

# Emily Caudill

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4141434/publications.pdf>

Version: 2024-02-01

8  
papers

220  
citations

1307594

7  
h-index

1588992

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g-index

8  
all docs

8  
docs citations

8  
times ranked

371  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wall teichoic acids govern cationic gold nanoparticle interaction with Gram-positive bacterial cell walls. <i>Chemical Science</i> , 2020, 11, 4106-4118.	7.4	41
2	Quantifying the Electrostatics of Polycation-Lipid Bilayer Interactions. <i>Journal of the American Chemical Society</i> , 2017, 139, 5808-5816.	13.7	38
3	Impact of Silanization on the Structure, Dispersion Properties, and Biodegradability of Nanocellulose as a Nanocomposite Filler. <i>ACS Applied Nano Materials</i> , 2018, 1, 7025-7038.	5.0	38
4	Biodegradation of Functionalized Nanocellulose. <i>Environmental Science &amp; Technology</i> , 2021, 55, 10744-10757.	10.0	35
5	Peripheral Membrane Proteins Facilitate Nanoparticle Binding at Lipid Bilayer Interfaces. <i>Langmuir</i> , 2018, 34, 10793-10805.	3.5	24
6	Counting charges on membrane-bound peptides. <i>Chemical Science</i> , 2018, 9, 4285-4298.	7.4	23
7	Interfacial electrostatics of poly(vinylamine hydrochloride), poly(diallyldimethylammonium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Physical Chemistry Chemical Physics, 2018, 20, 10846-10856.	2.8	19
8	Influence of Sensor Coating and Topography on Protein and Nanoparticle Interaction with Supported Lipid Bilayers. <i>Langmuir</i> , 2021, 37, 2256-2267.	3.5	2