

# Laura Quinn

## List of Publications by Citations

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

13  
papers

315  
citations

8  
h-index

15  
g-index

15  
ext. papers

467  
ext. citations

6.4  
avg, IF

4.03  
L-index

#	Paper	IF	Citations
13	Nanoparticle-Biofilm Interactions: The Role of the EPS Matrix. <i>Trends in Microbiology</i> , <b>2019</b> , 27, 915-926	12.4	152
12	Ratiometric Imaging of the in Situ pH Distribution of Biofilms by Use of Fluorescent Mesoporous Silica Nanosensors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 32679-32688	9.5	39
11	Metabolism and hydrophilicity of the polarised fJanus face all- tetrafluorocyclohexyl ring, a candidate motif for drug discovery. <i>Chemical Science</i> , <b>2018</b> , 9, 3023-3028	9.4	21
10	Simultaneous removal of malachite green and hexavalent chromium by <i>Cunninghamella elegans</i> biofilm in a semi-continuous system. <i>International Biodeterioration and Biodegradation</i> , <b>2017</b> , 125, 142-149	4.8	20
9	Tailoring Nanoparticle-Biofilm Interactions to Increase the Efficacy of Antimicrobial Agents Against. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 4779-4791	7.3	19
8	Production of drug metabolites by immobilised <i>Cunninghamella elegans</i> : from screening to scale up. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2015</b> , 42, 799-806	4.2	17
7	Enhancing curcumin's solubility and antibiofilm activity via silica surface modification. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 1694-1708	5.1	14
6	Synthesis and self-assembly of curcumin-modified amphiphilic polymeric micelles with antibacterial activity. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 104	9.4	12
5	Surface functionalization-dependent localization and affinity of SiO nanoparticles within the biofilm EPS matrix. <i>Biofilm</i> , <b>2020</b> , 2, 100029	5.9	8
4	A high throughput method to investigate nanoparticle entrapment efficiencies in biofilms. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2020</b> , 193, 111123	6	7
3	Interactions between functionalised silica nanoparticles and <i>Pseudomonas fluorescens</i> biofilm matrix: A focus on the protein corona. <i>PLoS ONE</i> , <b>2020</b> , 15, e0236441	3.7	2
2	Microbial metabolism of fluorinated drugs <b>2019</b> , 281-299		2
1	Population dynamics of a dual - biofilm in a capillary bioreactor. <i>Biofouling</i> , <b>2019</b> , 35, 299-307	3.3	1