

# Warren R J D Galloway

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/10383318/warren-r-j-d-galloway-publications-by-citations.pdf>

**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54 papers	2,757 citations	23 h-index	52 g-index
66 ext. papers	3,094 ext. citations	9.5 avg, IF	5.08 L-index

#	Paper	IF	Citations
54	Diversity-oriented synthesis as a tool for the discovery of novel biologically active small molecules. <i>Nature Communications</i> , <b>2010</b> , 1, 80	17.4	539
53	Quorum sensing in Gram-negative bacteria: small-molecule modulation of AHL and AI-2 quorum sensing pathways. <i>Chemical Reviews</i> , <b>2011</b> , 111, 28-67	68.1	438
52	Palladium-catalysed cross-coupling of organosilicon reagents. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 1845-68	68.5	270
51	Applications of small molecule activators and inhibitors of quorum sensing in Gram-negative bacteria. <i>Trends in Microbiology</i> , <b>2012</b> , 20, 449-58	12.4	155
50	The discovery of antibacterial agents using diversity-oriented synthesis. <i>Chemical Communications</i> , <b>2009</b> , 2446-62	5.8	100
49	Diversity-oriented synthesis of macrocyclic peptidomimetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 6793-8	11.5	95
48	Skeletal diversity construction via a branching synthetic strategy. <i>Chemical Communications</i> , <b>2006</b> , 3296-8	3.8	87
47	Inhibition of the production of the <i>Pseudomonas aeruginosa</i> virulence factor pyocyanin in wild-type cells by quorum sensing autoinducer-mimics. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 8452-64	3.9	57
46	Design, synthesis and biological evaluation of non-natural modulators of quorum sensing in <i>Pseudomonas aeruginosa</i> . <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 6032-44	3.9	56
45	A two-component double-click approach to peptide stapling. <i>Nature Protocols</i> , <b>2015</b> , 10, 585-94	18.8	54
44	How diverse are diversity assessment methods? A comparative analysis and benchmarking of molecular descriptor space. <i>Journal of Chemical Information and Modeling</i> , <b>2014</b> , 54, 230-42	6.1	53
43	A general approach for the site-selective modification of native proteins, enabling the generation of stable and functional antibody-drug conjugates. <i>Chemical Science</i> , <b>2019</b> , 10, 694-700	9.4	52
42	Identification of an anti-MRSA dihydrofolate reductase inhibitor from a diversity-oriented synthesis. <i>Chemical Communications</i> , <b>2008</b> , 4962-4	5.8	46
41	Structure-activity analysis of the <i>Pseudomonas</i> quinolone signal molecule. <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 3833-7	3.5	45
40	Partially Saturated Bicyclic Heteroaromatics as an sp(3) -Enriched Fragment Collection. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 12479-83	16.4	45
39	Microwave and flow syntheses of <i>Pseudomonas</i> quinolone signal (PQS) and analogues. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 57-61	3.9	44
38	Synthesis of unprecedented scaffold diversity. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 1194-6	6.4	44

37	Diversity-oriented synthesis of bicyclic and tricyclic alkaloids. <i>Chemical Communications</i> , <b>2010</b> , 46, 776-8	5.8	40
36	A diversity-oriented synthesis strategy enabling the combinatorial-type variation of macrocyclic peptidomimetic scaffolds. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 4570-80	3.9	34
35	A Multidimensional Diversity-Oriented Synthesis Strategy for Structurally Diverse and Complex Macrocycles. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 11139-43	16.4	34
34	Towards quorum-quenching catalytic antibodies. <i>Chemical Communications</i> , <b>2009</b> , 538-40	5.8	32
33	The Synthesis of Quinolone Natural Products from Pseudonocardia sp.. <i>European Journal of Organic Chemistry</i> , <b>2016</b> , 2016, 434-437	3.2	23
32	Concise copper-catalyzed synthesis of tricyclic biaryl ether-linked aza-heterocyclic ring systems. <i>Organic Letters</i> , <b>2013</b> , 15, 5448-51	6.2	22
31	Two-directional synthesis as a tool for diversity-oriented synthesis: Synthesis of alkaloid scaffolds. <i>Beilstein Journal of Organic Chemistry</i> , <b>2012</b> , 8, 850-60	2.5	19
30	Discovery of a quorum sensing modulator pharmacophore by 3D small-molecule microarray screening. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 5313-23	3.9	19
29	Vinyl-disiloxanes: their synthesis, cross coupling and applications. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 504-15	3.9	19
28	Concise Synthesis of Substituted Quinolizin-4-ones by Ring-Closing Metathesis. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 5767-5776	3.2	18
27	Toolbox of Diverse Linkers for Navigating the Cellular Efficacy Landscape of Stapled Peptides. <i>ACS Chemical Biology</i> , <b>2019</b> , 14, 526-533	4.9	16
26	Microwave-assisted preparation of the quorum-sensing molecule 2-heptyl-3-hydroxy-4(1H)-quinolone and structurally related analogs. <i>Nature Protocols</i> , <b>2012</b> , 7, 1184-92	18.8	16
25	Novel and efficient copper-catalysed synthesis of nitrogen-linked medium-ring biaryls. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 2981-6	4.8	16
24	Discovery of an inhibitor of the production of the Pseudomonas aeruginosa virulence factor pyocyanin in wild-type cells. <i>Beilstein Journal of Organic Chemistry</i> , <b>2016</b> , 12, 1428-33	2.5	16
23	Synthesis of a novel polycyclic ring scaffold with antimitotic properties a selective domino Heck-Suzuki reaction. <i>Chemical Science</i> , <b>2015</b> , 6, 390-396	9.4	15
22	Partially Saturated Bicyclic Heteroaromatics as an sp <sup>3</sup> -Enriched Fragment Collection. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 12667-12671	3.6	14
21	Protein modification alkyne hydrosilylation using a substoichiometric amount of ruthenium(ii) catalyst. <i>Chemical Science</i> , <b>2017</b> , 8, 3871-3878	9.4	12
20	Aryl-aryl bond formation by the fluoride-free cross-coupling of aryl-disiloxanes with aryl bromides. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 13230-9	4.8	12

19	Combinatorial Synthesis of Structurally Diverse Triazole-Bridged Flavonoid Dimers and Trimers. <i>Molecules</i> , <b>2016</b> , 21,	4.8	12
18	A concise total synthesis of deoxyschizandrin and exploration of its antiproliferative effects and those of structurally related derivatives. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 3193-8	4.8	11
17	Mild and Efficient Synthesis of Benzo-Fused Seven- and Eight-membered Ring Lactams: A Convenient Approach to Biologically Interesting Chemotypes. <i>Synthetic Communications</i> , <b>2013</b> , 43, 1508-1516	4.7	10
16	Design and synthesis of a biotinylated chemical probe for detecting the molecular targets of an inhibitor of the production of the <i>Pseudomonas aeruginosa</i> virulence factor pyocyanin. <i>Molecules</i> , <b>2013</b> , 18, 11783-96	4.8	10
15	Divergent synthesis of biflavonoids yields novel inhibitors of the aggregation of amyloid $\beta$ (1-42). <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 4554-4570	3.9	8
14	Studies towards the synthesis of indolizin-5(3H)-one derivatives and related 6,5-azabicyclic scaffolds by ring-closing metathesis. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 2666-79	3.4	8
13	The Basics of Diversity-Oriented Synthesis <b>2013</b> , 1-26		7
12	Bioinspired Total Synthesis of Bussealin E. <i>Organic Letters</i> , <b>2018</b> , 20, 1597-1599	6.2	6
11	Divergent Total Syntheses of Flavonoid Natural Products Isolated from <i>Rosa rugosa</i> and <i>Citrus unshiu</i> . <i>Synlett</i> , <b>2016</b> , 27, 1725-1727	2.2	6
10	Mastering the chemical language of bacteria. <i>Chemistry and Biology</i> , <b>2009</b> , 16, 913-4		5
9	Functionalized Double Strain-Promoted Stapled Peptides for Inhibiting the p53-MDM2 Interaction. <i>ACS Omega</i> , <b>2020</b> , 5, 1157-1169	3.9	5
8	Dynamic Combinatorial Chemistry with Novel Dithiol Building Blocks: Towards New Structurally Diverse and Adaptive Screening Collections. <i>Synlett</i> , <b>2013</b> , 24, 765-769	2.2	4
7	A Multidimensional Diversity-Oriented Synthesis Strategy for Structurally Diverse and Complex Macrocycles. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 11305-11309	3.6	4
6	( <i>o</i> )-Selective Takai olefination of salicylaldehydes. <i>Beilstein Journal of Organic Chemistry</i> , <b>2017</b> , 13, 323-328	3.5	3
5	Diversity-Oriented Synthesis: Developing New Chemical Tools to Probe and Modulate Biological Systems <b>2014</b> , 379-390		2
4	New Advances in Diversity-Oriented Synthesis <b>2015</b> , 77-101		2
3	PNA to DNA to microarray decoding facilitates ligand discovery. <i>Chemistry and Biology</i> , <b>2011</b> , 18, 1209-10		2
2	Diversity-Oriented Synthesis <b>2011</b> , 131-150		2

- 1 Divergent Synthesis of Novel Cylindrocyclophanes that Inhibit Methicillin-Resistant *Staphylococcus aureus* (MRSA). *ChemMedChem*, **2020**, 15, 1289-1293 3.7 1