

# Laurence Burroughs

## List of Publications by Year in descending order

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papers

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docs citations

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times ranked

566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bespoke 3D-Printed Polydrug Implants Created via Microstructural Control of Oligomers. ACS Applied Materials & Interfaces, 2021, 13, 38969-38978.	8.0	6
2	Discovery of a Novel Polymer for Xeno-Free, Long-Term Culture of Human Pluripotent Stem Cell Expansion. Advanced Healthcare Materials, 2021, 10, e2001448.	7.6	8
3	Development of dual anti-biofilm and anti-bacterial medical devices. Biomaterials Science, 2020, 8, 3926-3934.	5.4	19
4	Polymer microarrays rapidly identify competitive adsorbents of virus-like particles. Biointerphases, 2020, 15, 061005.	1.6	5
5	Single-Cell Tracking on Polymer Microarrays Reveals the Impact of Surface Chemistry on <i>Pseudomonas aeruginosa</i> Twitching Speed and Biofilm Development. ACS Applied Bio Materials, 2020, 3, 8471-8480.	4.6	6
6	Discovery of (meth)acrylate polymers that resist colonization by fungi associated with pathogenesis and biodeterioration. Science Advances, 2020, 6, eaba6574.	10.3	29
7	Multifunctional Bioinspired 3D Architectures to Modulate Cellular Behavior. Advanced Functional Materials, 2019, 29, 1902016.	14.9	25
8	Polymer Microparticles with Defined Surface Chemistry and Topography Mediate the Formation of Stem Cell Aggregates and Cardiomyocyte Function. ACS Applied Materials & Interfaces, 2019, 11, 34560-34574.	8.0	25
9	Synthesis of Methacrylate-Terminated Block Copolymers with Reduced Transesterification by Controlled Ring-Opening Polymerization. Macromolecular Chemistry and Physics, 2019, 220, 1800459.	2.2	16
10	Nucleoside-Based Self-Assembling Drugs for Localized Drug Delivery. ChemMedChem, 2018, 13, 1098-1101.	3.2	5
11	Low-Cost and Sustainable Organic Thermoelectrics Based on Low-Dimensional Molecular Metals. Advanced Materials, 2017, 29, 1605682.	21.0	50
12	Straightforward Synthesis of 2- and 2,8-Substituted Tetracenes. Chemistry - A European Journal, 2017, 23, 7819-7824.	3.3	12
13	Diversification of <i>ortho</i> -Fused Cycloocta-2,5-dien-1-one Cores and Eight-to Six-Ring Conversion by <i>ipso</i> Bond C-C Cleavage. Chemistry - A European Journal, 2016, 22, 12542-12547.	3.3	4
14	Efficient Preparation of TMS-CCl <sub>2</sub> Br and Its Use in Dichlorocyclopropanation of Electron-Deficient Alkenes. Chemistry - A European Journal, 2016, 22, 7609-7616.	3.3	4
15	Understanding anionic Chugaev elimination in pericyclic tetracene formation. Tetrahedron, 2016, 72, 1686-1689.	1.9	3
16	One-Pot Cannizzaro Cascade Synthesis of <i>ortho</i> -Fused Cycloocta-2,5-dien-1-one Cores from 2-Bromo(hetero)aryl Aldehydes. Angewandte Chemie - International Edition, 2015, 54, 10648-10651.	13.8	10
17	Anionic sigmatropic-electrocyclic-Chugaev cascades: accessing 12-aryl-5-(methylthiocarbonylthio)tetracenes and a related anthra[2,3- <i>b</i> ]thiophene. Beilstein Journal of Organic Chemistry, 2015, 11, 273-279.	2.2	9
18	Asymmetric organocatalytic formation of protected and unprotected tetroses under potentially prebiotic conditions. Organic and Biomolecular Chemistry, 2012, 10, 1565.	2.8	28

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19	The Asymmetric Mitsunobu Reaction and Its Application to the Construction of the C1-C19 Bis-pyran Unit of Phorbolone B. <i>Organic Letters</i> , 2011, 13, 624-627.	4.6	32
20	Efficient asymmetric organocatalytic formation of erythrose and threose under aqueous conditions. <i>Chemical Communications</i> , 2010, 46, 4776.	4.1	35