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Nuclear Pores Assemble from Nucleoporin Condensates During Oogenesis

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#	Paper	IF	Citations
61	Condensing nuclear pore assembly in oocytes. <i>Nature Reviews Molecular Cell Biology</i> , 2019 , 20, 717	48.7	
60	Adapter Proteins for Opposing Motors Interact Simultaneously with Nuclear Pore Protein Nup358. <i>Biochemistry</i> , 2019 , 58, 5085-5097	3.2	6
59	Phase Separation in Membrane Biology: The Interplay between Membrane-Bound Organelles and Membraneless Condensates. <i>Developmental Cell</i> , 2020 , 55, 30-44	10.2	65
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56	Biomolecular condensates in cell biology and virology: Phase-separated membraneless organelles (MLOs). <i>Analytical Biochemistry</i> , 2020 , 597, 113691	3.1	24
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54	Nucleoporin Condensates Drive Nuclear Pore Complex Assembly in Oocytes. <i>Trends in Biochemical Sciences</i> , 2020 , 45, 278-280	10.3	3
53	Revisiting gene delivery to the brain: silencing and editing. <i>Biomaterials Science</i> , 2021 , 9, 1065-1087	7.4	5
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49	Cone-shaped HIV-1 capsids are transported through intact nuclear pores. <i>Cell</i> , 2021 , 184, 1032-1046.e1856.2	15.2	61
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45	Acute necrotizing encephalopathy-linked mutations in Nup358 impair interaction of Nup358 with TNRC6/GW182 and miRNA function. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 559, 230-237	3.4	2

44	High-precision targeting workflow for volume electron microscopy. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	9
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37	Structure, Maintenance, and Regulation of Nuclear Pore Complexes: The Gatekeepers of the Eukaryotic Genome. <i>Cold Spring Harbor Perspectives in Biology</i> , 2021 ,	10.2	3
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35	Quantitative analysis of nuclear pore complex organization in <i>Schizosaccharomyces pombe</i> .		
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16	Cotranslational Mechanisms of Protein Biogenesis and Complex Assembly in Eukaryotes.. <i>Annual Review of Biomedical Data Science</i> , 2022 ,	5.6	0
15	Workshop on RanBP2/Nup358 and acute necrotizing encephalopathy.. <i>Nucleus</i> , 2022 , 13, 154-169	3.9	0
14	The Nuclear Pore Complex: Birth, Life, and Death of a Cellular Behemoth.. <i>Cells</i> , 2022 , 11,	7.9	4
13	Architecture of the cytoplasmic face of the nuclear pore. <i>Science</i> , 2022 , 376,	33.3	3
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- 7 Acute depletion of human core nucleoporin reveals direct roles in transcription control but dispensability for 3D genome organization. **2022**, 41, 111576 0
- 6 Co-translational binding of importins to nascent proteins. 0
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- 2 Nucleoporin Nsp1 surveils the phase state of FG-Nups. 0
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