

# Brianna R Knowles

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8862165/publications.pdf>

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6  
papers

206  
citations

1936888

4  
h-index

1872312

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

341  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silica Nanoparticles Functionalized with Zwitterionic Sulfobetaine Siloxane for Application as a Versatile Antifouling Coating System. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 18584-18594.	4.0	87
2	Hydration Layer Structure of Biofouling-Resistant Nanoparticles. <i>ACS Nano</i> , 2018, 12, 11610-11624.	7.3	70
3	Zwitterion Functionalized Silica Nanoparticle Coatings: The Effect of Particle Size on Protein, Bacteria, and Fungal Spore Adhesion. <i>Langmuir</i> , 2019, 35, 1335-1345.	1.6	35
4	Modified silica nanoparticle coatings: Dual antifouling effects of self-assembled quaternary ammonium and zwitterionic silanes. <i>Biointerphases</i> , 2020, 15, 021009.	0.6	6
5	Carboxybetaine functionalized nanosilicas as protein resistant surface coatings. <i>Biointerphases</i> , 2020, 15, 011001.	0.6	5
6	Fungal spore adhesion on glycidoxypyltrimethoxy silane modified silica nanoparticle surfaces as revealed by single cell force spectroscopy. <i>Biointerphases</i> , 2020, 15, 031012.	0.6	3