Paul B Savage

List of Publications by Year
in descending order

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257 papers	16,238 citations	20817 60 h-index	18647 119 g-index
291 all docs	291 docs citations	291 times ranked	13429 citing authors

#	Article	IF	Citations
1	Ceragenins and Antimicrobial Peptides Kill Bacteria through Distinct Mechanisms. MBio, 2022, 13, e0272621.	4.1	18
2	Ceragenin CSA-44 as a Means to Control the Formation of the Biofilm on the Surface of Tooth and Composite Fillings. Pathogens, 2022, 11, 491.	2.8	6
3	In vitro activity of ceragenins against Burkholderia cepacia complex. Journal of Antibiotics, 2022, , .	2.0	0
4	Bactericidal Activity of Ceragenin in Combination with Ceftazidime, Levofloxacin, Co-Trimoxazole, and Colistin against the Opportunistic Pathogen Stenotrophomonas maltophilia. Pathogens, 2022, 11, 621.	2.8	10
5	In vitroassessment of CSA-131 and CSA-131 poloxamer form for the treatment ofStenotrophomonas maltophiliainfections in cystic fibrosis. Journal of Antimicrobial Chemotherapy, 2021, 76, 443-450.	3.0	9
6	Harnessing the Versatility of Invariant NKT Cells in a Stepwise Approach to Sepsis Immunotherapy. Journal of Immunology, 2021, 206, 386-397.	0.8	3
7	Synthesis of the pentasaccharide repeating unit from Ruminococcus gnavus and measurement of its inflammatory properties. RSC Advances, 2021, 11, 14357-14361.	3.6	5
8	Unravelling the structural complexity of glycolipids with cryogenic infrared spectroscopy. Nature Communications, 2021, 12, 1201.	12.8	36
9	Endotracheal tubes coated with a broad-spectrum antibacterial ceragenin reduce bacterial biofilm in an in vitro bench top model. Journal of Antimicrobial Chemotherapy, 2021, 76, 1168-1173.	3.0	5
10	Bactericidal Properties of Rod-, Peanut-, and Star-Shaped Gold Nanoparticles Coated with Ceragenin CSA-131 against Multidrug-Resistant Bacterial Strains. Pharmaceutics, 2021, 13, 425.	4.5	25
11	Synthesis and Characterization of Bone Binding Antibiotic-1 (BBA-1), a Novel Antimicrobial for Orthopedic Applications. Molecules, 2021, 26, 1541.	3.8	3
12	Glycolipids as Antigens for Semi-Invariant Natural Killer T Cells. , 2021, , 470-484.		1
13	Assessment of Ceragenins in Prevention of Damage to Voice Prostheses Caused by Candida Biofilm Formation. Pathogens, 2021, 10, 1371.	2.8	5
14	Peanut-Shaped Gold Nanoparticles with Shells of Ceragenin CSA-131 Display the Ability to Inhibit Ovarian Cancer Growth In Vitro and in a Tumor Xenograft Model. Cancers, 2021, 13, 5424.	3.7	5
15	Ceragenin-Coated Non-Spherical Gold Nanoparticles as Novel Candidacidal Agents. Pharmaceutics, 2021, 13, 1940.	4.5	5
16	Targeting bacteria causing otitis media using nanosystems containing nonspherical gold nanoparticles and ceragenins. Nanomedicine, 2021, 16, 2657-2678.	3.3	4
17	New Î²-Lactam Antibiotics and Ceragenins â€“ A Study to Assess Their Potential in Treatment of Infections Caused by Multidrug-Resistant Strains of Pseudomonas aeruginosa. Infection and Drug Resistance, 2021, Volume 14, 5681-5698.	2.7	11
18	Nanoantibiotics containing membrane-active human cathelicidin LL-37 or synthetic ceragenins attached to the surface of magnetic nanoparticles as novel and innovative therapeutic tools: current status and potential future applications. Journal of Nanobiotechnology, 2020, 18, 3.	9.1	40

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19	Antibacterial and antibiofilm activities of ceragenins against Achromobacter species isolated from cystic fibrosis patients. Journal of Chemotherapy, 2020, 33, 1-12.	1.5	4
20	NDM-1 Carbapenemase-Producing Enterobacteriaceae are Highly Susceptible to Ceragenins CSA-13, CSA-44, and CSA-131 . Infection and Drug Resistance, 2020, Volume 13, 3277-3294.	2.7	17
21	Treasures old and new: what we can learn regarding the macrocyclic problem from past and present efforts in natural product total synthesis. RSC Advances, 2020, 10, 10989-11012.	3.6	11
22	Synergistic Activity of Ceragenins Against Carbapenem-Resistant Acinetobacter baumannii Strains in Both Checkerboard and Dynamic Time-Kill Assays. Current Microbiology, 2020, 77, 1419-1428.	2.2	9
23	Antibiofilm activities of ceragenins and antimicrobial peptides against fungal-bacterial mono and multispecies biofilms. Journal of Antibiotics, 2020, 73, 455-462.	2.0	22
24	Quantification of Synergistic Effects of Ceragenin CSA-131 Combined with Iron Oxide Magnetic Nanoparticles Against Cancer Cells . International Journal of Nanomedicine, 2020, Volume 15, 4573-4589.	6.7	13
25	Glycolipid-mediated basophil activation in alpha-gal allergy. Journal of Allergy and Clinical Immunology, 2020, 146, 450-452.	2.9	27
26	The application of ceragenins to orthopedic surgery and medicine. Journal of Orthopaedic Research, 2020, 38, 1883-1894.	2.3	13
27	CSAâ€90 reduces periprosthetic joint infection in a novel rat model challenged with local and systemic Staphylococcus aureus. Journal of Orthopaedic Research, 2020, 38, 2065-2073.	2.3	10
28	In Vitro Activities of the Cationic Steroid Antibiotics CSA-13, CSA-131, CSA-138, CSA-142, and CSA-192 Against Carbapenem-resistant Pseudomonas aeruginosa. Turkish Journal of Pharmaceutical Sciences, 2020, 17, 63-67.	1.4	5
29	A natural killer T-cell subset that protects against airway hyperreactivity. Journal of Allergy and Clinical Immunology, 2019, 143, 565-576.e7.	2.9	15
30	Lysozyme increases bactericidal activity of ceragenin CSA-13 against Bacillus subtilis. Studia Medyczne, 2019, 35, 1-9.	0.1	3
31	Effects of ceragenins and conventional antimicrobials on Candida albicans and Staphylococcus aureus mono and multispecies biofilms. Diagnostic Microbiology and Infectious Disease, 2019, 95, 114863.	1.8	21
32	Comparative In Vitro Activities of First and Second-Generation Ceragenins Alone and in Combination with Antibiotics Against Multidrug-Resistant Klebsiella pneumoniae Strains. Antibiotics, 2019, 8, 130.	3.7	14
33	Lipid Antigen Presentation by CD1b and CD1d in Lysosomal Storage Disease Patients. Frontiers in Immunology, 2019, 10, 1264.	4.8	10
34	Translation of ceragenin affinity for bacteria to an imaging reagent for infection. RSC Advances, 2019, 9, 14472-14476.	3.6	1
35	Effects of the microbicide ceragenin CSAâ€13 on and properties ofBacillus subtilisspores prepared on two very different media. Journal of Applied Microbiology, 2019, 127, 109-120.	3.1	4
36	Use of ceragenins as a potential treatment for urinary tract infections. BMC Infectious Diseases, 2019, 19, 369.	2.9	33

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37	High-affinity anti-glycan antibodies: challenges and strategies. Current Opinion in Immunology, 2019, 59, 65-71.	5.5	11
38	Proteomic Analysis of Resistance of Gram-Negative Bacteria to Chlorhexidine and Impacts on Susceptibility to Colistin, Antimicrobial Peptides, and Ceragenins. Frontiers in Microbiology, 2019, 10, 210.	3.5	37
39	In vitro activities of antimicrobial peptides and ceragenins against Legionella pneumophila. Journal of Antibiotics, 2019, 72, 291-297.	2.0	12
40	Antifungal susceptibilities, in vitro production of virulence factors and activities of ceragenins against Candida spp. isolated from vulvovaginal candidiasis. Medical Mycology, 2019, 57, 291-299.	0.7	18
41	Antibacterial and Antibiofilm Activities of Ceragenins against <i>Pseudomonas aeruginosa</i> Clinical Isolates. Turkish Journal of Pharmaceutical Sciences, 2019, 16, 444-449.	1.4	5
42	Ceragenins exhibiting promising antimicrobial activity against various multidrug resistant Gram negative bacteria. Istanbul Journal of Pharmacy, 2019, 48, 68-72.	0.5	2
43	Investigation of the in vitro antifungal and antibiofilm activities of ceragenins CSA-8, CSA-13, CSA-44, CSA-131, and CSA-138 against Candida species. Diagnostic Microbiology and Infectious Disease, 2018, 91, 324-330.	1.8	17
44	A Role for CD1d-restricted Invariant Natural Killer T Cells and Glycolipids in Alpha-Gal Allergy. Journal of Allergy and Clinical Immunology, 2018, 141, AB288.	2.9	4
45	Comparative in vitro antimicrobial activities of CSA-142 and CSA-192, second-generation ceragenins, with CSA-13 against various microorganisms. Journal of Chemotherapy, 2018, 30, 332-337.	1.5	10
46	Susceptibility of Multidrug-Resistant Bacteria, Isolated from Water and Plants in Nigeria, to Ceragenins. International Journal of Environmental Research and Public Health, 2018, 15, 2758.	2.6	13
47	Preclinical testing of a broad-spectrum antimicrobial endotracheal tube coated with an innate immune synthetic mimic. Journal of Antimicrobial Chemotherapy, 2018, 73, 143-150.	3.0	41
48	Ceragenins are active against drug-resistant Candida auris clinical isolates in planktonic and biofilm forms. Journal of Antimicrobial Chemotherapy, 2018, 73, 1537-1545.	3.0	24
49	CSA-90 Promotes Bone Formation and Mitigates Methicillin-resistant Staphylococcus aureus Infection in a Rat Open Fracture Model. Clinical Orthopaedics and Related Research, 2018, 476, 1311-1323.	1.5	9
50	Antibacterial and Antifungal Activities of Poloxamer Micelles Containing Ceragenin CSA-131 on Ciliated Tissues. Molecules, 2018, 23, 596.	3.8	24
51	Ceragenin CSA-13 as free molecules and attached to magnetic nanoparticle surfaces induce caspase-dependent apoptosis in human breast cancer cells via disruption of cell oxidative balance. Oncotarget, 2018, 9, 21904-21920.	1.8	18
52	Targeting polyelectrolyte networks in purulent body fluids to modulate bactericidal properties of some antibiotics. Infection and Drug Resistance, 2018, Volume 11, 77-86.	2.7	9
53	Culture-Expanded Human Invariant Natural Killer T Cells Suppress T-Cell Alloreactivity and Eradicate Leukemia. Frontiers in Immunology, 2018, 9, 1817.	4.8	22
54	Sporicidal activity of ceragenin CSA-13 against Bacillus subtilis. Scientific Reports, 2017, 7, 44452.	3.3	27

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55	Psychosine variants as antigens for natural killer T cells. Chemical Science, 2017, 8, 2204-2208.	7.4	5
56	Antimicrobial ceragenins inhibit biofilms and affect mammalian cell viability and migration inÂvitro. FEBS Open Bio, 2017, 7, 953-967.	2.3	28
57	The search for new sporicidal agents for medical use: where are we?. Future Microbiology, 2017, 12, 735-737.	2.0	1
58	Formulation and candidacidal activity of magnetic nanoparticles coated with cathelicidin LL-37 and ceragenin CSA-13. Scientific Reports, 2017, 7, 4610.	3.3	64
59	Stiffening of bacteria cells as a first manifestation of bactericidal attack. Micron, 2017, 101, 95-102.	2.2	11
60	Susceptibility of Colistin-Resistant, Gram-Negative Bacteria to Antimicrobial Peptides and Ceragenins. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	39
61	Anaerobic bacteria growth in the presence of cathelicidin LL-37 and selected ceragenins delivered as magnetic nanoparticles cargo. BMC Microbiology, 2017, 17, 167.	3.3	25
62	Ceragenins as Mimics of Endogenous Antimicrobial Peptides. Journal of Antimicrobial Agents, 2017, 03, .	0.2	22
63	T cells control the generation of nanomolar-affinity anti-glycan antibodies. Journal of Clinical Investigation, 2017, 127, 1491-1504.	8.2	63
64	Improved proliferation of antigen-specific cytolytic T lymphocytes using a multimodal nanovaccine. International Journal of Nanomedicine, 2016, Volume 11, 6103-6121.	6.7	10
65	Core–shell magnetic nanoparticles display synergistic antibacterial effects against Pseudomonas aeruginosa and Staphylococcus aureus when combined with cathelicidin LL-37 or selected ceragenins. International Journal of Nanomedicine, 2016, Volume 11, 5443-5455.	6.7	63
66	The processing and presentation of lipids and glycolipids to the immune system. Immunological Reviews, 2016, 272, 109-119.	6.0	33
67	Discrete TCR Binding Kinetics Control Invariant NKT Cell Selection and Central Priming. Journal of Immunology, 2016, 197, 3959-3969.	0.8	30
68	Candidacidal Activity of Selected Ceragenins and Human Cathelicidin LL-37 in Experimental Settings Mimicking Infection Sites. PLoS ONE, 2016, 11, e0157242.	2.5	59
69	Bactericidal activity and biocompatibility of ceragenin-coated magnetic nanoparticles. Journal of Nanobiotechnology, 2015, 13, 32.	9.1	75
70	Magnetic nanoparticles enhance the anticancer activity of cathelicidin LL-37 peptide against colon cancer cells. International Journal of Nanomedicine, 2015, 10, 3843.	6.7	60
71	Species Specific Differences of CD1d Oligomer Loading In Vitro. PLoS ONE, 2015, 10, e0143449.	2.5	3
72	Endogenous ligands of natural killer T cells are alpha-linked glycosylceramides. Molecular Immunology, 2015, 68, 94-97.	2.2	41

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73	Bactericidal Activities of Cathelicidin LL-37 and Select Cationic Lipids against the Hypervirulent Pseudomonas aeruginosa Strain LESB58. Antimicrobial Agents and Chemotherapy, 2015, 59, 3808-3815.	3.2	42
74	CSA-131, a ceragenin active against colistin-resistant Acinetobacter baumannii and Pseudomonas aeruginosa clinical isolates. International Journal of Antimicrobial Agents, 2015, 46, 568-571.	2.5	30
75	Bactericidal Activity of Ceragenin CSA-13 in Cell Culture and in an Animal Model of Peritoneal Infection. Antimicrobial Agents and Chemotherapy, 2015, 59, 6274-6282.	3.2	48
76	Ceragenins â€“ aÂnew weapon to fight multidrug resistant bacterial infections. Studia Medyczne, 2014, 3, 207-213.	0.1	21
77	NKT-cell adjuvants in conjugate. Nature Chemical Biology, 2014, 10, 882-883.	8.0	9
78	Potential Synergy Activity of the Novel Ceragenin, CSA-13, against Carbapenem-ResistantAcinetobacter baumanniiStrains Isolated from Bacteremia Patients. BioMed Research International, 2014, 2014, 1-5.	1.9	30
79	Maghemite, silver, ceragenin conjugate particles for selective binding and contrast of bacteria. Journal of Colloid and Interface Science, 2014, 413, 167-174.	9.4	11
80	A peptide-free, liposome-based oligosaccharide vaccine, adjuvanted with a natural killer T cell antigen, generates robust antibody responses in vivo. Chemical Science, 2014, 5, 1437-1441.	7.4	32
81	Ceragenin Mediated Selectivity of Antimicrobial Silver Nanoparticles. ACS Applied Materials & Interfaces, 2014, 6, 13900-13908.	8.0	20
82	The Identification of the Endogenous Ligands of Natural Killer T Cells Reveals the Presence of Mammalian Î±-Linked Glycosylceramides. Immunity, 2014, 41, 543-554.	14.3	207
83	Efficacy of ABX196, a new NKT agonist, in prophylactic human vaccination. Vaccine, 2014, 32, 6138-6145.	3.8	46
84	Investigation of the Antifungal Activities of the Cationic Steroid Antibiotic CSA-8, CSA-13, CSA-44, CSA-131 and CSA-138 Against Candida albicans Isolated from Blood Cultures. ANKEM Dergisi, 2014, 28, 8-13.	0.2	3
85	Antibacterial activity of the human host defence peptide LL-37 and selected synthetic cationic lipids against bacteria associated with oral and upper respiratory tract infections. Journal of Antimicrobial Chemotherapy, 2013, 68, 610-618.	3.0	66
86	T-cell immunoglobulin and mucin domain 1 deficiency eliminates airway hyperreactivity triggered by the recognition of airway cell death. Journal of Allergy and Clinical Immunology, 2013, 132, 414-425.e6.	2.9	24
87	Synthesis of Fungal Glycolipid Asperamide B and Investigation of Its Ability to Stimulate Natural Killer T Cells. Organic Letters, 2013, 15, 5242-5245.	4.6	15
88	Synthesis of 99mTc-cationic steroid antimicrobial-107 and in vitro evaluation. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 841-844.	1.5	5
89	Crystal Structure of VÎ´1ÂT Cell Receptor in Complex with CD1d-Sulfatide Shows MHC-like Recognition of a Self-Lipid by Human Î³Î´ T Cells. Immunity, 2013, 39, 1032-1042.	14.3	205
90	Ceragenin CSA-13 induces cell cycle arrest and antiproliferative effects in wild-type and p53 null mutant HCT116 colon cancer cells. Anti-Cancer Drugs, 2013, 24, 826-834.	1.4	28

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91	Invariant natural killer T cells recognize a fungal glycosphingolipid that can induce airway hyperreactivity. Nature Medicine, 2013, 19, 1297-1304.	30.7	124
92	Study of the effect of antimicrobial peptide mimic, CSA â€13, on an established biofilm formed by P seudomonas aeruginosa. MicrobiologyOpen, 2013, 2, 318-325.	3.0	43
93	Natural killer T (NKT)â€“B-cell interactions promote prolonged antibody responses and long-term memory to pneumococcal capsular polysaccharides. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16097-16102.	7.1	94
94	Optimization of Ceragenins for Prevention of Bacterial Colonization of Hydrogel Contact Lenses. , 2013, 54, 6217.		35
95	Stimulation of Natural Killer T Cells by Glycolipids. Molecules, 2013, 18, 15662-15688.	3.8	54
96	The Molecular Basis for Recognition of CD1d/Î±-Galactosylceramide by a Human Non-VÎ±24 T Cell Receptor. PLoS Biology, 2012, 10, e1001412.	5.6	35
97	Scavenger receptors target glycolipids for natural killer T cell activation. Journal of Clinical Investigation, 2012, 122, 3943-3954.	8.2	47
98	Distinct APCs Explain the Cytokine Bias of Î±-Galactosylceramide Variants In Vivo. Journal of Immunology, 2012, 188, 3053-3061.	0.8	89
99	In vitro evaluation of the potential for resistance development to ceragenin CSA-13. Journal of Antimicrobial Chemotherapy, 2012, 67, 2665-2672.	3.0	71
100	Innate lymphoid cells responding to IL-33 mediate airway hyperreactivity independently of adaptive immunity. Journal of Allergy and Clinical Immunology, 2012, 129, 216-227.e6.	2.9	287
101	InÂvivo efficacy of a siliconeâ€'cationic steroid antimicrobial coating to prevent implant-related infection. Biomaterials, 2012, 33, 8641-8656.	11.4	59
102	The majority of CD1dâ€sulfatideâ€specific T cells in human blood use a semiinvariant VÎ´1 TCR. European Journal of Immunology, 2012, 42, 2505-2510.	2.9	163
103	Effect of pluronic acid F-127 on the toxicity towards eukaryotic cells of CSA-13, a cationic steroid analogue of antimicrobial peptides. Journal of Applied Microbiology, 2012, 112, 1173-1183.	3.1	15
104	Invariant Natural Killer T Cell Agonist Modulates Experimental Focal and Segmental Glomerulosclerosis. PLoS ONE, 2012, 7, e32454.	2.5	18
105	Impact of sugar stereochemistry on natural killer T cell stimulation by bacterial glycolipids. Organic and Biomolecular Chemistry, 2011, 9, 7659.	2.8	7
106	Role of the HefC Efflux Pump inHelicobacter pyloriCholesterol-Dependent Resistance to Ceragenins and Bile Salts. Infection and Immunity, 2011, 79, 88-97.	2.2	45
107	In VitroAmoebicidal Activity of a Ceragenin, Cationic Steroid Antibiotic-13, AgainstAcanthamoeba castellaniiand Its Cytotoxic Potential. Journal of Ocular Pharmacology and Therapeutics, 2011, 27, 1-5.	1.4	15
108	Potential of ceragenin CSA-13 and its mixture with pluronic F-127 as treatment of topical bacterial infections. Journal of Applied Microbiology, 2011, 110, 229-238.	3.1	47

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109	Effect of a low concentration of a cationic steroid antibiotic (CSA-13) on the formation of a biofilm by Pseudomonas aeruginosa. Journal of Applied Microbiology, 2011, 111, 763-772.	3.1	16
110	Structure-guided design of an invariant natural killer T cell agonist for optimum protection from type 1 diabetes in non-obese diabetic mice. Clinical and Experimental Immunology, 2011, 166, 121-133.	2.6	22
111	Use of a hand-portable gas chromatographâ€“toroidal ion trap mass spectrometer for self-chemical ionization identification of degradation products related to O-ethyl S-(2-diisopropylaminoethyl) methyl phosphonothiolate (VX). Analytica Chimica Acta, 2011, 690, 215-220.	5.4	35
112	Cathelicidin LL-37 Increases Lung Epithelial Cell Stiffness, Decreases Transepithelial Permeability, and Prevents Epithelial Invasion by Pseudomonas aeruginosa. Journal of Immunology, 2011, 187, 6402-6409.	0.8	51
113	Airborne lipid antigens mobilize resident intravascular NKT cells to induce allergic airway inflammation. Journal of Experimental Medicine, 2011, 208, 2113-2124.	8.5	94
114	In vitro Activities of the Novel Ceragenin CSA-13, Alone or in Combination with Colistin, Tobramycin, and Ciprofloxacin, against <i>Pseudomonas aeruginosa</i> Strains Isolated from Cystic Fibrosis Patients. Chemotherapy, 2011, 57, 505-510.	1.6	20
115	Identification of Cd101 as a Susceptibility Gene for Novosphingobium aromaticivorans-Induced Liver Autoimmunity. Journal of Immunology, 2011, 187, 337-349.	0.8	30
116	Influenza infection in suckling mice expands an NKT cell subset that protects against airway hyperreactivity. Journal of Clinical Investigation, 2011, 121, 57-69.	8.2	137
117	Interaction between tobramycin and CSA-13 on clinical isolates of Pseudomonas aeruginosa in a model of young and mature biofilms. Applied Microbiology and Biotechnology, 2010, 88, 251-263.	3.6	20
118	Field-portable gas chromatography with transmission quadrupole and cylindrical ion trap mass spectrometric detection: Chromatographic retention index data and ion/molecule interactions for chemical warfare agent identification. International Journal of Mass Spectrometry, 2010, 295, 113-118.	1.5	39
119	Alternative cross-priming through CCL17-CCR4-mediated attraction of CTLs toward NKT cellâ€“licensed DCs. Nature Immunology, 2010, 11, 313-320.	14.5	204
120	Depolarization, Bacterial Membrane Composition, and the Antimicrobial Action of Ceragenins. Antimicrobial Agents and Chemotherapy, 2010, 54, 3708-3713.	3.2	178
121	Anti-Trypanosomatid Activity of Ceragenins. Journal of Parasitology, 2010, 96, 638-642.	0.7	26
122	Combined Antibacterial and Anti-Inflammatory Activity of a Cationic Disubstituted Dexamethasone-Spermine Conjugate. Antimicrobial Agents and Chemotherapy, 2010, 54, 2525-2533.	3.2	21
123	Development of Spontaneous Anergy in Invariant Natural Killer T Cells in a Mouse Model of Dyslipidemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1758-1765.	2.4	14
124	Apoptotic Cells Activate NKT Cells through T Cell Ig-Like Mucin-Likeâ€“1 Resulting in Airway Hyperreactivity. Journal of Immunology, 2010, 185, 5225-5235.	0.8	67
125	Modeling Multivalent Ligand-Receptor Interactions with Steric Constraints on Configurations of Cell-Surface Receptor Aggregates. Biophysical Journal, 2010, 98, 48-56.	0.5	50
126	Fatty acid amide hydrolase shapes NKT cell responses by influencing the serum transport of lipid antigen in mice. Journal of Clinical Investigation, 2010, 120, 1873-1884.	8.2	26

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127	Preparation, quality control and biological evaluation of 99mTc-labelled cationic steroid antibiotic (CSA-13). Radiochimica Acta, 2009, 97, .	1.2	7
128	Lysosomal recycling terminates CD1d-mediated presentation of short and polyunsaturated variants of the NKT cell lipid antigen Î±GalCer. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10254-10259.	7.1	68
129	The Development of Airway Hyperreactivity in T-bet-Deficient Mice Requires CD1d-Restricted NKT Cells. Journal of Immunology, 2009, 182, 3252-3261.	0.8	29
130	Bactericidal activities of the cationic steroid CSA-13 and the cathelicidin peptide LL-37 against Helicobacter pylori in simulated gastric juice. BMC Microbiology, 2009, 9, 187.	3.3	42
131	Î²-galactosylceramide alters invariant natural killer T cell function and is effective treatment for lupus. Clinical Immunology, 2009, 132, 321-333.	3.2	16
132	A Simple Spectrofluorometric Assay to Measure Total Intracellular Magnesium by a Hydroxyquinoline Derivative. Journal of Fluorescence, 2009, 19, 11-19.	2.5	27
133	Ceragenins: A Class of Antiviral Compounds to Treat Orthopox Infections. Journal of Investigative Dermatology, 2009, 129, 2668-2675.	0.7	43
134	Ceragenin CSAâ€13 exhibits antimicrobial activity against cariogenic and periodontopathic bacteria. Oral Microbiology and Immunology, 2009, 24, 170-172.	2.8	35
135	Alpha Anomers of iGb3 and Gb3 Stimulate Cytokine Production by Natural Killer T Cells. ACS Chemical Biology, 2009, 4, 191-197.	3.4	23
136	Activities of Ceragenin CSA-13 Against Established Biofilms in an In Vitro Model of Catheter Decolonization. Anti-Infective Agents in Medicinal Chemistry, 2009, 8, 290-294.	0.6	15
137	Complexing Properties of Phenolic Diazacrown Ethers with Transition and Heavy Metal Ions. Journal of Solution Chemistry, 2008, 37, 45-58.	1.2	4
138	Synthesis of diglycosylceramides and evaluation of their iNKT cell stimulatory properties. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3052-3055.	2.2	12
139	Enhancement of the efficacy of erythromycin in multiple antibiotic-resistant gram-negative bacterial pathogens. Journal of Applied Microbiology, 2008, 105, 822-828.	3.1	42
140	OR.94. Ozone Exposure in a Mouse Model Induces Airway Hyperreactivity That Requires the Presence of Natural Killer T Cells and IL-17. Clinical Immunology, 2008, 127, S38.	3.2	0
141	Direct activation of natural killer T cells induces airway hyperreactivity in nonhuman primates. Journal of Allergy and Clinical Immunology, 2008, 121, 1287-1289.	2.9	38
142	Crystal Structures of Mouse CD1d-iGb3 Complex and its Cognate VÎ±14ÂT Cell Receptor Suggest a Model for Dual Recognition of Foreign and Self Glycolipids. Journal of Molecular Biology, 2008, 377, 1104-1116.	4.2	94
143	Liver Autoimmunity Triggered by Microbial Activation of Natural Killer T Cells. Cell Host and Microbe, 2008, 3, 304-315.	11.0	219
144	Ceragenins: Cholic Acid-Based Mimics of Antimicrobial Peptides. Accounts of Chemical Research, 2008, 41, 1233-1240.	15.6	182

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145	Salivary mucins inhibit antibacterial activity of the cathelicidin-derived LL-37 peptide but not the cationic steroid CSA-13. Journal of Antimicrobial Chemotherapy, 2008, 62, 329-335.	3.0	62
146	Ozone exposure in a mouse model induces airway hyperreactivity that requires the presence of natural killer T cells and IL-17. Journal of Experimental Medicine, 2008, 205, 385-393.	8.5	285
147	Activation of Nonclassical CD1d-Restricted NK T Cells Induces Airway Hyperreactivity in Î²2-Microglobulin-Deficient Mice. Journal of Immunology, 2008, 181, 4560-4569.	0.8	27
148	Antibacterial Activities of Thin Films Containing Ceragenins. ACS Symposium Series, 2008, , 65-78.	0.5	4
149	Ceragenins (Cationic Steroid Compounds), a Novel Class of Antimicrobial Agents. Drug News and Perspectives, 2008, 21, 307.	1.5	51
150	The Niemann-Pick type C2 protein loads isoglobotrihexosylceramide onto CD1d molecules and contributes to the thymic selection of NKT cells. Journal of Experimental Medicine, 2007, 204, 841-852.	8.5	92
151	Antimicrobial Activities of Ceragenins against Clinical Isolates of Resistant Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2007, 51, 1268-1273.	3.2	106
152	Resistance of the antibacterial agent ceragenin CSA-13 to inactivation by DNA or F-actin and its activity in cystic fibrosis sputum. Journal of Antimicrobial Chemotherapy, 2007, 60, 535-545.	3.0	68
153	iNKT Cells Require CCR4 to Localize to the Airways and to Induce Airway Hyperreactivity. Journal of Immunology, 2007, 179, 4661-4671.	0.8	46
154	Potential synergy activity of the novel ceragenin, CSA-13, against clinical isolates of Pseudomonas aeruginosa, including multidrug-resistant P. aeruginosa. Journal of Antimicrobial Chemotherapy, 2007, 61, 365-370.	3.0	87
155	A distal effect of microsomal triglyceride transfer protein deficiency on the lysosomal recycling of CD1d. Journal of Experimental Medicine, 2007, 204, 921-928.	8.5	48
156	Bacterial lipid composition and the antimicrobial efficacy of cationic steroid compounds (Ceragenins). Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 2500-2509.	2.6	343
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