

# Antje Schaefer

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

795  
citations

623574

14  
h-index

794469

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-stiffness-induced mechanosignaling â€“ a key driver of leukocyte transendothelial migration. <i>Journal of Cell Science</i> , 2015, 128, 2221-2230.	1.2	92
2	Gain-of-Function <i>RHOA</i> Mutations Promote Focal Adhesion Kinase Activation and Dependency in Diffuse Gastric Cancer. <i>Cancer Discovery</i> , 2020, 10, 288-305.	7.7	91
3	Actin-binding proteins differentially regulate endothelial cell stiffness, ICAM-1 function and neutrophil transmigration. <i>Journal of Cell Science</i> , 2014, 127, 4470-82.	1.2	89
4	A local VE-cadherin/Trio-based signaling complex stabilizes endothelial junctions through Rac1. <i>Journal of Cell Science</i> , 2015, 128, 3041-54.	1.2	82
5	Toward understanding RhoGTPase specificity: structure, function and local activation. <i>Small GTPases</i> , 2014, 5, e968004.	0.7	79
6	Low-Dose Vertical Inhibition of the RAF-MEK-ERK Cascade Causes Apoptotic Death of KRAS Mutant Cancers. <i>Cell Reports</i> , 2020, 31, 107764.	2.9	69
7	Rho proteins of plants â€“ Functional cycle and regulation of cytoskeletal dynamics. <i>European Journal of Cell Biology</i> , 2011, 90, 934-943.	1.6	51
8	Ubiquitin links to cytoskeletal dynamics, cell adhesion and migration. <i>Biochemical Journal</i> , 2012, 442, 13-25.	1.7	46
9	Inflammation-Sensitive Myosin-X Functionally Supports Leukocyte Extravasation by Cdc42-Mediated ICAM-1â€“Rich Endothelial Filopodia Formation. <i>Journal of Immunology</i> , 2018, 200, 1790-1801.	0.4	28
10	RAS and RHO family GTPase mutations in cancer: twin sons of different mothers?. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2020, 55, 386-407.	2.3	27
11	The Human Minor Histocompatibility Antigen1 Is a RhoGAP. <i>PLoS ONE</i> , 2013, 8, e73962.	1.1	27
12	Aberrant Expression and Subcellular Localization of ECT2 Drives Colorectal Cancer Progression and Growth. <i>Cancer Research</i> , 2022, 82, 90-104.	0.4	19
13	The unique plant RhoGAPs are dimeric and contain a CRIB motif required for affinity and specificity towards cognate small G proteins. <i>Biopolymers</i> , 2011, 95, 420-433.	1.2	18
14	Dimeric Plant RhoGAPs Are Regulated by Its CRIB Effector Motif to Stimulate a Sequential GTP Hydrolysis. <i>Journal of Molecular Biology</i> , 2011, 411, 808-822.	2.0	17
15	Endothelial CD2AP Binds the Receptor ICAM-1 To Control Mechanosignaling, Leukocyte Adhesion, and the Route of Leukocyte Diapedesis In Vitro. <i>Journal of Immunology</i> , 2017, 198, 4823-4836.	0.4	16
16	Targeting p130Cas- and microtubule-dependent MYC regulation sensitizes pancreatic cancer to ERK MAPK inhibition. <i>Cell Reports</i> , 2021, 35, 109291.	2.9	15
17	RHOA takes the RHOad less traveled to cancer. <i>Trends in Cancer</i> , 2022, 8, 655-669.	3.8	11
18	The molecular basis for immune dysregulation by the hyperactivated E62K mutant of the GTPase RAC2. <i>Journal of Biological Chemistry</i> , 2020, 295, 12130-12142.	1.6	9

#	ARTICLE	IF	CITATIONS
19	Concurrent Inhibition of ERK and Farnesyltransferase Suppresses the Growth of HRAS Mutant Head and Neck Squamous Cell Carcinoma. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 762-774.	1.9	9
20	A local VE-cadherin and Trio-based signaling complex stabilizes endothelial junctions through Rac1. <i>Development (Cambridge)</i> , 2015, 142, e1.2-e1.2.	1.2	0