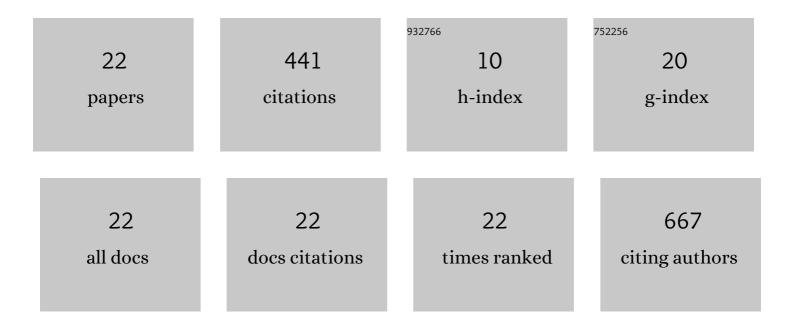
## Kate F Schilke

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Molecular origins of surfactant-mediated stabilization of protein drugs. Advanced Drug Delivery Reviews, 2011, 63, 1160-1171.	6.6	190
2	Binding interactions of bacterial lipopolysaccharide and the cationic amphiphilic peptides polymyxin B and WLBU2. Colloids and Surfaces B: Biointerfaces, 2014, 120, 81-87.	2.5	41
3	A novel enzymatic microreactor with <i>Aspergillus oryzae</i> βâ€galactosidase immobilized on silicon dioxide nanosprings. Biotechnology Progress, 2010, 26, 1597-1605.	1.3	36
4	Identifying the selectivity of antimicrobial peptides to cell membranes by sum frequency generation spectroscopy. Biointerphases, 2017, 12, 02D406.	0.6	31
5	Detection of nisin and fibrinogen adsorption on poly(ethylene oxide) coated polyurethane surfaces by time-of-flight secondary ion mass spectrometry (TOF-SIMS). Journal of Colloid and Interface Science, 2011, 358, 14-24.	5.0	24
6	Nisin adsorption to polyethylene oxide layers and its resistance to elution in the presence of fibrinogen. Journal of Colloid and Interface Science, 2010, 350, 194-199.	5.0	17
7	Activation of immobilized lipase in nonâ€aqueous systems by hydrophobic polyâ€ <scp>DL</scp> â€tryptophan tethers. Biotechnology and Bioengineering, 2008, 101, 9-18.	1.7	14
8	Synthesis and anticoagulant activity of heparin immobilized "endâ€on―to polystyrene microspheres coated with endâ€group activated polyethylene oxide. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2010, 94B, 187-195.	1.6	13
9	Quantifying nisin adsorption behavior at pendant PEO layers. Journal of Colloid and Interface Science, 2013, 395, 300-305.	5.0	13
10	Synthesis and evaluation of heparin immobilized "side-on―to polystyrene microspheres coated with end-group activated polyethylene oxide. International Journal of Biological Macromolecules, 2010, 47, 98-103.	3.6	12
11	Structural attributes affecting peptide entrapment in PEO brush layers. Colloids and Surfaces B: Biointerfaces, 2013, 106, 79-85.	2.5	10
12	Adsorption, structural alteration and elution of peptides at pendant PEO layers. Colloids and Surfaces B: Biointerfaces, 2013, 112, 23-29.	2.5	7
13	Activity Retention after Nisin Entrapment in a Polyethylene Oxide Brush Layer. Journal of Food Protection, 2014, 77, 1624-1629.	0.8	6
14	Blood protein repulsion after peptide entrapment in pendant polyethylene oxide layers. Biotechnology and Applied Biochemistry, 2014, 61, 371-375.	1.4	6
15	Enhanced capture of bacteria and endotoxin by antimicrobial WLBU2 peptide tethered on polyethylene oxide spacers. Biointerphases, 2017, 12, 05G603.	0.6	5
16	Preparation and evaluation of PEOâ€coated materials for a microchannel hemodialyzer. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 1014-1020.	1.6	4
17	Concentration effects on peptide elution from pendant PEO layers. Colloids and Surfaces B: Biointerfaces, 2014, 118, 210-217.	2.5	4
18	Direct imaging of the surface distribution of immobilized cleavable polyethylene oxideâ€polybutadieneâ€polyethylene oxide triblock surfactants by atomic force microscopy. Surface and Interface Analysis, 2013, 45, 859-864.	0.8	3

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#	Article	IF	CITATIONS
19	Sequential and competitive adsorption of peptides at pendant PEO layers. Colloids and Surfaces B: Biointerfaces, 2015, 130, 69-76.	2.5	3
20	Cleaning requirements for silicaâ€coated sensors used in optical waveguide lightmode spectroscopy. Surface and Interface Analysis, 2013, 45, 1805-1809.	0.8	2
21	Peptide Adsorption and Function at Pendant PEO Brush Layers. ACS Symposium Series, 2012, , 645-659.	0.5	Ο
22	Microfluidic photoreactor to treat neonatal jaundice. Biomicrofluidics, 2021, 15, 064104.	1.2	0