

# Angelika A Noegel

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

10,903  
citations

186265

28  
h-index

106344

65  
g-index

66  
all docs

66  
docs citations

66  
times ranked

22612  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | De novo variants of CSNK2B cause a new intellectual disability-craniodigital syndrome by disrupting the canonical Wnt signaling pathway. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100111.                 | 1.7 | 7         |
| 2  | Monoallelic and biallelic variants in LEF1 are associated with a new syndrome combining ectodermal dysplasia and limb malformations caused by altered WNT signaling. <i>Genetics in Medicine</i> , 2022, 24, 1708-1721. | 2.4 | 4         |
| 3  | Abundantly expressed class of noncoding RNAs conserved through the multicellular evolution of dictyostelid social amoebae. <i>Genome Research</i> , 2021, 31, 436-447.  | 5.5 | 5         |
| 4  | A 24â€­generationâ€­old founder mutation impairs splicing of <i>RBBP8</i> in Pakistani families affected with Jawad syndrome. <i>Clinical Genetics</i> , 2021, 100, 486-488.  | 2.0 | 1         |
| 5  | Biallelic variants in PCDHGC4 cause a novel neurodevelopmental syndrome with progressive microcephaly, seizures, and joint anomalies. <i>Genetics in Medicine</i> , 2021, 23, 2138-2149.                                | 2.4 | 11        |
| 6  | Biallelic SYNE2 Missense Mutations Leading to Nesprin-2 Giant Hypo-Expression Are Associated with Intellectual Disability and Autism. <i>Genes</i> , 2021, 12, 1294.  | 2.4 | 6         |
| 7  | Nesprin-1 impact on tumorigenic cell phenotypes. <i>Molecular Biology Reports</i> , 2020, 47, 921-934.  | 2.3 | 14        |
| 8  | CRN2 binds to TIMP4 and MMP14 and promotes perivascular invasion of glioblastoma cells. <i>European Journal of Cell Biology</i> , 2019, 98, 151046.   | 3.6 | 9         |
| 9  | Depletion of Nesprin-2 is associated with an embryonic lethal phenotype in mice. <i>Nucleus</i> , 2018, 9, 503-515.   | 2.2 | 10        |
| 10 | Functional analyses of Pericentrin and Syne-2/Nesprin-2 interaction in ciliogenesis. <i>Journal of Cell Science</i> , 2018, 131, .  | 2.0 | 7         |
| 11 | Coronin 1C promotes triple-negative breast cancer invasiveness through regulation of MT1-MMP traffic and invadopodia function. <i>Oncogene</i> , 2018, 37, 6425-6441.   | 5.9 | 36        |
| 12 | The regulatory subunit phr2AB of <i>Dictyostelium discoideum</i> phosphatase PP2A interacts with the centrosomal protein CEP161, a CDK5RAP2 ortholog. <i>Genes To Cells</i> , 2018, 23, 923-931.                        | 1.2 | 1         |
| 13 | Functional Analysis of LINC Complexes in the Skin. <i>Methods in Molecular Biology</i> , 2018, 1840, 295-306.   | 0.9 | 2         |
| 14 | A Tripeptidyl peptidase 1 is a binding partner of GPHR (Golgi pH regulator) in <i>Dictyostelium</i> . <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 897-907.   | 2.4 | 22        |
| 15 | CDK5RAP2 interaction with components of the Hippo signaling pathway may play a role in primary microcephaly. <i>Molecular Genetics and Genomics</i> , 2017, 292, 365-383.   | 2.1 | 18        |
| 16 | The function of the inner nuclear envelope protein SUN1 in mRNA export is regulated by phosphorylation. <i>Scientific Reports</i> , 2017, 7, 9157.  | 3.3 | 10        |
| 17 | Nesprin-2 Interacts with Condensin Component SMC2. <i>International Journal of Cell Biology</i> , 2017, 2017, 1-15.   | 2.5 | 1         |
| 18 | A set of genes conserved in sequence and expression traces back the establishment of multicellularity in social amoebae. <i>BMC Genomics</i> , 2016, 17, 871.   | 2.8 | 13        |

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|----|--|------|-----------|
| 19 | Neuronal Actin Dynamics, Spine Density and Neuronal Dendritic Complexity Are Regulated by CAP2. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 180.   | 3.7  | 21        |
| 20 | Novel Coronin7 interactions with Cdc42 and N-WASP regulate actin organization and Golgi morphology. <i>Scientific Reports</i> , 2016, 6, 25411.  | 3.3  | 22        |
| 21 | Coronin 1C-free primary mouse fibroblasts exhibit robust rearrangements in the orientation of actin filaments, microtubules and intermediate filaments. <i>European Journal of Cell Biology</i> , 2016, 95, 239-251. | 3.6  | 11        |
| 22 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.  | 9.1  | 4,701     |
| 23 | The <i>Physarum polycephalum</i> Genome Reveals Extensive Use of Prokaryotic Two-Component and Metazoan-Type Tyrosine Kinase Signaling. <i>Genome Biology and Evolution</i> , 2016, 8, 109-125.                      | 2.5  | 87        |
| 24 | The C-Terminal SynMuv/DdDUF926 Domain Regulates the Function of the N-Terminal Domain of DdNKAP. <i>PLoS ONE</i> , 2016, 11, e0168617.   | 2.5  | 3         |
| 25 | Coronin7 regulates WASP and SCAR through CRIB mediated interaction with Rac proteins. <i>Scientific Reports</i> , 2015, 5, 14437.  | 3.3  | 9         |
| 26 | Balanced cortical stiffness is important for efficient migration of Dictyostelium cells in confined environments. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 730-735.                   | 2.1  | 7         |
| 27 | Nesprin-2 mediated nuclear trafficking and its clinical implications. <i>Nucleus</i> , 2015, 6, 479-489.   | 2.2  | 11        |
| 28 | A resilient formin-derived cortical actin meshwork in the rear drives actomyosin-based motility in 2D confinement. <i>Nature Communications</i> , 2015, 6, 8496.   | 12.8 | 33        |
| 29 | The centrosomal component CEP161 of Dictyostelium discoideum interacts with the Hippo signaling pathway. <i>Cell Cycle</i> , 2015, 14, 1024-1035.  | 2.6  | 8         |
| 30 | The Dictyostelium discoideum GPHR Ortholog Is an Endoplasmic Reticulum and Golgi Protein with Roles during Development. <i>Eukaryotic Cell</i> , 2015, 14, 41-54.  | 3.4  | 8         |
| 31 | Inner nuclear envelope protein SUN1 plays a prominent role in mammalian mRNA export. <i>Nucleic Acids Research</i> , 2015, 43, gkv1058.  | 14.5 | 48        |
| 32 | CAP2 is a regulator of the actin cytoskeleton and its absence changes infiltration of inflammatory cells and contraction of wounds. <i>European Journal of Cell Biology</i> , 2015, 94, 32-45.                       | 3.6  | 21        |
| 33 | Nesprin-1 role in DNA damage response. <i>Nucleus</i> , 2014, 5, 173-191.  | 2.2  | 29        |
| 34 | The Dictyostelium discoideum RACK1 orthologue has roles in growth and development. <i>Cell Communication and Signaling</i> , 2014, 12, 37.   | 6.5  | 7         |
| 35 | A Cdc42- and Rac-interactive binding (CRIB) domain mediates functions of coronin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E25-33.                        | 7.1  | 27        |
| 36 | Annexin A7 deficiency potentiates cardiac NFAT activity promoting hypertrophic signaling. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 244-249.   | 2.1  | 14        |

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|----|--|-----|-----------|
| 37 | The Genome of the Foraminiferan <i>Reticulomyxa filosa</i> . <i>Current Biology</i> , 2014, 24, 11-18.   | 3.9 | 73        |
| 38 | CDK6 associates with the centrosome during mitosis and is mutated in a large Pakistani family with primary microcephaly. <i>Human Molecular Genetics</i> , 2013, 22, 5199-5214.              | 2.9 | 104       |
| 39 | Mutations in LMNA Modulate the Lamin A - Nesprin-2 Interaction and Cause LINC Complex Alterations. <i>PLoS ONE</i> , 2013, 8, e71850.  | 2.5 | 35        |
| 40 | The nuclear envelope protein Nesprin-2 has roles in cell proliferation and differentiation during wound healing. <i>Nucleus</i> , 2012, 3, 172-186.  | 2.2 | 52        |
| 41 | Cytoskeletal Interactions at the Nuclear Envelope Mediated by Nesprins. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-11.   | 2.5 | 30        |
| 42 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.   | 9.1 | 3,122     |
| 43 | Nesprin interchain associations control nuclear size. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 3493-3509.   | 5.4 | 88        |
| 44 | Molecular mechanisms of centrosome and cytoskeleton anchorage at the nuclear envelope. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 1593-1610.                                    | 5.4 | 74        |
| 45 | The role of nesprins as multifunctional organizers in the nucleus and the cytoskeleton. <i>Biochemical Society Transactions</i> , 2011, 39, 1725-1728.                                       | 3.4 | 10        |
| 46 | Phylogeny-wide analysis of social amoeba genomes highlights ancient origins for complex intercellular communication. <i>Genome Research</i> , 2011, 21, 1882-1891.                           | 5.5 | 145       |
| 47 | Nesprin-2 Interacts with $\beta$ -Catenin and Regulates Wnt Signaling at the Nuclear Envelope. <i>Journal of Biological Chemistry</i> , 2010, 285, 34932-34938.                              | 3.4 | 66        |
| 48 | A Coronin7 Homolog with Functions in Actin-driven Processes*. <i>Journal of Biological Chemistry</i> , 2010, 285, 9249-9261.   | 3.4 | 23        |
| 49 | CP250, a Novel Acidic Coiled Coil Protein of the Dictyostelium centrosome, Affects Growth, Chemotaxis, and the Nuclear Envelope. <i>Molecular Biology of the Cell</i> , 2009, 20, 4348-4361. | 2.1 | 21        |
| 50 | Nesprin-2 interacts with meckelin and mediates ciliogenesis via remodelling of the actin cytoskeleton. <i>Journal of Cell Science</i> , 2009, 122, 2716-2726.                                | 2.0 | 119       |
| 51 | <i>Dictyostelium</i> Sun <sup>1</sup> Connects the Centrosome to Chromatin and Ensures Genome Stability. <i>Traffic</i> , 2008, 9, 708-724.  | 2.7 | 99        |
| 52 | Nesprin-2 Giant (NUANCE) maintains nuclear envelope architecture and composition in skin. <i>Journal of Cell Science</i> , 2008, 121, 1887-1898.   | 2.0 | 139       |
| 53 | Nesprin-2 giant safeguards nuclear envelope architecture in LMNA S143F progeria cells. <i>Human Molecular Genetics</i> , 2007, 16, 2944-2959.  | 2.9 | 63        |
| 54 | Cyclase-Associated Protein is Essential for the Functioning of the Endo-Lysosomal System and Provides a Link to the Actin Cytoskeleton. <i>Traffic</i> , 2005, 6, 930-946.                   | 2.7 | 18        |

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|----|---|-----|-----------|
| 55 | The inner nuclear membrane protein Sun1 mediates the anchorage of Nesprin-2 to the nuclear envelope. <i>Journal of Cell Science</i> , 2005, 118, 3419-3430.   | 2.0 | 371       |
| 56 | Lamin A/C-dependent Localization of Nesprin-2, a Giant Scaffold at the Nuclear Envelope. <i>Molecular Biology of the Cell</i> , 2005, 16, 3411-3424.  | 2.1 | 151       |
| 57 | The Cyclase-associated Protein CAP as Regulator of Cell Polarity and cAMP Signaling in Dictyostelium. <i>Molecular Biology of the Cell</i> , 2004, 15, 934-945.   | 2.1 | 96        |
| 58 | Enaptin, a giant actin-binding protein, is an element of the nuclear membrane and the actin cytoskeleton. <i>Experimental Cell Research</i> , 2004, 295, 330-339.   | 2.6 | 176       |
| 59 | NMR structural characterization of the N-terminal domain of the adenylyl cyclase-associated protein (CAP) from <i>Dictyostelium discoideum</i> . , 2004, 29, 73.  |     | 1         |
| 60 | NUANCE, a giant protein connecting the nucleus and actin cytoskeleton. <i>Journal of Cell Science</i> , 2002, 115, 3207-3222.   | 2.0 | 246       |
| 61 | NUANCE, a giant protein connecting the nucleus and actin cytoskeleton. <i>Journal of Cell Science</i> , 2002, 115, 3207-22.   | 2.0 | 214       |
| 62 | Identification of a Suppressor of the Dictyostelium Profilin-minus Phenotype as a CD36/LIMP-II Homologue. <i>Journal of Cell Biology</i> , 1999, 145, 167-181.  | 5.2 | 43        |
| 63 | Molecular architecture of the rod domain of the Dictyostelium gelation factor (ABP120). <i>Journal of Molecular Biology</i> , 1999, 291, 1017-1023.   | 4.2 | 29        |
| 64 | Interaptin, an Actin-binding Protein of the $\beta$ -Actinin Superfamily in <i>Dictyostelium discoideum</i> , Is Developmentally and cAMP-regulated and Associates with Intracellular Membrane Compartments. <i>Journal of Cell Biology</i> , 1998, 142, 735-750. | 5.2 | 46        |
| 65 | Phosphorylation of threonine residues on cloned fragments of the Dictyostelium myosin heavy chain. <i>FEBS Letters</i> , 1988, 227, 71-75.  | 2.8 | 4         |