

Hyun O Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7229928/publications.pdf>

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13
papers

8,543
citations

687363

13
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

8416
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomolecular condensates: organizers of cellular biochemistry. Nature Reviews Molecular Cell Biology, 2017, 18, 285-298.	37.0	3,771
2	A Liquid-to-Solid Phase Transition of the ALS Protein FUS Accelerated by Disease Mutation. Cell, 2015, 162, 1066-1077.	28.9	2,182
3	A Molecular Grammar Governing the Driving Forces for Phase Separation of Prion-like RNA Binding Proteins. Cell, 2018, 174, 688-699.e16.	28.9	1,372
4	An aberrant phase transition of stress granules triggered by misfolded protein and prevented by chaperone function. EMBO Journal, 2017, 36, 1669-1687.	7.8	370
5	A Surveillance Function of the HSPB8-BAG3-HSP70 Chaperone Complex Ensures Stress Granule Integrity and Dynamism. Molecular Cell, 2016, 63, 796-810.	9.7	244
6	DNA repair by Rad52 liquid droplets. Nature Communications, 2020, 11, 695.	12.8	103
7	Isogenic FUS-eGFP iPSC Reporter Lines Enable Quantification of FUS Stress Granule Pathology that Is Rescued by Drugs Inducing Autophagy. Stem Cell Reports, 2018, 10, 375-389.	4.8	95
8	Interkinetic Nuclear Migration Is Centrosome Independent and Ensures Apical Cell Division to Maintain Tissue Integrity. Developmental Cell, 2015, 32, 203-219.	7.0	92
9	Mechanisms controlling arrangements and movements of nuclei in pseudostratified epithelia. Trends in Cell Biology, 2013, 23, 141-150.	7.9	78
10	Biomolecular condensates in neurodegeneration and cancer. Traffic, 2019, 20, 890-911.	2.7	72
11	O-Linked-N-Acetylglucosamylation of the RNA-Binding Protein EWS N-Terminal Low Complexity Region Reduces Phase Separation and Enhances Condensate Dynamics. Journal of the American Chemical Society, 2021, 143, 11520-11534.	13.7	26
12	What are the distinguishing features and size requirements of biomolecular condensates and their implications for RNA-containing condensates?. Rna, 2022, 28, 36-47.	3.5	23
13	Concepts No Membrane, No Problem: Cellular Organization by Biomolecular Condensates. , 2021, , 113-133.		0