

# Katherina Hemmen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8068190/publications.pdf>

Version: 2024-02-01

10  
papers

288  
citations

1307594

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1474206

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docs citations

12  
times ranked

455  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic anticipation by Cdk2/Cyclin A-bound p27 mediates signal integration in cell cycle regulation. Nature Communications, 2019, 10, 1676.	12.8	71
2	Resolving dynamics and function of transient states in single enzyme molecules. Nature Communications, 2020, 11, 1231.	12.8	71
3	Automated and optimally FRET-assisted structural modeling. Nature Communications, 2020, 11, 5394.	12.8	39
4	Specific Conformational Dynamics and Expansion Underpin a Multi-Step Mechanism for Specific Binding of p27 with Cdk2/Cyclin A. Journal of Molecular Biology, 2020, 432, 2998-3017.	4.2	26
5	High-resolution mass spectrometric analysis of the secretome from mouse lung endothelial progenitor cells. Angiogenesis, 2011, 14, 163-172.	7.2	20
6	BIN2 orchestrates platelet calcium signaling in thrombosis and thrombo-inflammation. Journal of Clinical Investigation, 2020, 130, 6064-6079.	8.2	20
7	Foudroyant cerebral venous (sinus) thrombosis triggered through CLEC-2 and GPIIb/IIIa dependent platelet activation. , 2022, 1, 132-141.		18
8	Megakaryocyte volume modulates bone marrow niche properties and cell migration dynamics. Haematologica, 2020, 105, 895-904.	3.5	12
9	Automated AFM analysis of DNA bending reveals initial lesion sensing strategies of DNA glycosylases. Scientific Reports, 2020, 10, 15484.	3.3	7
10	Unraveling the hidden temporal range of fast $\beta$ 2-adrenergic receptor mobility by time-resolved fluorescence. Communications Biology, 2022, 5, 176.	4.4	3