

# Sonja Gisela Lorenz

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

688  
citations

933447

10  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

960  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Mechanism of Linkage-Specific Ubiquitin Chain Elongation by a Single-Subunit E2. <i>Cell</i> , 2011, 144, 769-781.	28.9	241
2	Structural mechanisms of HECT-type ubiquitin ligases. <i>Biological Chemistry</i> , 2018, 399, 127-145.	2.5	98
3	Enzymatic Logic of Ubiquitin Chain Assembly. <i>Frontiers in Physiology</i> , 2019, 10, 835.	2.8	81
4	A conformational switch regulates the ubiquitin ligase HUWE1. <i>ELife</i> , 2017, 6, .	6.0	62
5	Macromolecular juggling by ubiquitylation enzymes. <i>BMC Biology</i> , 2013, 11, 65.	3.8	56
6	Developing Small-Molecule Inhibitors of HECT-Type Ubiquitin Ligases for Therapeutic Applications: Challenges and Opportunities. <i>ChemBioChem</i> , 2018, 19, 2123-2135.	2.6	27
7	Crystal Structure of a Ube2S-Ubiquitin Conjugate. <i>PLoS ONE</i> , 2016, 11, e0147550.	2.5	24
8	Autoinhibition Mechanism of the Ubiquitin-Conjugating Enzyme UBE2S by Autoubiquitination. <i>Structure</i> , 2019, 27, 1195-1210.e7.	3.3	20
9	Analysis of ubiquitin recognition by the HECT ligase E6AP provides insight into its linkage specificity. <i>Journal of Biological Chemistry</i> , 2019, 294, 6113-6129.	3.4	15
10	Alkyltransferase-like protein clusters scan DNA rapidly over long distances and recruit NER to alkyl-DNA lesions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9318-9328.	7.1	14
11	Reconstitution and Structural Analysis of a HECT Ligase-Ubiquitin Complex via an Activity-Based Probe. <i>ACS Chemical Biology</i> , 2021, 16, 1615-1621.	3.4	13
12	Dimerization regulates the human APC/C-associated ubiquitin-conjugating enzyme UBE2S. <i>Science Signaling</i> , 2020, 13, .	3.6	12
13	Crystal structure of the catalytic C-lobe of the HECT-type ubiquitin ligase E6AP. <i>Protein Science</i> , 2020, 29, 1550-1554.	7.6	12
14	Identification of an atypical interaction site in the BTB domain of the MYC-interacting zinc-finger protein 1. <i>Structure</i> , 2021, 29, 1230-1240.e5.	3.3	10
15	Linkage-Specific Synthesis of Di-Ubiquitin Probes Enabled by the Incorporation of Unnatural Amino Acid ThzK. <i>ChemBioChem</i> , 2022, , .	2.6	1
16	Advanced rules of relays. <i>Nature Chemical Biology</i> , 2020, 16, 1158-1159.	8.0	0