

# David E Mainwaring

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1715502/publications.pdf>

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8  
papers

1,002  
citations

1307543

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1708  
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#	ARTICLE	IF	CITATIONS
1	Polymerization-Induced Phase Segregation and Self-Assembly of Siloxane Additives to Provide Thermoset Coatings with a Defined Surface Topology and Biocidal and Self-Cleaning Properties. <i>Nanomaterials</i> , 2019, 9, 1610.	4.1	6
2	Role of topological scale in the differential fouling of <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> bacterial cells on wrinkled gold-coated polystyrene surfaces. <i>Nanoscale</i> , 2018, 10, 5089-5096.	5.6	35
3	Subtle Variations in Surface Properties of Black Silicon Surfaces Influence the Degree of Bactericidal Efficiency. <i>Nano-Micro Letters</i> , 2018, 10, 36.	27.0	68
4	Copolymers enhance selective bacterial community colonization for potential root zone applications. <i>Scientific Reports</i> , 2017, 7, 15902.	3.3	8
5	Bactericidal activity of self-assembled palmitic and stearic fatty acid crystals on highly ordered pyrolytic graphite. <i>Acta Biomaterialia</i> , 2017, 59, 148-157.	8.3	42
6	The nature of inherent bactericidal activity: insights from the nanotopology of three species of dragonfly. <i>Nanoscale</i> , 2016, 8, 6527-6534.	5.6	104
7	Impact of particle nanotopology on water transport through hydrophobic soils. <i>Journal of Colloid and Interface Science</i> , 2015, 460, 61-70.	9.4	8
8	Bactericidal activity of black silicon. <i>Nature Communications</i> , 2013, 4, 2838.	12.8	731