphylococci With Intermediate Resistance to Glycopeptides. <i>Circulation</i> , 2003, 108, 767-771.	1.6	78
16	Suppression of Drug-Resistant Staphylococcal Infections by the Quorum-Sensing Inhibitor RNAIII-Inhibiting Peptide. <i>Journal of Infectious Diseases</i> , 2004, 190, 318-320.	1.9	77
17	Translation of RNAIII, the Staphylococcus aureus agr regulatory RNA molecule, can be activated by a 3' end deletion. <i>FEMS Microbiology Letters</i> , 1995, 133, 155-161.	0.7	74
18	EGF receptor phosphorylation is affected by ionizing radiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1997, 1358, 289-299.	1.9	74

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19	RNAIII-Inhibiting Peptide Enhances Healing of Wounds Infected with Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 2205-2211.	1.4	66
20	Transcriptional Profiling of Target of RNAIII-Activating Protein, a Master Regulator of Staphylococcal Virulence. <i>Infection and Immunity</i> , 2005, 73, 6220-6228.	1.0	63
21	RNAIII-Inhibiting-Peptide-Loaded Polymethylmethacrylate Prevents In Vivo <i>Staphylococcus aureus</i> Biofilm Formation. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2594-2596.	1.4	61
22	A Chimeric Peptide Composed of a Dermaseptin Derivative and an RNA III-Inhibiting Peptide Prevents Graft-Associated Infections by Antibiotic-Resistant Staphylococci. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 2544-2550.	1.4	60
23	Quorum Sensing in Staphylococci Is Regulated via Phosphorylation of Three Conserved Histidine Residues. <i>Journal of Biological Chemistry</i> , 2004, 279, 14665-14672.	1.6	59
24	RNAIII-Inhibiting Peptide Affects Biofilm Formation in a Rat Model of Staphylococcal Ureteral Stent Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 4518-4520.	1.4	57
25	Characterization of RAP, a quorum sensing activator of <i>Staphylococcus aureus</i> . <i>FEMS Microbiology Letters</i> , 2003, 223, 167-175.	0.7	56
26	RNAIII-inhibiting peptide improves efficacy of clinically used antibiotics in a murine model of staphylococcal sepsis. <i>Peptides</i> , 2005, 26, 169-175.	1.2	42
27	TRAP Plays a Role in Stress Response in <i>Staphylococcus Aureus</i> . <i>International Journal of Artificial Organs</i> , 2009, 32, 592-599.	0.7	35
28	Vaccine development for the prevention of staphylococcal mastitis in dairy cows. <i>Veterinary Immunology and Immunopathology</i> , 2011, 142, 25-35.	0.5	32
29	BisEDT and RIP act in synergy to prevent graft infections by resistant staphylococci. <i>Peptides</i> , 2004, 25, 2047-2053.	1.2	29
30	Molecular Mechanisms of RIP, an Effective Inhibitor of Chronic Infections. <i>International Journal of Artificial Organs</i> , 2010, 33, 582-589.	0.7	28
31	OpuC " an ABC Transporter that is Associated with <i>Staphylococcus Aureus</i> Pathogenesis. <i>International Journal of Artificial Organs</i> , 2009, 32, 600-610.	0.7	26
32	Trypanosome microtubule-associated protein p15 as a vaccine for the prevention of African sleeping sickness. <i>Vaccine</i> , 2004, 22, 1007-1015.	1.7	22
33	Prospecting Gene Therapy of Implant Infections. <i>International Journal of Artificial Organs</i> , 2009, 32, 689-695.	0.7	20
34	YhgC protects <i>Bacillus anthracis</i> from oxidative stress. <i>International Journal of Artificial Organs</i> , 2010, 33, 590-607.	0.7	11
35	RNAIII-INHIBITING PEPTIDE IN COMBINATION WITH THE CATHELICIDIN BMAP-28 REDUCES LETHALITY IN MOUSE MODELS OF STAPHYLOCOCCAL SEPSIS. <i>Shock</i> , 2006, 26, 296-301.	1.0	10
36	Detection In Vitro of Quorum-Sensing Molecules and Their Inhibitors. <i>Springer Series on Biofilms</i> , 2008, , 39-50.	0.0	7

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37	Structure of p15 trypanosome microtubule associated protein. <i>Parasitology Research</i> , 2002, 88, 1034-1039.	0.6	6
38	YhgC protects <i>Bacillus anthracis</i> from oxidative stress. <i>International Journal of Artificial Organs</i> , 2010, 33, 590-607.	0.7	5
39	Wound Healing by an Anti-Staphylococcal Biofilm Approach. <i>Springer Series on Biofilms</i> , 2011, , 141-161.	0.0	4
40	In Vivo Studies: Inhibiting Biofilm-Associated Bacterial Infections Using QSIs. <i>Springer Series on Biofilms</i> , 2008, , 119-129.	0.0	1
41	Isolation of agr Quorum Sensing Autoinducers. <i>Methods in Molecular Biology</i> , 2011, 692, 47-59.	0.4	1
42	The Effect of Tannin-Rich Witch Hazel on Growth of Probiotic <i>Lactobacillus plantarum</i> . <i>Antibiotics</i> , 2022, 11, 395.	1.5	1
43	Bacterial Cell-to-cell Communication (Quorum Sensing). <i>Springer Series on Biofilms</i> , 2008, , 13-38.	0.0	0
44	Animal Models Commonly Used to Study Quorum-Sensing Inhibitors. <i>Springer Series on Biofilms</i> , 2008, , 109-117.	0.0	0