

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	The Biology of NKT Cells. Annual Review of Immunology, 2007, 25, 297-336.	21.8	1,961
2	Exogenous and endogenous glycolipid antigens activate NKT cells during microbial infections. Nature, 2005, 434, 525-529.	27.8	1,015
3	Lysosomal Glycosphingolipid Recognition by NKT Cells. Science, 2004, 306, 1786-1789.	12.6	880
4	Identification of an IL-17 ⁺ -producing NK1.1 ^{neg} iNKT cell population involved in airway neutrophilia. Journal of Experimental Medicine, 2007, 204, 995-1001.	8.5	559
5	Bacterial lipid composition and the antimicrobial efficacy of cationic steroid compounds (Ceragenins). Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 2500-2509.	2.6	343
6	An Effective Fluorescent Chemosensor for Mercury Ions. Journal of the American Chemical Society, 2000, 122, 6769-6770.	13.7	302
7	Editing of CD1d-Bound Lipid Antigens by Endosomal Lipid Transfer Proteins. Science, 2004, 303, 523-527.	12.6	297
8	Structure and function of a potent agonist for the semi-invariant natural killer T cell receptor. Nature Immunology, 2005, 6, 810-818.	14.5	288
9	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
10	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
11	8-Hydroxyquinoline Derivatives as Fluorescent Sensors for Magnesium in Living Cells. Journal of the American Chemical Society, 2006, 128, 344-350.	13.7	273
12	Liver Autoimmunity Triggered by Microbial Activation of Natural Killer T Cells. Cell Host and Microbe, 2008, 3, 304-315.	11.0	219
13	The Identification of the Endogenous Ligands of Natural Killer T Cells Reveals the Presence of Mammalian α -Linked Glycosylceramides. Immunity, 2014, 41, 543-554.	14.3	207
14	Glycolipid activation of invariant T cell receptor ⁺ NK T cells is sufficient to induce airway hyperreactivity independent of conventional CD4 ⁺ T cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2782-2787.	7.1	206
15	Crystal Structure of α 1 β T Cell Receptor in Complex with CD1d-Sulfatide Shows MHC-like Recognition of a Self-Lipid by Human α 1 β T Cells. Immunity, 2013, 39, 1032-1042.	14.3	205
16	Alternative cross-priming through CCL17-CCR4-mediated attraction of CTLs toward NKT cell ⁺ licensed DCs. Nature Immunology, 2010, 11, 313-320.	14.5	204
17	Effects of Lipid Chain Lengths in α -Galactosylceramides on Cytokine Release by Natural Killer T Cells. Journal of the American Chemical Society, 2004, 126, 13602-13603.	13.7	194
18	Ceragenins: Cholic Acid-Based Mimics of Antimicrobial Peptides. Accounts of Chemical Research, 2008, 41, 1233-1240.	15.6	182

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19	Depolarization, Bacterial Membrane Composition, and the Antimicrobial Action of Ceragenins. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3708-3713.	3.2	178
20	Multiple defects in antigen presentation and T cell development by mice expressing cytoplasmic tail of truncated CD1d. <i>Nature Immunology</i> , 2002, 3, 55-60.	14.5	175
21	Antibacterial properties of cationic steroid antibiotics. <i>FEMS Microbiology Letters</i> , 2002, 217, 1-7.	1.8	170
22	A modified β -galactosyl ceramide for staining and stimulating natural killer T cells. <i>Journal of Immunological Methods</i> , 2006, 312, 34-39.	1.4	170
23	The majority of CD1d-sulfatide-specific T cells in human blood use a semiinvariant V α 1 TCR. <i>European Journal of Immunology</i> , 2012, 42, 2505-2510.	2.9	163
24	Influenza infection in suckling mice expands an NKT cell subset that protects against airway hyperreactivity. <i>Journal of Clinical Investigation</i> , 2011, 121, 57-69.	8.2	137
25	Invariant natural killer T cells recognize a fungal glycosphingolipid that can induce airway hyperreactivity. <i>Nature Medicine</i> , 2013, 19, 1297-1304.	30.7	124
26	Efficient Immobilization of a Cadmium Chemosensor in a Thin Film: Generation of a Cadmium Sensor Prototype. <i>Organic Letters</i> , 2005, 7, 1105-1108.	4.6	120
27	Glycolipids for natural killer T cells. <i>Chemical Society Reviews</i> , 2006, 35, 771.	38.1	119
28	Design and Synthesis of Potent Sensitizers of Gram-Negative Bacteria Based on a Cholic Acid Scaffolding. <i>Journal of the American Chemical Society</i> , 1998, 120, 2961-2962.	13.7	115
29	Incremental Conversion of Outer-Membrane Permeabilizers into Potent Antibiotics for Gram-Negative Bacteria. <i>Journal of the American Chemical Society</i> , 1999, 121, 931-940.	13.7	113
30	Characterization of 5-chloro-8-methoxyquinoline appended diaza-18-crown-6 as a chemosensor for cadmium. <i>Tetrahedron Letters</i> , 2001, 42, 2941-2944.	1.4	113
31	Antimicrobial Activities of Ceragenins against Clinical Isolates of Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 1268-1273.	3.2	106
32	Correlation of the Antibacterial Activities of Cationic Peptide Antibiotics and Cationic Steroid Antibiotics. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 663-669.	6.4	104
33	Synthesis and NKT Cell Stimulating Properties of Fluorophore- and Biotin-Appended β -Amino- β -deoxy-galactosylceramides. <i>Organic Letters</i> , 2002, 4, 1267-1270.	4.6	100
34	Crystal Structures of Mouse CD1d-iGb3 Complex and its Cognate V α 14 T Cell Receptor Suggest a Model for Dual Recognition of Foreign and Self Glycolipids. <i>Journal of Molecular Biology</i> , 2008, 377, 1104-1116.	4.2	94
35	Airborne lipid antigens mobilize resident intravascular NKT cells to induce allergic airway inflammation. <i>Journal of Experimental Medicine</i> , 2011, 208, 2113-2124.	8.5	94
36	Natural killer T (NKT)-B-cell interactions promote prolonged antibody responses and long-term memory to pneumococcal capsular polysaccharides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16097-16102.	7.1	94

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37	The Niemann-Pick type C2 protein loads isoglobotrihexosylceramide onto CD1d molecules and contributes to the thymic selection of NKT cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 841-852.	8.5	92
38	Origins of "off"™ fluorescent behavior of 8-hydroxyquinoline containing chemosensors. <i>Tetrahedron</i> , 2004, 60, 11139-11144.	1.9	90
39	Mechanisms imposing the V β 2 bias of V β 14 natural killer T cells and consequences for microbial glycolipid recognition. <i>Journal of Experimental Medicine</i> , 2006, 203, 1197-1207.	8.5	90
40	Distinct APCs Explain the Cytokine Bias of β 1-Galactosylceramide Variants In Vivo. <i>Journal of Immunology</i> , 2012, 188, 3053-3061.	0.8	89
41	A fluorescent sensor for magnesium ions. <i>Tetrahedron Letters</i> , 1998, 39, 5451-5454.	1.4	88
42	Potential synergy activity of the novel ceragenin, CSA-13, against clinical isolates of <i>Pseudomonas aeruginosa</i> , including multidrug-resistant <i>P. aeruginosa</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 61, 365-370.	3.0	87
43	The Paradox of Immune Molecular Recognition of β 1-Galactosylceramide: Low Affinity, Low Specificity for CD1d, High Affinity for β 1 β 2 TCRs. <i>Journal of Immunology</i> , 2003, 170, 4673-4682.	0.8	85
44	Multidrug-resistant bacteria: overcoming antibiotic permeability barriers of Gram-negative bacteria. <i>Annals of Medicine</i> , 2001, 33, 167-171.	3.8	84
45	Bis-8-hydroxyquinoline-Armed Diazatrithia-15-crown-5 and Diazatrithia-16-crown-5 Ligands: Possible Fluorophoric Metal Ion Sensors. <i>Journal of Organic Chemistry</i> , 2001, 66, 4752-4758.	3.2	77
46	Bactericidal activity and biocompatibility of ceragenin-coated magnetic nanoparticles. <i>Journal of Nanobiotechnology</i> , 2015, 13, 32.	9.1	75
47	Antimicrobial Activities of Amine- and Guanidine-Functionalized Cholic Acid Derivatives. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 1347-1349.	3.2	73
48	Cutting Edge: Impaired Glycosphingolipid Trafficking and NKT Cell Development in Mice Lacking Niemann-Pick Type C1 Protein. <i>Journal of Immunology</i> , 2006, 177, 26-30.	0.8	73
49	In vitro evaluation of the potential for resistance development to ceragenin CSA-13. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2665-2672.	3.0	71
50	Anion and Ion Pair Complexation by a Macrocyclic Phosphine Oxide Disulfoxide. <i>Journal of the American Chemical Society</i> , 1994, 116, 4069-4070.	13.7	70
51	Design, Synthesis and Characterization of Cationic Peptide and Steroid Antibiotics. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 759-768.	2.4	69
52	Syntheses and Metal Ion Complexation of Novel 8-Hydroxyquinoline-Containing Diaza-18-Crown-6 Ligands and Analogues. <i>Journal of Organic Chemistry</i> , 1999, 64, 8855-8861.	3.2	68
53	Resistance of the antibacterial agent ceragenin CSA-13 to inactivation by DNA or F-actin and its activity in cystic fibrosis sputum. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 60, 535-545.	3.0	68
54	Lysosomal recycling terminates CD1d-mediated presentation of short and polyunsaturated variants of the NKT cell lipid antigen β 1GalCer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10254-10259.	7.1	68

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55	Apoptotic Cells Activate NKT Cells through T Cell Ig-Like Mucin-Like α 1 Resulting in Airway Hyperreactivity. <i>Journal of Immunology</i> , 2010, 185, 5225-5235.	0.8	67
56	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. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 610-618.	3.0	66
57	Total Synthesis of (+)-Epoxydictymene. Application of Alkoxy-Directed Cyclization to Diterpenoid Construction. <i>Journal of the American Chemical Society</i> , 1997, 119, 8438-8450.	13.7	65
58	Synthesis and Characterization of Peptide α Cationic Steroid Antibiotic Conjugates. <i>Organic Letters</i> , 2004, 6, 3433-3436.	4.6	64
59	Formulation and candidacidal activity of magnetic nanoparticles coated with cathelicidin LL-37 and ceragenin CSA-13. <i>Scientific Reports</i> , 2017, 7, 4610.	3.3	64
60	Core α ndash;shell magnetic nanoparticles display synergistic antibacterial effects against α Pseudomonas aeruginosa α and α Staphylococcus aureus α when combined with cathelicidin LL-37 or selected ceragenins. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 5443-5455.	6.7	63
61	T cells control the generation of nanomolar-affinity anti-glycan antibodies. <i>Journal of Clinical Investigation</i> , 2017, 127, 1491-1504.	8.2	63
62	Origins of Cell Selectivity of Cationic Steroid Antibiotics. <i>Journal of the American Chemical Society</i> , 2004, 126, 13642-13648.	13.7	62
63	Salivary mucins inhibit antibacterial activity of the cathelicidin-derived LL-37 peptide but not the cationic steroid CSA-13. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 329-335.	3.0	62
64	Magnetic nanoparticles enhance the anticancer activity of cathelicidin LL-37 peptide against colon cancer cells. <i>International Journal of Nanomedicine</i> , 2015, 10, 3843.	6.7	60
65	Synthesis and evaluation of stimulatory properties of Sphingomonadaceae glycolipids. <i>Nature Chemical Biology</i> , 2007, 3, 559-564.	8.0	59
66	In α vivo efficacy of a silicone α cationic steroid antimicrobial coating to prevent implant-related infection. <i>Biomaterials</i> , 2012, 33, 8641-8656.	11.4	59
67	Candidacidal Activity of Selected Ceragenins and Human Cathelicidin LL-37 in Experimental Settings Mimicking Infection Sites. <i>PLoS ONE</i> , 2016, 11, e0157242.	2.5	59
68	Preparation and Characterization of Cholic Acid-Derived Antimicrobial Agents with Controlled Stabilities. <i>Organic Letters</i> , 2000, 2, 2837-2840.	4.6	57
69	Stimulation of Natural Killer T Cells by Glycolipids. <i>Molecules</i> , 2013, 18, 15662-15688.	3.8	54
70	Detection of VX contamination in soil through solid-phase microextraction sampling and gas chromatography/mass spectrometry of the VX degradation product bis(diisopropylaminoethyl)disulfide. <i>Journal of Chromatography A</i> , 2003, 992, 1-9.	3.7	51
71	Cathelicidin LL-37 Increases Lung Epithelial Cell Stiffness, Decreases Transepithelial Permeability, and Prevents Epithelial Invasion by <i>Pseudomonas aeruginosa</i> . <i>Journal of Immunology</i> , 2011, 187, 6402-6409.	0.8	51
72	Ceragenins (Cationic Steroid Compounds), a Novel Class of Antimicrobial Agents. <i>Drug News and Perspectives</i> , 2008, 21, 307.	1.5	51

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73	Activities of cholic acid-derived antimicrobial agents against multidrug-resistant bacteria. <i>Journal of Antimicrobial Chemotherapy</i> , 2001, 47, 671-674.	3.0	50
74	Modeling Multivalent Ligand-Receptor Interactions with Steric Constraints on Configurations of Cell-Surface Receptor Aggregates. <i>Biophysical Journal</i> , 2010, 98, 48-56.	0.5	50
75	A distal effect of microsomal triglyceride transfer protein deficiency on the lysosomal recycling of CD1d. <i>Journal of Experimental Medicine</i> , 2007, 204, 921-928.	8.5	48
76	Bactericidal Activity of Ceragenin CSA-13 in Cell Culture and in an Animal Model of Peritoneal Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6274-6282.	3.2	48
77	New Tetraazacrown Ethers Containing Two Pyridine, Quinoline, 8-Hydroxyquinoline, or 8-Aminoquinoline Sidearms. <i>Journal of Organic Chemistry</i> , 1999, 64, 3162-3170.	3.2	47
78	Potential of ceragenin CSA-13 and its mixture with pluronic F-127 as treatment of topical bacterial infections. <i>Journal of Applied Microbiology</i> , 2011, 110, 229-238.	3.1	47
79	Scavenger receptors target glycolipids for natural killer T cell activation. <i>Journal of Clinical Investigation</i> , 2012, 122, 3943-3954.	8.2	47
80	The synthesis of azacrown ethers with quinoline-based sidearms as potential zinc(II) fluorophores. <i>Tetrahedron</i> , 2002, 58, 4809-4815.	1.9	46
81	iNKT Cells Require CCR4 to Localize to the Airways and to Induce Airway Hyperreactivity. <i>Journal of Immunology</i> , 2007, 179, 4661-4671.	0.8	46
82	Efficacy of ABX196, a new NKT agonist, in prophylactic human vaccination. <i>Vaccine</i> , 2014, 32, 6138-6145.	3.8	46
83	Synthesis of (allyloxy)methyl-substituted diaza-18-crown-6 compounds for attachment to silica gel. <i>Journal of Organic Chemistry</i> , 1988, 53, 3190-3195.	3.2	45
84	Role of the HefC Efflux Pump in <i>Helicobacter pylori</i> Cholesterol-Dependent Resistance to Ceragenins and Bile Salts. <i>Infection and Immunity</i> , 2011, 79, 88-97.	2.2	45
85	Ceragenins: A Class of Antiviral Compounds to Treat Orthopox Infections. <i>Journal of Investigative Dermatology</i> , 2009, 129, 2668-2675.	0.7	43
86	Study of the effect of antimicrobial peptide mimic, CSA-13, on an established biofilm formed by <i>Pseudomonas aeruginosa</i> . <i>MicrobiologyOpen</i> , 2013, 2, 318-325.	3.0	43
87	Enhancement of the efficacy of erythromycin in multiple antibiotic-resistant gram-negative bacterial pathogens. <i>Journal of Applied Microbiology</i> , 2008, 105, 822-828.	3.1	42
88	Bactericidal activities of the cationic steroid CSA-13 and the cathelicidin peptide LL-37 against <i>Helicobacter pylori</i> in simulated gastric juice. <i>BMC Microbiology</i> , 2009, 9, 187.	3.3	42
89	Bactericidal Activities of Cathelicidin LL-37 and Select Cationic Lipids against the Hypervirulent <i>Pseudomonas aeruginosa</i> Strain LESB58. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 3808-3815.	3.2	42
90	Endogenous ligands of natural killer T cells are alpha-linked glycosylceramides. <i>Molecular Immunology</i> , 2015, 68, 94-97.	2.2	41

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91	Preclinical testing of a broad-spectrum antimicrobial endotracheal tube coated with an innate immune synthetic mimic. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 143-150.	3.0	41
92	Cholic acid derivatives: novel antimicrobials. <i>Expert Opinion on Investigational Drugs</i> , 2000, 9, 263-272.	4.1	40
93	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. <i>Journal of Nanobiotechnology</i> , 2020, 18, 3.	9.1	40
94	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. <i>International Journal of Mass Spectrometry</i> , 2010, 295, 113-118.	1.5	39
95	Susceptibility of Colistin-Resistant, Gram-Negative Bacteria to Antimicrobial Peptides and Ceragenins. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	39
96	Direct activation of natural killer T cells induces airway hyperreactivity in nonhuman primates. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 1287-1289.	2.9	38
97	Highly enantioselective total synthesis of natural epoxydictymene. An alkoxy-directed cyclization route to highly strained trans-oxabicyclo[3.3.0]octanes. <i>Tetrahedron Letters</i> , 1997, 38, 195-198.	1.4	37
98	Synthesis of Lipid A Derivatives and Their Interactions with Polymyxin B and Polymyxin B Nonapeptide. <i>Journal of the American Chemical Society</i> , 2003, 125, 2426-2435.	13.7	37
99	Proteomic Analysis of Resistance of Gram-Negative Bacteria to Chlorhexidine and Impacts on Susceptibility to Colistin, Antimicrobial Peptides, and Ceragenins. <i>Frontiers in Microbiology</i> , 2019, 10, 210.	3.5	37
100	Unravelling the structural complexity of glycolipids with cryogenic infrared spectroscopy. <i>Nature Communications</i> , 2021, 12, 1201.	12.8	36
101	Convenient syntheses and preliminary photophysical properties of novel 8-aminoquinoline appended diaza-18-crown-6 ligands. <i>Tetrahedron</i> , 2001, 57, 7623-7628.	1.9	35
102	Solid phase microextraction sampling and gas chromatography/mass spectrometry for field detection of the chemical warfare agent O-ethyl S-(2-diisopropylaminoethyl) methylphosphonothiolate (VX). <i>Journal of Separation Science</i> , 2003, 26, 1091-1096.	2.5	35
103	Immature Human Dendritic Cells Infected with <i>Leishmania infantum</i> Are Resistant to NK-Mediated Cytolysis but Are Efficiently Recognized by NKT Cells. <i>Journal of Immunology</i> , 2006, 176, 6172-6179.	0.8	35
104	Ceragenin CSA-13 exhibits antimicrobial activity against cariogenic and periodontopathic bacteria. <i>Oral Microbiology and Immunology</i> , 2009, 24, 170-172.	2.8	35
105	Use of a hand-portable gas chromatograph-toroidal ion trap mass spectrometer for self-chemical ionization identification of degradation products related to O-ethyl S-(2-diisopropylaminoethyl) methyl phosphonothiolate (VX). <i>Analytica Chimica Acta</i> , 2011, 690, 215-220.	5.4	35
106	The Molecular Basis for Recognition of CD1d β -Galactosylceramide by a Human Non-V α 24 T Cell Receptor. <i>PLoS Biology</i> , 2012, 10, e1001412.	5.6	35
107	Optimization of Ceragenins for Prevention of Bacterial Colonization of Hydrogel Contact Lenses. , 2013, 54, 6217.		35
108	The processing and presentation of lipids and glycolipids to the immune system. <i>Immunological Reviews</i> , 2016, 272, 109-119.	6.0	33

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109	Use of ceragenins as a potential treatment for urinary tract infections. BMC Infectious Diseases, 2019, 19, 369.	2.9	33
110	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
111	Identification of <i>Cd101</i> as a Susceptibility Gene for <i>Novosphingobium aromaticivorans</i> -Induced Liver Autoimmunity. Journal of Immunology, 2011, 187, 337-349.	0.8	30
112	Potential Synergy Activity of the Novel Ceragenin, CSA-13, against Carbapenem-Resistant <i>Acinetobacter baumannii</i> Strains Isolated from Bacteremia Patients. BioMed Research International, 2014, 2014, 1-5.	1.9	30
113	CSA-131, a ceragenin active against colistin-resistant <i>Acinetobacter baumannii</i> and <i>Pseudomonas aeruginosa</i> clinical isolates. International Journal of Antimicrobial Agents, 2015, 46, 568-571.	2.5	30
114	Discrete TCR Binding Kinetics Control Invariant NKT Cell Selection and Central Priming. Journal of Immunology, 2016, 197, 3959-3969.	0.8	30
115	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
116	Complexation of hexosammonium ions: evidence for contributions from OH.cntdot..cntdot..cntdot.OH hydrogen bonds in a hydroxylic medium. Journal of the American Chemical Society, 1993, 115, 10448-10449.	13.7	28
117	Anionic Facial Amphiphiles from Cholic Acid. Organic Letters, 2000, 2, 4117-4120.	4.6	28
118	Cationic steroid antibiotics demonstrate DNA delivery properties. Journal of Controlled Release, 2005, 107, 174-182.	9.9	28
119	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
120	Antimicrobial ceragenins inhibit biofilms and affect mammalian cell viability and migration <i>in vitro</i> . FEBS Open Bio, 2017, 7, 953-967.	2.3	28
121	First Reaction of a Bare Silicon Surface with Acid Chlorides and a One-Step Preparation of Acid Chloride Terminated Monolayers on Scribed Silicon. Langmuir, 2005, 21, 2093-2097.	3.5	27
122	Activation of Nonclassical CD1d-Restricted NK T Cells Induces Airway Hyperreactivity in β 2-Microglobulin-Deficient Mice. Journal of Immunology, 2008, 181, 4560-4569.	0.8	27
123	A Simple Spectrofluorometric Assay to Measure Total Intracellular Magnesium by a Hydroxyquinoline Derivative. Journal of Fluorescence, 2009, 19, 11-19.	2.5	27
124	Sporicidal activity of ceragenin CSA-13 against <i>Bacillus subtilis</i> . Scientific Reports, 2017, 7, 44452.	3.3	27
125	Glycolipid-mediated basophil activation in alpha-gal allergy. Journal of Allergy and Clinical Immunology, 2020, 146, 450-452.	2.9	27
126	Molecular Orbital Animations for Organic Chemistry. Journal of Chemical Education, 2000, 77, 790.	2.3	26

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127	Anti-Trypanosomatid Activity of Ceragenins. <i>Journal of Parasitology</i> , 2010, 96, 638-642.	0.7	26
128	Fatty acid amide hydrolase shapes NKT cell responses by influencing the serum transport of lipid antigen in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 1873-1884.	8.2	26
129	Optimization of a phosphine oxide disulfoxide array for multipoint hydrogen bonding to ammonium ions. <i>Journal of the American Chemical Society</i> , 1993, 115, 7900-7901.	13.7	25
130	Azacrown ethers containing oximic and Schiff base sidearms - potential heteronuclear metal ion receptors. <i>Tetrahedron</i> , 1997, 53, 17595-17606.	1.9	25
131	Preparation of amino acid-appended cholic acid derivatives as sensitizers of Gram-negative bacteria. <i>Tetrahedron Letters</i> , 1999, 40, 1865-1868.	1.4	25
132	Preparation of a Protected Triamino Analogue of Cholic Acid and Sequential Incorporation of Amino Acids in Solution and on a Solid Support. <i>Organic Letters</i> , 2000, 2, 3015-3018.	4.6	25
133	Anaerobic bacteria growth in the presence of cathelicidin LL-37 and selected ceragenins delivered as magnetic nanoparticles cargo. <i>BMC Microbiology</i> , 2017, 17, 167.	3.3	25
134	Bactericidal Properties of Rod-, Peanut-, and Star-Shaped Gold Nanoparticles Coated with Ceragenin CSA-131 against Multidrug-Resistant Bacterial Strains. <i>Pharmaceutics</i> , 2021, 13, 425.	4.5	25
135	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001, 41, 123-127.	1.6	24
136	A convenient synthesis and preliminary photophysical study of novel fluoroionophores: macrocyclic polyamines containing two dansylamidoethyl side arms. <i>Tetrahedron</i> , 2001, 57, 87-91.	1.9	24
137	T-cell immunoglobulin and mucin domain 1 deficiency eliminates airway hyperreactivity triggered by the recognition of airway cell death. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 414-425.e6.	2.9	24
138	Ceragenins are active against drug-resistant <i>Candida auris</i> clinical isolates in planktonic and biofilm forms. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1537-1545.	3.0	24
139	Antibacterial and Antifungal Activities of Poloxamer Micelles Containing Ceragenin CSA-131 on Ciliated Tissues. <i>Molecules</i> , 2018, 23, 596.	3.8	24
140	Short syntheses of triamine derivatives of cholic acid. <i>Tetrahedron Letters</i> , 1999, 40, 1861-1864.	1.4	23
141	Trivalent Antigens for Degranulation of Mast Cells. <i>Organic Letters</i> , 2007, 9, 3551-3554.	4.6	23
142	Alpha Anomers of iGb3 and Gb3 Stimulate Cytokine Production by Natural Killer T Cells. <i>ACS Chemical Biology</i> , 2009, 4, 191-197.	3.4	23
143	Structure-guided design of an invariant natural killer T cell agonist for optimum protection from type 1 diabetes in non-obese diabetic mice. <i>Clinical and Experimental Immunology</i> , 2011, 166, 121-133.	2.6	22
144	Ceragenins as Mimics of Endogenous Antimicrobial Peptides. <i>Journal of Antimicrobial Agents</i> , 2017, 03, .	0.2	22

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