

Jonathon A Ditlev

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,544
citations

516710

16
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

2858
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase separation of signaling molecules promotes T cell receptor signal transduction. <i>Science</i> , 2016, 352, 595-599.	12.6	941
2	Stoichiometry controls activity of phase-separated clusters of actin signaling proteins. <i>Science</i> , 2019, 363, 1093-1097.	12.6	360
3	Who's In and Who's Out? Compositional Control of Biomolecular Condensates. <i>Journal of Molecular Biology</i> , 2018, 430, 4666-4684.	4.2	255
4	A Molecular Classification of Papillary Renal Cell Carcinoma. <i>Cancer Research</i> , 2005, 65, 5628-5637.	0.9	226
5	Regulation of Transmembrane Signaling by Phase Separation. <i>Annual Review of Biophysics</i> , 2019, 48, 465-494.	10.0	213
6	A composition-dependent molecular clutch between T cell signaling condensates and actin. <i>ELife</i> , 2019, 8, .	6.0	86
7	Stoichiometry of Nck-dependent actin polymerization in living cells. <i>Journal of Cell Biology</i> , 2012, 197, 643-658.	5.2	70
8	Dynamain regulates the dynamics and mechanical strength of the actin cytoskeleton as a multifilament actin-bundling protein. <i>Nature Cell Biology</i> , 2020, 22, 674-688.	10.3	70
9	An Open Model of Actin Dendritic Nucleation. <i>Biophysical Journal</i> , 2009, 96, 3529-3542.	0.5	53
10	The role of sigma 1 receptor in organization of endoplasmic reticulum signaling microdomains. <i>ELife</i> , 2021, 10, .	6.0	40
11	Gene Expression Profiling of Renal Cell Carcinoma: Fig. 1.. <i>Clinical Cancer Research</i> , 2004, 10, 6315S-6321S.	7.0	39
12	Membrane-associated phase separation: organization and function emerge from a two-dimensional milieu. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 319-324.	3.3	37
13	Biomolecular condensates in membrane receptor signaling. <i>Current Opinion in Cell Biology</i> , 2021, 69, 48-54.	5.4	33
14	Allosteric Modulation of Grb2 Recruitment to the Intrinsically Disordered Scaffold Protein, LAT, by Remote Site Phosphorylation. <i>Journal of the American Chemical Society</i> , 2017, 139, 18009-18015.	13.7	27
15	There is More Than One Way to Model an Elephant. <i>Experiment-Driven Modeling of the Actin Cytoskeleton</i> . <i>Biophysical Journal</i> , 2013, 104, 520-532.	0.5	24
16	Reconstitution of TCR Signaling Using Supported Lipid Bilayers. <i>Methods in Molecular Biology</i> , 2017, 1584, 65-76.	0.9	24
17	What are the distinguishing features and size requirements of biomolecular condensates and their implications for RNA-containing condensates?. <i>Rna</i> , 2022, 28, 36-47.	3.5	23
18	Interactions of testosterone and all-trans retinoic acid in regulation of androgen receptor expression in rat lacrimal gland. <i>Experimental Eye Research</i> , 2003, 77, 741-748.	2.6	12

#	ARTICLE	IF	CITATIONS
19	Microarray gene expression profiling using core biopsies of renal neoplasia. American Journal of Translational Research (discontinued), 2009, 1, 55-61.	0.0	9
20	Voices of the new generation: establishing yourself as a PI in a competitive field. Nature Reviews Molecular Cell Biology, 2021, 22, 710-710.	37.0	0