

# Derrick J Swinton

## List of Publications by Year in descending order

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11  
papers

358  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Molecule Probing of Mixed-Mode Adsorption at a Chromatographic Interface. <i>Analytical Chemistry</i> , 1998, 70, 5264-5271.	6.5	86
2	Adsorption and Diffusion of Single Molecules at Chromatographic Interfaces. <i>Journal of Physical Chemistry B</i> , 2003, 107, 6258-6268.	2.6	70
3	Spectroscopic Observation of Adsorption to Active Silanols. <i>Analytical Chemistry</i> , 1999, 71, 3911-3917.	6.5	51
4	Immunodepletion Plasma Proteomics by TripleTOF 5600 and Orbitrap Elite/LTQ-Orbitrap Velos/Q Exactive Mass Spectrometers. <i>Journal of Proteome Research</i> , 2013, 12, 4351-4365.	3.7	43
5	Single-Molecule Study of an Adsorbed Oligonucleotide Undergoing Both Lateral Diffusion and Strong Adsorption. <i>Journal of Physical Chemistry B</i> , 2001, 105, 1472-1477.	2.6	33
6	Lateral Diffusion of 1,1'-Diocetyl-3,3,3'-tetramethylindocarbocyanine Perchlorate at the Interfaces of C18 and Chromatographic Solvents. <i>Analytical Chemistry</i> , 2000, 72, 3725-3730.	6.5	31
7	Analytic Solution to the Autocorrelation Function for Lateral Diffusion and Rare Strong Adsorption. <i>Applied Spectroscopy</i> , 2001, 55, 663-669.	2.2	28
8	Comparative Analysis of Au and Au@SiO <sub>2</sub> Nanoparticle-Protein Interactions for Evaluation as Platforms in Theranostic Applications. <i>ACS Omega</i> , 2020, 5, 6348-6357.	3.5	5
9	Single-Molecule Spectroscopy and Fluorescence Correlation Spectroscopy of the Lateral Transport of the T3 Promoter Primer at a Chemical Interface. <i>Applied Spectroscopy</i> , 2001, 55, 1013-1017.	2.2	4
10	Small-diameter artery decellularization: Effects of anionic detergent concentration and treatment duration on porcine internal thoracic arteries. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, , .	3.4	4
11	Single Molecule Study of the Lateral Transport of Four Homooligonucleotides at the Interface of Water and Chemically Modified Silica. <i>Journal of Physical Chemistry B</i> , 2001, 105, 8679-8684.	2.6	3