

# Mirjam M P Zegers

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,637  
citations

361413

20  
h-index

377865

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

3575  
citing authors

#	ARTICLE	IF	CITATIONS
1	Building epithelial architecture: insights from three-dimensional culture models. <i>Nature Reviews Molecular Cell Biology</i> , 2002, 3, 531-537.	37.0	554
2	Collective cell migration: guidance principles and hierarchies. <i>Trends in Cell Biology</i> , 2015, 25, 556-566.	7.9	340
3	Î²1-Integrin Orients Epithelial Polarity via Rac1 and Laminin. <i>Molecular Biology of the Cell</i> , 2005, 16, 433-445.	2.1	317
4	Epithelial polarity and tubulogenesis in vitro. <i>Trends in Cell Biology</i> , 2003, 13, 169-176.	7.9	230
5	Rho GTPases in collective cell migration. <i>Small GTPases</i> , 2014, 5, e983869.	1.6	142
6	Mechanisms and functional features of polarized membrane traffic in epithelial and hepatic cells. <i>Biochemical Journal</i> , 1998, 336, 257-269.	3.7	133
7	Involvement of RhoA, ROCK I and myosin II in inverted orientation of epithelial polarity. <i>EMBO Reports</i> , 2008, 9, 923-929.	4.5	106
8	Induced Expression of Rnd3 Is Associated with Transformation of Polarized Epithelial Cells by the Rafâ€“MEKâ€“Extracellular Signal-Regulated Kinase Pathway. <i>Molecular and Cellular Biology</i> , 2000, 20, 9364-9375.	2.3	96
9	Hepatocyte Growth Factor Switches Orientation of Polarity and Mode of Movement during Morphogenesis of Multicellular Epithelial Structures. <i>Molecular Biology of the Cell</i> , 2003, 14, 748-763.	2.1	93
10	P120 and E-cadherin: Double-edged swords in tumor metastasis. <i>Seminars in Cancer Biology</i> , 2020, 60, 107-120.	9.6	67
11	Pak1 and PIX regulate contact inhibition during epithelial wound healing. <i>EMBO Journal</i> , 2003, 22, 4155-4165.	7.8	66
12	Actin Filaments and Microtubules are Involved in Different Membrane Traffic Pathways That Transport Sphingolipids to the Apical Surface of Polarized HepG2 Cells. <i>Molecular Biology of the Cell</i> , 1998, 9, 1939-1949.	2.1	50
13	Morphological and Biochemical Analysis of Rac1 in Threeâ€“Dimensional Epithelial Cell Cultures. <i>Methods in Enzymology</i> , 2006, 406, 676-691.	1.0	49
14	Rho-directed forces in collective migration. <i>Nature Cell Biology</i> , 2014, 16, 208-210.	10.3	45
15	Distinct roles of cadherin-6 and E-cadherin in tubulogenesis and lumen formation. <i>Molecular Biology of the Cell</i> , 2011, 22, 2031-2041.	2.1	39
16	Roles and Regulation of Epithelial Splicing Regulatory Proteins 1 and 2 in Epithelialâ€“Mesenchymal Transition. <i>International Review of Cell and Molecular Biology</i> , 2016, 327, 163-194.	3.2	33
17	Making Heads or Tails of It: Cellâ€“Cell Adhesion in Cellular and Supracellular Polarity in Collective Migration. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a027854.	5.5	31
18	Polyisocyanide Hydrogels as a Tunable Platform for Mammary Gland Organoid Formation. <i>Advanced Science</i> , 2020, 7, 2001797.	11.2	31

#	ARTICLE	IF	CITATIONS
19	L1 Cell Adhesion Molecule in Cancer, a Systematic Review on Domain-Specific Functions. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4180.	4.1	28
20	Cadherins and Pak1 Control Contact Inhibition of Proliferation by Pak1- $\beta$ PIX-GIT Complex-Dependent Regulation of Cell-Matrix Signaling. <i>Molecular and Cellular Biology</i> , 2010, 30, 1971-1983.	2.3	25
21	3D in vitro cell culture models of tube formation. <i>Seminars in Cell and Developmental Biology</i> , 2014, 31, 132-140.	5.0	20
22	Roles of P21-Activated Kinases and Associated Proteins in Epithelial Wound Healing. <i>International Review of Cell and Molecular Biology</i> , 2008, 267, 253-298.	3.2	18
23	The Syntaxin 4 N Terminus Regulates Its Basolateral Targeting by Munc18c-dependent and -independent Mechanisms*. <i>Journal of Biological Chemistry</i> , 2011, 286, 10834-10846.	3.4	18
24	Pak1 regulates branching morphogenesis in 3D MDCK cell culture by a PIX and $\beta$ 1-integrin-dependent mechanism. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C21-C32.	4.6	16
25	Scrib regulates HGF-mediated epithelial morphogenesis and is stabilized by Sgt1-HSP90. <i>Journal of Cell Science</i> , 2012, 125, 4147-57.	2.0	15
26	Tunable Hybrid Matrices Drive Epithelial Morphogenesis and YAP Translocation. <i>Advanced Science</i> , 2021, 8, 2003380.	11.2	13
27	Differential expression of p120-catenin 1 and 3 isoforms in epithelial tissues. <i>Scientific Reports</i> , 2019, 9, 90.	3.3	12
28	P120 Catenin Isoforms Differentially Associate with Breast Cancer Invasion and Metastasis. <i>Cancers</i> , 2019, 11, 1459.	3.7	11
29	Just mix and patch. <i>Nature</i> , 2003, 422, 267-268.	27.8	9
30	Pak1 Regulates the Orientation of Apical Polarization and Lumen Formation by Distinct Pathways. <i>PLoS ONE</i> , 2012, 7, e41039.	2.5	9
31	Functional involvement of proteins, interacting with sphingolipids, in sphingolipid transport to the canalicular membrane in the human hepatocytic cell line, HepG2?. <i>Hepatology</i> , 1998, 27, 1089-1097.	7.3	8
32	Translating Membrane Tension into Cytoskeletal Action by FBP17. <i>Developmental Cell</i> , 2015, 33, 628-630.	7.0	6
33	Certainty-based marking in a formative assessment improves student course appreciation but not summative examination scores. <i>BMC Medical Education</i> , 2019, 19, 178.	2.4	6
34	Scrib regulates HGF-mediated epithelial morphogenesis and is stabilized by Sgt1-HSP90. <i>Development (Cambridge)</i> , 2012, 139, e1-e1.	2.5	1
35	Scrib regulates HGF-mediated epithelial morphogenesis and is stabilized by Sgt1-HSP90. <i>Development (Cambridge)</i> , 2012, 139, e1808-e1808.	2.5	0