

# Daniel M Cohen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6206443/publications.pdf>

Version: 2024-02-01

25  
papers

7,824  
citations

304743

22  
h-index

580821

25  
g-index

33  
all docs

33  
docs citations

33  
times ranked

12148  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of Stem Cell Fate by Physical Interactions with the Extracellular Matrix. <i>Cell Stem Cell</i> , 2009, 5, 17-26.	11.1	1,669
2	Rapid casting of patterned vascular networks for perfusable engineered three-dimensional tissues. <i>Nature Materials</i> , 2012, 11, 768-774.	27.5	1,661
3	Degradation-mediated cellular traction directs stem cell fate in covalently crosslinked three-dimensional hydrogels. <i>Nature Materials</i> , 2013, 12, 458-465.	27.5	982
4	Mechanical tugging force regulates the size of cell-cell junctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9944-9949.	7.1	633
5	Measurement of mechanical tractions exerted by cells in three-dimensional matrices. <i>Nature Methods</i> , 2010, 7, 969-971.	19.0	534
6	Structural basis for vinculin activation at sites of cell adhesion. <i>Nature</i> , 2004, 430, 583-586.	27.8	356
7	Fluid shear stress threshold regulates angiogenic sprouting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7968-7973.	7.1	329
8	Cytoskeleton-based forecasting of stem cell lineage fates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 610-615.	7.1	258
9	Bone Morphogenetic Protein-2-Induced Signaling and Osteogenesis Is Regulated by Cell Shape, RhoA/ROCK, and Cytoskeletal Tension. <i>Stem Cells and Development</i> , 2012, 21, 1176-1186.	2.1	211
10	IgG-cleaving endopeptidase enables in vivo gene therapy in the presence of anti-AAV neutralizing antibodies. <i>Nature Medicine</i> , 2020, 26, 1096-1101.	30.7	193
11	Spatial distribution and functional significance of activated vinculin in living cells. <i>Journal of Cell Biology</i> , 2005, 169, 459-470.	5.2	156
12	Two Distinct Head-Tail Interfaces Cooperate to Suppress Activation of Vinculin by Talin. <i>Journal of Biological Chemistry</i> , 2005, 280, 17109-17117.	3.4	149
13	A Conformational Switch in Vinculin Drives Formation and Dynamics of a Talin-Vinculin Complex at Focal Adhesions*. <i>Journal of Biological Chemistry</i> , 2006, 281, 16006-16015.	3.4	145
14	Buried Charged Surface in Proteins. <i>Structure</i> , 2000, 8, 1203-1214.	3.3	110
15	Tribbles-1 regulates hepatic lipogenesis through posttranscriptional regulation of C/EBP $\beta$ . <i>Journal of Clinical Investigation</i> , 2015, 125, 3809-3818.	8.2	84
16	Activation of beta 1 but not beta 3 integrin increases cell traction forces. <i>FEBS Letters</i> , 2013, 587, 763-769.	2.8	71
17	Control of Surface Chemistry, Substrate Stiffness, and Cell Function in a Novel Terpolymer Methacrylate Library. <i>Langmuir</i> , 2011, 27, 1891-1899.	3.5	46
18	ATF4 licenses C/EBP $\beta$ activity in human mesenchymal stem cells primed for adipogenesis. <i>ELife</i> , 2015, 4, e06821.	6.0	45

#	ARTICLE	IF	CITATIONS
19	miR-125b Is an Adhesion-Regulated microRNA that Protects Mesenchymal Stem Cells from Anoikis. <i>Stem Cells</i> , 2012, 30, 956-964.	3.2	42
20	Repressor transcription factor 7-like 1 promotes adipogenic competency in precursor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16271-16276.	7.1	38
21	Nuclear Receptor Function through Genomics: Lessons from the Glucocorticoid Receptor. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 531-540.	7.1	37
22	Acute slowing of cardiac conduction in response to myofibroblast coupling to cardiomyocytes through N-cadherin. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 68, 29-37.	1.9	35
23	Loss of chromosome arms 3p and 9p and inactivation of P16INK4a in normal epithelium of patients with primary lung cancer. <i>Genes Chromosomes and Cancer</i> , 2001, 32, 119-125.	2.8	18
24	Shared nucleotide flanks confer transcriptional competency to bZip core motifs. <i>Nucleic Acids Research</i> , 2018, 46, 8371-8384.	14.5	14
25	Measuring Cell-Cell Tugging Forces Using Bowtie-Patterned mPADs (Microarray Post Detectors). <i>Methods in Molecular Biology</i> , 2013, 1066, 157-168.	0.9	8