

Helen E Blackwell

List of Publications by Year in descending order

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121
papers

8,178
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44069

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87
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times ranked

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#	ARTICLE	IF	CITATIONS
1	Sustained Release of a Synthetic Autoinducing Peptide Mimetic Blocks Bacterial Communication and Virulence <i>In Vivo</i> . <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	7
2	Slippery Antifouling Polymer Coatings Fabricated Entirely from Biodegradable and Biocompatible Components. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 17940-17949.	8.0	10
3	Identification of small molecules that strongly inhibit bacterial quorum sensing using a high-throughput lipid vesicle lysis assay. <i>Cell Chemical Biology</i> , 2022, 29, 605-614.e4.	5.2	6
4	Non-Native Peptides Capable of Pan-Activating the <i>agr</i> Quorum Sensing System across Multiple Specificity Groups of <i>Staphylococcus epidermidis</i> . <i>ACS Chemical Biology</i> , 2021, 16, 1070-1078.	3.4	7
5	Bacterial Quorum Sensing Signals Promote Large-Scale Remodeling of Lipid Membranes. <i>Langmuir</i> , 2021, 37, 9120-9136.	3.5	10
6	Liquid Crystal-Infused Porous Polymer Surfaces: A "Slippery" Soft Material Platform for the Naked-Eye Detection and Discrimination of Amphiphilic Species. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33652-33663.	8.0	5
7	Interactions of Bacterial Quorum Sensing Signals with Model Lipid Membranes: Influence of Acyl Tail Structure on Multiscale Response. <i>Langmuir</i> , 2021, 37, 12049-12058.	3.5	3
8	Fabrication of Slippery Liquid-Infused Coatings in Flexible Narrow-Bore Tubing. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 55621-55632.	8.0	6
9	Slippery nanoemulsion-infused porous surfaces (SNIPS): anti-fouling coatings that can host and sustain the release of water-soluble agents. <i>Chemical Communications</i> , 2021, 57, 12691-12694.	4.1	3
10	Conformational Switch to a β -Turn in a Staphylococcal Quorum Sensing Signal Peptide Causes a Dramatic Increase in Potency. <i>Journal of the American Chemical Society</i> , 2020, 142, 750-761.	13.7	10
11	Chemical Control of Quorum Sensing in <i>E. coli</i> : Identification of Small Molecule Modulators of SdiA and Mechanistic Characterization of a Covalent Inhibitor. <i>ACS Infectious Diseases</i> , 2020, 6, 3092-3103.	3.8	13
12	Liquid Crystal Emulsions That Intercept and Report on Bacterial Quorum Sensing. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29056-29065.	8.0	13
13	Design, Synthesis, and Biochemical Characterization of Non-Native Antagonists of the <i>Pseudomonas aeruginosa</i> Quorum Sensing Receptor LasR with Nanomolar IC ₅₀ Values. <i>ACS Infectious Diseases</i> , 2020, 6, 649-661.	3.8	29
14	Bacterial Quorum Sensing Signals Self-Assemble in Aqueous Media to Form Micelles and Vesicles: An Integrated Experimental and Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , 2020, 124, 3616-3628.	2.6	12
15	<i>N</i> -Acyl Homoserine Lactone Analog Modulators of the <i>Pseudomonas aeruginosa</i> RhII Quorum Sensing Signal Synthase. <i>ACS Chemical Biology</i> , 2019, 14, 2305-2314.	3.4	13
16	Potent modulation of the CepR quorum sensing receptor and virulence in a <i>Burkholderia cepacia</i> complex member using non-native lactone ligands. <i>Scientific Reports</i> , 2019, 9, 13449.	3.3	4
17	<i>N</i> -Acyl Homocysteine Thiolactones Are Potent and Stable Synthetic Modulators of the RhIR Quorum Sensing Receptor in <i>Pseudomonas aeruginosa</i> . <i>ACS Chemical Biology</i> , 2019, 14, 186-191.	3.4	21
18	Omics Technologies to Understand Activation of a Biosynthetic Gene Cluster in <i>Micromonospora</i> sp. WMMB235: Deciphering Keyicin Biosynthesis. <i>ACS Chemical Biology</i> , 2019, 14, 1260-1270.	3.4	8

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19	Simplified Autoinducing Peptide Mimetics with Single-Nanomolar Activity Against the <i>Staphylococcus aureus</i> AgrC Quorum Sensing Receptor. <i>ACS Infectious Diseases</i> , 2019, 5, 484-492.	3.8	26
20	Mechanism of agonism and antagonism of the <i>Pseudomonas aeruginosa</i> quorum sensing regulator QscR with non-native ligands. <i>Molecular Microbiology</i> , 2018, 108, 240-257.	2.5	33
21	Non-native autoinducer analogs capable of modulating the SdiA quorum sensing receptor in <i>Salmonella enterica</i> serovar Typhimurium. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2651-2664.	2.2	12
22	Selection of Appropriate Autoinducer Analogues for the Modulation of Quorum Sensing at the Host-Bacterium Interface. <i>ACS Chemical Biology</i> , 2018, 13, 3115-3122.	3.4	9
23	A comparative study of non-native N-acyl L-homoserine lactone analogs in two <i>Pseudomonas aeruginosa</i> quorum sensing receptors that share a common native ligand yet inversely regulate virulence. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5336-5342.	3.0	11
24	Periprosthetic bacterial biofilm and quorum sensing. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2331-2339.	2.3	43
25	The State of the Union Is Strong: a Review of ASM's 6th Conference on Cell-Cell Communication in Bacteria. <i>Journal of Bacteriology</i> , 2018, 200, .	2.2	0
26	Structural and Biochemical Studies of Non-native Agonists of the LasR Quorum-Sensing Receptor Reveal an L3 Loop Conformation for LasR. <i>Cell Chemical Biology</i> , 2018, 25, 1128-1139.e3.	5.2	43
27	Structure-Function Analyses of the N-Butanoyl-Homoserine Lactone Quorum-Sensing Signal Define Features Critical to Activity in RhlR. <i>ACS Chemical Biology</i> , 2018, 13, 2655-2662.	3.4	29
28	Towards a pan-group activator of the quorum sensing system in the common pathogen <i>Staphylococcus epidermidis</i> . <i>FASEB Journal</i> , 2018, 32, 656.15.	0.5	0
29	Nonwoven Polymer Nanofiber Coatings That Inhibit Quorum Sensing in <i>Staphylococcus aureus</i> : Toward New Nonbactericidal Approaches to Infection Control. <i>ACS Infectious Diseases</i> , 2017, 3, 271-280.	3.8	27
30	Simplified AIP Peptidomimetics Are Potent Inhibitors of <i>Staphylococcus aureus</i> AgrC Quorum Sensing Receptors. <i>ChemBioChem</i> , 2017, 18, 413-423.	2.6	42
31	Microwave-Facilitated SPOT-Synthesis of Antibacterial Dipeptoids. <i>ACS Combinatorial Science</i> , 2017, 19, 715-737.	3.8	8
32	Chemical Interrogation of LuxR-type Quorum Sensing Receptors Reveals New Insights into Receptor Selectivity and the Potential for Interspecies Bacterial Signaling. <i>ACS Chemical Biology</i> , 2017, 12, 2457-2464.	3.4	28
33	Highly Stable, Amide-Bridged Autoinducing Peptide Analogues that Strongly Inhibit the AgrC Quorum Sensing Receptor in <i>Staphylococcus aureus</i> . <i>Angewandte Chemie</i> , 2016, 128, 9059-9063.	2.0	14
34	Highly Stable, Amide-Bridged Autoinducing Peptide Analogues that Strongly Inhibit the AgrC Quorum Sensing Receptor in <i>Staphylococcus aureus</i> . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8913-8917.	13.8	59
35	Interkingdom Responses to Bacterial Quorum Sensing Signals Regulate Frequency and Rate of Nodulation in Legume-Rhizobia Symbiosis. <i>ChemBioChem</i> , 2016, 17, 2199-2205.	2.6	18
36	Slippery Liquid-Infused Porous Surfaces that Prevent Microbial Surface Fouling and Kill Non-Adherent Pathogens in Surrounding Media: A Controlled Release Approach. <i>Advanced Functional Materials</i> , 2016, 26, 3599-3611.	14.9	132

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37	Structure-Function Analyses of a <i>Staphylococcus epidermidis</i> Autoinducing Peptide Reveals Motifs Critical for AgrC-type Receptor Modulation. <i>ACS Chemical Biology</i> , 2016, 11, 1982-1991.	3.4	44
38	Slippery Liquid-Infused Porous Surfaces that Prevent Bacterial Surface Fouling and Inhibit Virulence Phenotypes in Surrounding Planktonic Cells. <i>ACS Infectious Diseases</i> , 2016, 2, 509-517.	3.8	83
39	Chemical probes of quorum sensing: from compound development to biological discovery. <i>FEMS Microbiology Reviews</i> , 2016, 40, 774-794.	8.6	105
40	Structure-Based Design and Biological Evaluation of Triphenyl Scaffold-Based Hybrid Compounds as Hydrolytically Stable Modulators of a LuxR-Type Quorum Sensing Receptor. <i>ACS Infectious Diseases</i> , 2016, 2, 32-38.	3.8	32
41	Chemical Genetics Reveals Environment-Specific Roles for Quorum Sensing Circuits in <i>Pseudomonas aeruginosa</i> . <i>Cell Chemical Biology</i> , 2016, 23, 361-369.	5.2	79
42	Characterization of structural elements in native autoinducing peptides and non-native analogues that permit the differential modulation of AgrC-type quorum sensing receptors in <i>Staphylococcus aureus</i> . <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 113-121.	2.8	43
43	Identification of Unanticipated and Novel N-Acyl L-Homoserine Lactones (AHLs) Using a Sensitive Non-Targeted LC-MS/MS Method. <i>PLoS ONE</i> , 2016, 11, e0163469.	2.5	55
44	Potent and Selective Modulation of the RhlR Quorum Sensing Receptor by Using Non-native Ligands: An Emerging Target for Virulence Control in <i>Pseudomonas aeruginosa</i> . <i>ChemBioChem</i> , 2015, 16, 2348-2356.	2.6	50
45	Unraveling the contributions of hydrogen-bonding interactions to the activity of native and non-native ligands in the quorum-sensing receptor LasR. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1453-1462.	2.8	25
46	Small Molecule Disruption of Quorum Sensing Cross-Regulation in <i>Pseudomonas aeruginosa</i> Causes Major and Unexpected Alterations to Virulence Phenotypes. <i>Journal of the American Chemical Society</i> , 2015, 137, 1510-1519.	13.7	142
47	A Comparative Analysis of Synthetic Quorum Sensing Modulators in <i>Pseudomonas aeruginosa</i> : New Insights into Mechanism, Active Efflux Susceptibility, Phenotypic Response, and Next-Generation Ligand Design. <i>Journal of the American Chemical Society</i> , 2015, 137, 14626-14639.	13.7	81
48	Nanoporous Superhydrophobic Coatings that Promote the Extended Release of Water-Labile Quorum Sensing Inhibitors and Enable Long-Term Modulation of Quorum Sensing in <i>Staphylococcus aureus</i> . <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1039-1049.	5.2	43
49	Non-native acylated homoserine lactones reveal that <i>LuxIR</i> quorum sensing promotes symbiont stability. <i>Environmental Microbiology</i> , 2014, 16, 2623-2634.	3.8	12
50	Mutational Analysis of the Quorum-Sensing Receptor LasR Reveals Interactions that Govern Activation and Inhibition by Nonlactone Ligands. <i>Chemistry and Biology</i> , 2014, 21, 1361-1369.	6.0	40
51	Active Efflux Influences the Potency of Quorum Sensing Inhibitors in <i>Pseudomonas aeruginosa</i> . <i>ChemBioChem</i> , 2014, 15, 435-442.	2.6	52
52	Non-native N-Aroyl L-Homoserine Lactones Are Potent Modulators of the Quorum Sensing Receptor RpaR in <i>Rhodopseudomonas palustris</i> . <i>ChemBioChem</i> , 2014, 15, 87-93.	2.6	11
53	N-Methyl and peptoid scans of an autoinducing peptide reveal new structural features required for inhibition and activation of AgrC quorum sensing receptors in <i>Staphylococcus aureus</i> . <i>Chemical Communications</i> , 2014, 50, 3000-3003.	4.1	33
54	Plant Responses to Bacterial N-Acyl L-Homoserine Lactones are Dependent on Enzymatic Degradation to L-Homoserine. <i>ACS Chemical Biology</i> , 2014, 9, 1834-1845.	3.4	93

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55	Competition Studies Confirm Two Major Barriers That Can Preclude the Spread of Resistance to Quorum-Sensing Inhibitors in Bacteria. <i>ACS Chemical Biology</i> , 2014, 9, 2291-2299.	3.4	106
56	Surface Coatings that Promote Rapid Release of Peptide-Based AgrC Inhibitors for Attenuation of Quorum Sensing in <i>Staphylococcus aureus</i> . <i>Advanced Healthcare Materials</i> , 2014, 3, 97-105.	7.6	30
57	Synthesis and biological evaluation of triazole-containing N-acyl homoserine lactones as quorum sensing modulators. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 938-954.	2.8	57
58	A Peptoid Ribbon Secondary Structure. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5079-5084.	13.8	99
59	Highly Potent Inhibitors of Quorum Sensing in <i>Staphylococcus aureus</i> Revealed Through a Systematic Synthetic Study of the Group-III Autoinducing Peptide. <i>Journal of the American Chemical Society</i> , 2013, 135, 7869-7882.	13.7	118
60	Structural Characterization of Native Autoinducing Peptides and Abiotic Analogues Reveals Key Features Essential for Activation and Inhibition of an AgrC Quorum Sensing Receptor in <i>Staphylococcus aureus</i> . <i>Journal of the American Chemical Society</i> , 2013, 135, 18436-18444.	13.7	49
61	Surface-Mediated Release of a Small Molecule Modulator of Bacterial Biofilm Formation: A Non-Bactericidal Approach to Inhibiting Biofilm Formation in <i>Pseudomonas aeruginosa</i> . <i>Advanced Healthcare Materials</i> , 2013, 2, 993-1000.	7.6	25
62	Expedient construction of small molecule macroarrays via sequential palladium- and copper-mediated reactions and their ex situ biological testing. <i>Chemical Science</i> , 2012, 3, 1555.	7.4	5
63	Chemical methods to interrogate bacterial quorum sensing pathways. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8189.	2.8	38
64	Attenuation of Quorum Sensing in the Pathogen <i>Acinetobacter baumannii</i> Using Non-native N-Acyl Homoserine Lactones. <i>ACS Chemical Biology</i> , 2012, 7, 1719-1728.	3.4	104
65	2-Aminobenzimidazole Derivatives Strongly Inhibit and Disperse <i>Pseudomonas aeruginosa</i> Biofilms. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5226-5229.	13.8	121
66	Surface-mediated release of a synthetic small-molecule modulator of bacterial quorum sensing: Gradual release enhances activity. <i>Chemical Communications</i> , 2011, 47, 370-372.	4.1	29
67	Extraordinarily Robust Polyproline Type I Peptoid Helices Generated via the Incorporation of \pm -Chiral Aromatic N-1-Naphthylethyl Side Chains. <i>Journal of the American Chemical Society</i> , 2011, 133, 15559-15567.	13.7	185
68	Attenuation of Virulence in Pathogenic Bacteria Using Synthetic Quorum-Sensing Modulators under Native Conditions on Plant Hosts. <i>ACS Chemical Biology</i> , 2011, 6, 1348-1356.	3.4	48
69	Synthesis and application of an N-acylated l-homoserine lactone derivatized affinity matrix for the isolation of quorum sensing signal receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5054-5057.	2.2	9
70	Improved Small-Molecule Macroarray Platform for the Rapid Synthesis and Discovery of Antibacterial Chalcones. <i>ACS Combinatorial Science</i> , 2011, 13, 175-180.	3.8	8
71	Design and conformational analysis of peptoids containing N-hydroxy amides reveals a unique sheet-like secondary structure. <i>Biopolymers</i> , 2011, 96, 604-616.	2.4	52
72	Quorum Sensing in Bacterial Species that Use Degenerate Autoinducers Can Be Tuned by Using Structurally Identical Non-native Ligands. <i>ChemBioChem</i> , 2011, 12, 138-147.	2.6	27

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73	Potent and Selective Synthetic Modulators of a Quorum Sensing Repressor in <i>Pseudomonas aeruginosa</i> Identified from Second-Generation Libraries of N-Acylated L-L-Homoserine Lactones. <i>ChemBioChem</i> , 2011, 12, 942-949.	2.6	50
74	Thiolactone modulators of quorum sensing revealed through library design and screening. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 4820-4828.	3.0	87
75	Design, synthesis, and biological evaluation of abiotic, non-lactone modulators of LuxR-type quorum sensing. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 4812-4819.	3.0	50
76	Isovaleryl-homoserine lactone, an unusual branched-chain quorum-sensing signal from the soybean symbiont <i>Bradyrhizobium japonicum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16765-16770.	7.1	104
77	Small Molecule Macroarray Construction via Palladium-Mediated Carbon-Carbon Bond-Forming Reactions: Highly Efficient Synthesis and Screening of Stilbene Arrays. <i>Chemistry - A European Journal</i> , 2010, 16, 2692-2695.	3.3	10
78	Small Molecules That Modulate Quorum Sensing and Control Virulence in <i>Pseudomonas aeruginosa</i> . <i>Journal of Organic Chemistry</i> , 2010, 75, 6737-6746.	3.2	103
79	Construction of Peptoids with All-Trans-Amide Backbones and Peptoid Reverse Turns via the Tactical Incorporation of N-Aryl Side Chains Capable of Hydrogen Bonding. <i>Journal of Organic Chemistry</i> , 2010, 75, 6068-6078.	3.2	84
80	Efficient Synthesis and Evaluation of Quorum-Sensing Modulators Using Small Molecule Macroarrays. <i>Organic Letters</i> , 2009, 11, 4600-4603.	4.6	45
81	Synthesis and Characterization of Nitroaromatic Peptoids: Fine Tuning Peptoid Secondary Structure through Monomer Position and Functionality. <i>Journal of Organic Chemistry</i> , 2009, 74, 1440-1449.	3.2	50
82	Structure-function relationships in peptoids: Recent advances toward deciphering the structural requirements for biological function. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1508.	2.8	262
83	New Strategies for the Design of Folded Peptoids Revealed by a Survey of Noncovalent Interactions in Model Systems. <i>Journal of the American Chemical Society</i> , 2009, 131, 16555-16567.	13.7	186
84	Efficient Construction of Diketopiperazine Macroarrays Through a Cyclative-Cleavage Strategy and Their Evaluation as Luminescence Inhibitors in the Bacterial Symbiont <i>Vibrio fischeri</i> . <i>ACS Combinatorial Science</i> , 2009, 11, 1094-1099.	3.3	28
85	New and Unexpected Insights into the Modulation of LuxR-Type Quorum Sensing by Cyclic Dipeptides. <i>ACS Chemical Biology</i> , 2009, 4, 1051-1059.	3.4	124
86	Comparative Analyses of N-Acylated Homoserine Lactones Reveal Unique Structural Features that Dictate Their Ability to Activate or Inhibit Quorum Sensing. <i>ChemBioChem</i> , 2008, 9, 389-400.	2.6	105
87	Synthetic ligands that activate and inhibit a quorum-sensing regulator in <i>Pseudomonas aeruginosa</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 3072-3075.	2.2	67
88	Evaluation of a focused library of N-aryl L-homoserine lactones reveals a new set of potent quorum sensing modulators. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5978-5981.	2.2	91
89	Deciphering a protolanguage for bacterial host communication. <i>Nature Chemical Biology</i> , 2008, 4, 452-454.	8.0	12
90	Expanding dialogues: from natural autoinducers to non-natural analogues that modulate quorum sensing in Gram-negative bacteria. <i>Chemical Society Reviews</i> , 2008, 37, 1432.	38.1	232

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91	Design and Synthesis of Macrocyclic Peptomers as Mimics of a Quorum Sensing Signal from <i>Staphylococcus aureus</i> . <i>Organic Letters</i> , 2008, 10, 2329-2332.	4.6	76
92	Solid-Phase and Microwave-Assisted Syntheses of 2,5-Diketopiperazines: Small Molecules with Great Potential. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007, 10, 857-876.	1.1	34
93	Control of Quorum Sensing by a <i>Burkholderia pseudomallei</i> Multidrug Efflux Pump. <i>Journal of Bacteriology</i> , 2007, 189, 4320-4324.	2.2	90
94	N-Phenylacetanoyl-L-Homoserine Lactones Can Strongly Antagonize or Superagonize Quorum Sensing in <i>Vibrio fischeri</i> . <i>ACS Chemical Biology</i> , 2007, 2, 315-319.	3.4	108
95	Modulation of Bacterial Quorum Sensing with Synthetic Ligands: Systematic Evaluation of <i>N</i> -Acylated Homoserine Lactones in Multiple Species and New Insights into Their Mechanisms of Action. <i>Journal of the American Chemical Society</i> , 2007, 129, 13613-13625.	13.7	246
96	Rapid Identification of Antibacterial Agents Effective against <i>Staphylococcus aureus</i> Using Small-Molecule Macroarrays. <i>Chemistry and Biology</i> , 2007, 14, 351-357.	6.0	20
97	<i>N</i> -{(Aminocarbonyl)[(S)-4-nitrobenzyl]methyl}- <i>N</i> -{[(R)-cyclohexyl](cyclohexylaminocarbonyl)methyl}propanamide methanol solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o1892-o1894.	0.2	1
98	Local and Tunable π - π^* Interactions Regulate Amide Isomerism in the Peptoid Backbone. <i>Journal of the American Chemical Society</i> , 2007, 129, 8928-8929.	13.7	195
99	Discovery of Fluorescent Cyanopyridine and Deazalumazine Dyes Using Small Molecule Macroarrays. <i>Organic Letters</i> , 2006, 8, 1645-1648.	4.6	55
100	Rapid synthesis of diketopiperazine macroarrays via Ugi four-component reactions on planar solid supports. <i>Chemical Communications</i> , 2006, , 2884.	4.1	44
101	Interception of quorum sensing in <i>Staphylococcus aureus</i> : a new niche for peptidomimetics. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 1441.	2.8	33
102	A New Model for Transitioning Students from the Undergraduate Teaching Laboratory to the Research Laboratory. The Evolution of an Intermediate Organic Synthesis Laboratory Course. <i>Journal of Chemical Education</i> , 2006, 83, 1835.	2.3	24
103	Tuning Peptoid Secondary Structure with Pentafluoroaromatic Functionality: A New Design Paradigm for the Construction of Discretely Folded Peptoid Structures. <i>Journal of the American Chemical Society</i> , 2006, 128, 14378-14387.	13.7	97
104	Hitting the SPOT: small-molecule macroarrays advance combinatorial synthesis. <i>Current Opinion in Chemical Biology</i> , 2006, 10, 203-212.	6.1	82
105	Efficient synthesis of small molecule macroarrays: optimization of the macroarray synthesis platform and examination of microwave and conventional heating methods. <i>Tetrahedron</i> , 2006, 62, 4715-4727.	1.9	33
106	Bacterial Crowd Control with Iron. <i>Chemistry and Biology</i> , 2005, 12, 721-723.	6.0	5
107	Expedient Synthesis and Design Strategies for New Peptoid Construction. <i>Organic Letters</i> , 2005, 7, 1521-1524.	4.6	83
108	Small Molecule Macroarray Construction via Ugi Four-Component Reactions. <i>Organic Letters</i> , 2005, 7, 4455-4458.	4.6	52

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109	Small Molecule Inhibitors of Bacterial Quorum Sensing and Biofilm Formation. <i>Journal of the American Chemical Society</i> , 2005, 127, 12762-12763.	13.7	281
110	Microwave-Accelerated SPOT-Synthesis on Cellulose Supports. <i>Organic Letters</i> , 2004, 6, 2019-2022.	4.6	73
111	Out of the Oil Bath and into the Oven – Microwave-Assisted Combinatorial Chemistry Heats up.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
112	SIR1, an Upstream Component in Auxin Signaling Identified by Chemical Genetics. <i>Science</i> , 2003, 301, 1107-1110.	12.6	158
113	Out of the oil bath and into the oven – microwave-assisted combinatorial chemistry heats up. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 1251-1255.	2.8	134
114	Chemical Genetic Approaches to Plant Biology. <i>Plant Physiology</i> , 2003, 133, 448-455.	4.8	132
115	Diversity-Oriented Synthesis of Biaryl-Containing Medium Rings Using a One Bead/One Stock Solution Platform. <i>Journal of the American Chemical Society</i> , 2002, 124, 1354-1363.	13.7	168
116	Ring-Closing Metathesis of Olefinic Peptides: Design, Synthesis, and Structural Characterization of Macrocyclic Helical Peptides. <i>Journal of Organic Chemistry</i> , 2001, 66, 5291-5302.	3.2	216
117	Identification of a Class of Small Molecule Inhibitors of the Sirtuin Family of NAD-dependent Deacetylases by Phenotypic Screening. <i>Journal of Biological Chemistry</i> , 2001, 276, 38837-38843.	3.4	482
118	A one-bead, one-stock solution approach to chemical genetics: part 1. <i>Chemistry and Biology</i> , 2001, 8, 1167-1182.	6.0	117
119	Highly Efficient Synthesis of Covalently Cross-Linked Peptide Helices by Ring-Closing Metathesis. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3281-3284.	13.8	479
120	Highly Efficient Synthesis of Covalently Cross-Linked Peptide Helices by Ring-Closing Metathesis. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3281-3284.	13.8	6
121	Sustained Release of a Synthetic Autoinducing Peptide Mimetic Blocks Bacterial Communication and Virulence In Vivo. <i>Angewandte Chemie</i> , 0, , .	2.0	0