

# Daniel J Frankel

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

682  
citations

840776

11  
h-index

580821

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1062  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembly of Adenine on Cu(110) Surfaces. <i>Langmuir</i> , 2002, 18, 3219-3225.	3.5	152
2	Chemisorption induced chirality: glycine on Cu. <i>Surface Science</i> , 2002, 497, 37-46.	1.9	131
3	Gelatin- and starch-based hydrogels. Part A: Hydrogel development, characterization and coating. <i>Carbohydrate Polymers</i> , 2016, 152, 129-139.	10.2	81
4	The naked truth: a comprehensive clarification and classification of current "myths" in naked mole-rat biology. <i>Biological Reviews</i> , 2022, 97, 115-140.	10.4	62
5	Organic Adsorbate Induced Surface Reconstruction: p-Aminobenzoic Acid on Cu{110}. <i>Langmuir</i> , 2001, 17, 8276-8280.	3.5	31
6	Nanoscale viscoelastic properties of an aligned collagen scaffold. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 257-263.	3.6	30
7	Hyaluronan in cancer "from the naked mole rat to nanoparticle therapy. <i>Soft Matter</i> , 2016, 12, 3841-3848.	2.7	30
8	The formation of enantiospecific phases on a Cu{110} surface. <i>PhysChemComm</i> , 1999, 2, 41.	0.8	20
9	The material properties of naked mole-rat hyaluronan. <i>Scientific Reports</i> , 2019, 9, 6632.	3.3	19
10	Formation of hydrogen-bridged cytosine dimers on Cu(110). <i>Journal of Chemical Physics</i> , 2006, 124, 204704.	3.0	16
11	Cholesterol-rich naked mole-rat brain lipid membranes are susceptible to amyloid beta-induced damage in vitro. <i>Aging</i> , 2020, 12, 22266-22290.	3.1	15
12	Role of the Three-Phase Boundary of the Platinum"Support Interface in Catalysis: A Model Catalyst Kinetic Study. <i>ACS Catalysis</i> , 2016, 6, 5865-5872.	11.2	14
13	Complete unfolding of fibronectin reveals surface interactions. <i>Soft Matter</i> , 2012, 8, 9933.	2.7	11
14	Revealing the selective interactions of fibronectin with lipid bilayers. <i>Soft Matter</i> , 2011, 7, 10666.	2.7	10
15	Characterising single fibronectin"integrin complexes. <i>Soft Matter</i> , 2012, 8, 6151.	2.7	8
16	The streptococcal multidomain fibrillar adhesin CshA has an elongated polymeric architecture. <i>Journal of Biological Chemistry</i> , 2020, 295, 6689-6699.	3.4	8
17	Linear dichroism electron scattering from chiral surfaces. <i>Chemical Physics Letters</i> , 2001, 349, 167-171.	2.6	7
18	Dehydrogenation induced phase transitions of p-aminobenzoic acid on Cu(110). <i>Journal of Chemical Physics</i> , 2002, 116, 460-470.	3.0	7

#	ARTICLE	IF	CITATIONS
19	Macroscopic 2D Networks Self-Assembled from Nanometer-Sized Protein/DNA Complexes. Nano Letters, 2006, 6, 365-370.	9.1	7
20	Probing interactions of the HIV protein GP120 with lipids and CD4 receptors. Soft Matter, 2013, 9, 2803.	2.7	5
21	Lipid directed assembly of the HIV capsid protein. Soft Matter, 2014, 10, 9562-9567.	2.7	5
22	In vitro assembly of a viral envelope. Soft Matter, 2015, 11, 7722-7727.	2.7	5
23	Creating a bio-hybrid signal transduction pathway: opening a new channel of communication between cells and machines. Bioinspiration and Biomimetics, 2012, 7, 046017.	2.9	3
24	Protein directed assembly of lipids. Chemical Communications, 2012, 48, 672-674.	4.1	3
25	Self assembly and pore formation of HIV GP160 revealed at molecular resolution. Soft Matter, 2013, 9, 283-290.	2.7	2
26	Adsorption of $\beta$ -pyridone on Cu(110). Journal of Chemical Physics, 2002, 116, 8988-8993.	3.0	0
27	Collagen Scaffolds and Their Application to Cardiology—the Importance of Matrix Interactions. , 2011, , 99-120.		0