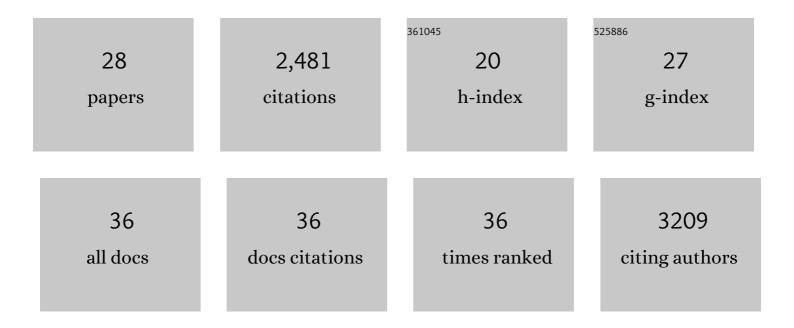
## Anika Steffen

List of Publications by Year in descending order

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ANIKA STEEFEN

#	Article	lF	CITATIONS
1	SMER28 Attenuates PI3K/mTOR Signaling by Direct Inhibition of PI3K p110 Delta. Cells, 2022, 11, 1648.	1.8	7
2	RhoG and Cdc42 can contribute to Rac-dependent lamellipodia formation through WAVE regulatory complex-binding. Small GTPases, 2021, 12, 122-132.	0.7	12
3	Crystal structure of bacterial cytotoxic necrotizing factor CNF <sub>Y</sub> reveals molecular building blocks for intoxication. EMBO Journal, 2021, 40, e105202.	3.5	14
4	Induced Arp2/3 Complex Depletion Increases FMNL2/3 Formin Expression and Filopodia Formation. Frontiers in Cell and Developmental Biology, 2021, 9, 634708.	1.8	32
5	Loss of Hem1 disrupts macrophage function and impacts migration, phagocytosis, and integrin-mediated adhesion. Current Biology, 2021, 31, 2051-2064.e8.	1.8	17
6	The Small GTPase Rac1 Increases Cell Surface Stiffness and Enhances 3D Migration Into Extracellular Matrices. Scientific Reports, 2019, 9, 7675.	1.6	55
7	Spatiotemporal control of FlgZ activity impacts <i>Pseudomonas aeruginosa</i> flagellar motility. Molecular Microbiology, 2019, 111, 1544-1557.	1.2	12
8	Imaging the Molecular Machines That Power Cell Migration. Methods in Molecular Biology, 2018, 1749, 257-277.	0.4	6
9	Distinct Interaction Sites of Rac GTPase with WAVE Regulatory Complex Have Non-redundant Functions inÂVivo. Current Biology, 2018, 28, 3674-3684.e6.	1.8	75
10	Visualization of translocons in Yersinia type III protein secretion machines during host cell infection. PLoS Pathogens, 2018, 14, e1007527.	2.1	29
11	Efficiency of lamellipodia protrusion is determined by the extent of cytosolic actin assembly. Molecular Biology of the Cell, 2017, 28, 1311-1325.	0.9	41
12	FMNL2 and -3 regulate Golgi architecture and anterograde transport downstream of Cdc42. Scientific Reports, 2017, 7, 9791.	1.6	33
13	Signalling Pathways Controlling Cellular Actin Organization. Handbook of Experimental Pharmacology, 2016, 235, 153-178.	0.9	17
14	The structure of FMNL2–Cdc42 yields insights into the mechanism of lamellipodia and filopodia formation. Nature Communications, 2015, 6, 7088.	5.8	63
15	Requirements for and consequences of Rac-dependent protrusion. European Journal of Cell Biology, 2014, 93, 184-193.	1.6	25
16	Inhibitory signalling to the Arp2/3 complex steers cell migration. Nature, 2013, 503, 281-284.	13.7	208
17	Cytotoxic Necrotizing Factor-Y Boosts Yersinia Effector Translocation by Activating Rac Protein. Journal of Biological Chemistry, 2013, 288, 23543-23553.	1.6	30
18	Arp2/3 complex is essential for actin network treadmilling as well as for targeting of capping protein and cofilin. Molecular Biology of the Cell, 2013, 24, 2861-2875.	0.9	68

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#	Article	IF	CITATIONS
19	Rac function is critical for cell migration but not required for spreading and focal adhesion formation. Journal of Cell Science, 2013, 126, 4572-88.	1.2	139
20	Molecular dissection of <i>Salmonella</i> -induced membrane ruffling versus invasion. Cellular Microbiology, 2010, 12, 84-98.	1.1	52
21	MT1-MMP-Dependent Invasion Is Regulated by TI-VAMP/VAMP7. Current Biology, 2008, 18, 926-931.	1.8	186
22	Cdc42 and Phosphoinositide 3-Kinase Drive Rac-Mediated Actin Polymerization Downstream of c-Met in Distinct and Common Pathways. Molecular and Cellular Biology, 2007, 27, 6615-6628.	1.1	47
23	Regulation of cell shape by Cdc42 is mediated by the synergic actin-bundling activity of the Eps8–IRSp53 complex. Nature Cell Biology, 2006, 8, 1337-1347.	4.6	230
24	Filopodia Formation in the Absence of Functional WAVE- and Arp2/3-Complexes. Molecular Biology of the Cell, 2006, 17, 2581-2591.	0.9	212
25	Abi1 is essential for the formation and activation of a WAVE2 signalling complex. Nature Cell Biology, 2004, 6, 319-327.	4.6	364
26	Sra-1 and Nap1 link Rac to actin assembly driving lamellipodia formation. EMBO Journal, 2004, 23, 749-759.	3.5	359
27	Phosphatidylinositol 4,5-Biphosphate (PIP2)-induced Vesicle Movement Depends on N-WASP and Involves Nck, WIP, and Grb2. Journal of Biological Chemistry, 2002, 277, 37771-37776.	1.6	133
28	Distinct Interaction Sites of Rac GTPase with WAVE Regulatory Complex Have Nonnredundant Functions in Vivo. SSRN Electronic Journal, 0, , .	0.4	3