

# Sara Sigismund

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

6,065  
citations

236612

25  
h-index

315357

38  
g-index

41  
all docs

41  
docs citations

41  
times ranked

8657  
citing authors

#	ARTICLE	IF	CITATIONS
1	PillarX: A Microfluidic Device to Profile Circulating Tumor Cell Clusters Based on Geometry, Deformability, and Epithelial State. <i>Small</i> , 2022, 18, e2106097.	5.2	17
2	Biophysics of endocytic vesicle formation: A focus on liquid-liquid phase separation. <i>Current Opinion in Cell Biology</i> , 2022, 75, 102068.	2.6	8
3	Unconventional endocytosis and trafficking of transferrin receptor induced by iron. <i>Molecular Biology of the Cell</i> , 2021, 32, 98-108.	0.9	18
4	Specialised endocytic proteins regulate diverse internalisation mechanisms and signalling outputs in physiology and cancer. <i>Biology of the Cell</i> , 2021, 113, 165-182.	0.7	6
5	Endocytosis in the context-dependent regulation of individual and collective cell properties. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 625-643.	16.1	59
6	A self-sustaining endocytic-based loop promotes breast cancer plasticity leading to aggressiveness and pro-metastatic behavior. <i>Nature Communications</i> , 2020, 11, 3020.	5.8	17
7	The crosstalk between microtubules, actin and membranes shapes cell division. <i>Open Biology</i> , 2020, 10, 190314.	1.5	29
8	Unjamming overcomes kinetic and proliferation arrest in terminally differentiated cells and promotes collective motility of carcinoma. <i>Nature Materials</i> , 2019, 18, 1252-1263.	13.3	117
9	Molecularly Distinct Clathrin-Coated Pits Differentially Impact EGFR Fate and Signaling. <i>Cell Reports</i> , 2019, 27, 3049-3061.e6.	2.9	58
10	Redundant and nonredundant organismal functions of EPS15 and EPS15L1. <i>Life Science Alliance</i> , 2019, 2, e201800273.	1.3	10
11	The "endocytic matrix reloaded"™ and its impact on the plasticity of migratory strategies. <i>Current Opinion in Cell Biology</i> , 2018, 54, 9-17.	2.6	13
12	Emerging functions of the <sc>EGFR</sc> in cancer. <i>Molecular Oncology</i> , 2018, 12, 3-20.	2.1	927
13	A NUMB-FA6-ARF6 recycling route controls apically restricted cell protrusions and mesenchymal motility. <i>Journal of Cell Biology</i> , 2018, 217, 3161-3182.	2.3	18
14	EGFR Trafficking in Physiology and Cancer. <i>Progress in Molecular and Subcellular Biology</i> , 2018, 57, 235-272.	0.9	58
15	Reticulon 3-dependent ER-PM contact sites control EGFR nonclathrin endocytosis. <i>Science</i> , 2017, 356, 617-624.	6.0	118
16	Mitotic Spindle Assembly and Genomic Stability in Breast Cancer Require PI3K-C2± Scaffolding Function. <i>Cancer Cell</i> , 2017, 32, 444-459.e7.	7.7	69
17	Methods to Investigate EGFR Ubiquitination. <i>Methods in Molecular Biology</i> , 2017, 1652, 81-100.	0.4	5
18	The EGFR-specific antibody cetuximab combined with chemotherapy triggers immunogenic cell death. <i>Nature Medicine</i> , 2016, 22, 624-631.	15.2	214

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19	Strategies to Detect Endogenous Ubiquitination of a Target Mammalian Protein. <i>Methods in Molecular Biology</i> , 2016, 1449, 143-151.	0.4	4
20	Spatial resolution of cAMP signaling by soluble adenylyl cyclase. <i>Journal of Cell Biology</i> , 2016, 214, 125-127.	2.3	8
21	Endocytic control of signaling at the plasma membrane. <i>Current Opinion in Cell Biology</i> , 2016, 39, 21-27.	2.6	73
22	USP9X Controls EGFR Fate by Deubiquitinating the Endocytic Adaptor Eps15. <i>Current Biology</i> , 2016, 26, 173-183.	1.8	71
23	Quantitative analysis reveals how EGFR activation and downregulation are coupled in normal but not in cancer cells. <i>Nature Communications</i> , 2015, 6, 7999.	5.8	66
24	Keeping EGFR signaling in check. <i>Cell Cycle</i> , 2014, 13, 681-682.	1.3	13
25	The Rab-interacting lysosomal protein (RILP) regulates vacuolar ATPase acting on the V1G1 subunit. <i>Journal of Cell Science</i> , 2014, 127, 2697-708.	1.2	59
26	Threshold-controlled ubiquitination of the EGFR directs receptor fate. <i>EMBO Journal</i> , 2013, 32, 2140-2157.	3.5	156
27	The GTPase-Activating Protein RN-tre Controls Focal Adhesion Turnover and Cell Migration. <i>Current Biology</i> , 2013, 23, 2355-2364.	1.8	42
28	Endocytosis in the Spatial Control of Polarised Cell Functions. , 2013, , 75-94.		0
29	Identification of Common and Distinctive Mechanisms of Resistance to Different Anti-IGF-IR Agents in Ewing's Sarcoma. <i>Molecular Endocrinology</i> , 2012, 26, 1603-1616.	3.7	53
30	Phosphorylation of VE-cadherin is modulated by haemodynamic forces and contributes to the regulation of vascular permeability in vivo. <i>Nature Communications</i> , 2012, 3, 1208.	5.8	387
31	Endocytosis and Signaling: Cell Logistics Shape the Eukaryotic Cell Plan. <i>Physiological Reviews</i> , 2012, 92, 273-366.	13.1	278
32	Ligand-induced EGF Receptor Oligomerization Is Kinase-dependent and Enhances Internalization. <i>Journal of Biological Chemistry</i> , 2010, 285, 39481-39489.	1.6	98
33	Ubiquitin in trafficking: The network at work. <i>Experimental Cell Research</i> , 2009, 315, 1610-1618.	1.2	176
34	Clathrin-Mediated Internalization Is Essential for Sustained EGFR Signaling but Dispensable for Degradation. <i>Developmental Cell</i> , 2008, 15, 209-219.	3.1	557
35	Sorting of Fas ligand to secretory lysosomes is regulated by mono-ubiquitylation and phosphorylation. <i>Journal of Cell Science</i> , 2007, 120, 191-199.	1.2	118
36	The ubiquitination code: a signalling problem. <i>Cell Division</i> , 2007, 2, 11.	1.1	105

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37	Clathrin-independent endocytosis of ubiquitinated cargos. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2760-2765.	3.3	719
38	Multiple monoubiquitination of RTKs is sufficient for their endocytosis and degradation. Nature Cell Biology, 2003, 5, 461-466.	4.6	715
39	A single motif responsible for ubiquitin recognition and monoubiquitination in endocytic proteins. Nature, 2002, 416, 451-455.	13.7	592
40	Endocytosis and Exocytosis in Signal Transduction and in Cell Migration. , 0, , .		0