

# Douglas A Chapnick

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8768779/publications.pdf>

Version: 2024-02-01

19  
papers

838  
citations

759233

12  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1748  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of TGF $\beta$ 2/Smad signaling. <i>FEBS Letters</i> , 2012, 586, 1921-1928.	2.8	163
2	A Reversible and Repeatable Thiol-Ene Bioconjugation for Dynamic Patterning of Signaling Proteins in Hydrogels. <i>ACS Central Science</i> , 2018, 4, 909-916.	11.3	122
3	Quantitative analysis of transient and sustained transforming growth factor $\beta$ 2 signaling dynamics. <i>Molecular Systems Biology</i> , 2011, 7, 492.	7.2	91
4	Partners in crime: the TGF $\beta$ 2 and MAPK pathways in cancer progression. <i>Cell and Bioscience</i> , 2011, 1, 42.	4.8	80
5	Sorafenib targets the mitochondrial electron transport chain complexes and ATP synthase to activate the PINK1-Parkin pathway and modulate cellular drug response. <i>Journal of Biological Chemistry</i> , 2017, 292, 15105-15120.	3.4	70
6	Leader cell positioning drives wound-directed collective migration in TGF $\beta$ 2-stimulated epithelial sheets. <i>Molecular Biology of the Cell</i> , 2014, 25, 1586-1593.	2.1	62
7	Modeling keratinocyte wound healing dynamics: Cell-cell adhesion promotes sustained collective migration. <i>Journal of Theoretical Biology</i> , 2016, 400, 103-117.	1.7	54
8	Genome-wide analysis of Musashi-2 targets reveals novel functions in governing epithelial cell migration. <i>Nucleic Acids Research</i> , 2016, 44, 3788-3800.	14.5	48
9	Identification and Mechanistic Studies of a Novel Ubiquitin E1 Inhibitor. <i>Journal of Biomolecular Screening</i> , 2012, 17, 421-434.	2.6	42
10	Allosteric Site Variants of Haemophilus influenzae $\beta$ -Carbonic Anhydrase. <i>Biochemistry</i> , 2009, 48, 6146-6156.	2.5	23
11	The plant triterpenoid celastrol blocks PINK1-dependent mitophagy by disrupting PINK1's association with the mitochondrial protein TOM20. <i>Journal of Biological Chemistry</i> , 2019, 294, 7472-7487.	3.4	20
12	A biosensor for the activity of the sheddase TACE (ADAM17) reveals novel and cell type-specific mechanisms of TACE activation. <i>Science Signaling</i> , 2015, 8, rs1.	3.6	18
13	The Development of a Novel High Throughput Computational Tool for Studying Individual and Collective Cellular Migration. <i>PLoS ONE</i> , 2013, 8, e82444.	2.5	10
14	Multiomic Analysis Reveals Disruption of Cholesterol Homeostasis by Cannabidiol in Human Cell Lines. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100262.	3.8	8
15	Suppression of $\beta$ -catenin and adherens junctions enhances epithelial cell proliferation and motility via TACE-mediated TGF $\beta$ 2 autocrine/paracrine signaling. <i>Molecular Biology of the Cell</i> , 2021, 32, 348-361.	2.1	7
16	Enzymes Photo-Cross-Linked to Live Cell Receptors Retain Activity and EGFR Inhibition after Both Internalization and Recycling. <i>Bioconjugate Chemistry</i> , 2020, 31, 104-112.	3.6	6
17	Analysis of Ligand-Dependent Nuclear Accumulation of Smads in TGF $\beta$ 2 Signaling. <i>Methods in Molecular Biology</i> , 2010, 647, 95-111.	0.9	4
18	Temporal Metabolite, Ion, and Enzyme Activity Profiling Using Fluorescence Microscopy and Genetically Encoded Biosensors. <i>Methods in Molecular Biology</i> , 2019, 1978, 343-353.	0.9	3

#	ARTICLE	IF	CITATIONS
19	Effect of Covalent Photoconjugation of Affibodies to Epidermal Growth Factor Receptor (EGFR) on Cellular Quiescence. <i>Biotechnology and Bioengineering</i> , 2022, 119, 187-198.	3.3	1