

# Amit K Dutta

## List of Publications by Year in descending order

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9  
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1163117  
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docs citations

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times ranked

587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved protein A resin for antibody capture in a continuous countercurrent tangential chromatography system. <i>Biotechnology and Bioengineering</i> , 2020, 117, 646-653.	3.3	14
2	Continuous countercurrent tangential chromatography for mixed mode post-capture operations in monoclonal antibody purification. <i>Journal of Chromatography A</i> , 2017, 1511, 37-44.	3.7	14
3	Performance optimization of continuous countercurrent tangential chromatography for antibody capture. <i>Biotechnology Progress</i> , 2016, 32, 430-439.	2.6	14
4	Purification of monoclonal antibodies from clarified cell culture fluid using Protein A capture continuous countercurrent tangential chromatography. <i>Journal of Biotechnology</i> , 2015, 213, 54-64.	3.8	37
5	Conformational Transitions of Adsorbed Proteins on Surfaces of Varying Polarity. <i>Langmuir</i> , 2010, 26, 10803-10811.	3.5	139
6	Interactions between polycationic and polyanionic layers: Changes in rigidity, charge and adsorption kinetics. <i>Sensors and Actuators B: Chemical</i> , 2009, 136, 60-65.	7.8	10
7	Viscoelastic properties of adsorbed and cross-linked polypeptide and protein layers at a solid-liquid interface. <i>Journal of Colloid and Interface Science</i> , 2008, 324, 55-60.	9.4	54
8	Reversibly Controlling the Rigidity of Adsorbed Polycations. <i>Macromolecules</i> , 2008, 41, 301-304.	4.8	12
9	Adsorbed Gels versus Brushes: Viscoelastic Differences. <i>Langmuir</i> , 2007, 23, 3088-3094.	3.5	70