

# Gavin J Braithwaite

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5381721/publications.pdf>

Version: 2024-02-01

9  
papers

314  
citations

1162367  
8  
h-index

1588620  
8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

423  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions between Poly(ethylene oxide) Layers Adsorbed to Glass Surfaces Probed by Using a Modified Atomic Force Microscope. <i>Langmuir</i> , 1996, 12, 4224-4237.	1.6	103
2	The effect of polyethylene glycol on the stability of pores in polyvinyl alcohol hydrogels during annealing. <i>Biomaterials</i> , 2008, 29, 141-149.	5.7	76
3	Effect of molecular weight on the interactions between poly(ethylene oxide) layers adsorbed to glass surfaces. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 1409-1415.	1.7	35
4	The Simultaneous Determination of the Forces and Viscoelastic Properties of Adsorbed Polymer Layers. <i>Journal of Colloid and Interface Science</i> , 1999, 218, 97-111.	5.0	29
5	Study of a Solvated Adsorbed Gelatin Layer Using a Modified Force Microscope. <i>Journal of Colloid and Interface Science</i> , 1999, 213, 525-545.	5.0	19
6	Polymer Injection Therapy to Reverse Remodel the Papillary Muscles. <i>Circulation: Cardiovascular Interventions</i> , 2010, 3, 499-505.	1.4	16
7	Rheological and molecular weight comparisons of approved hyaluronic acid products " preliminary standards for establishing class III medical device equivalence. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 235-246.	1.9	15
8	Characterization of Physical, Chemical, and Mechanical Properties of UHMWPE. , 2016, , 531-552.		13
9	Quantifying the lubricity of mechanically tough polyvinyl alcohol hydrogels for cartilage repair. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2015, 229, 845-852.	1.0	8