

Brianna R Knowles

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

206
citations

1937457

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341
citing authors

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