

# Jörg Bäcker

## List of Publications by Year in descending order

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13  
papers

587  
citations

759233

12  
h-index

1125743

13  
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14  
docs citations

14  
times ranked

878  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the mammalian 80S initiation complex with initiation factor 5B on HCV-IRES RNA. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 721-727.	8.2	97
2	Molecular architecture of the ribosome-bound Hepatitis C Virus internal ribosomal entry site <scp>RNA</scp>. <i>EMBO Journal</i> , 2015, 34, 3042-3058.	7.8	80
3	tRNA Translocation by the Eukaryotic 80S Ribosome and the Impact of GTP Hydrolysis. <i>Cell Reports</i> , 2018, 25, 2676-2688.e7.	6.4	61
4	Structures of ribosome-bound initiation factor 2 reveal the mechanism of subunit association. <i>Science Advances</i> , 2016, 2, e1501502.	10.3	59
5	Structural Visualization of the Formation and Activation of the 50S Ribosomal Subunit during In Vitro Reconstitution. <i>Molecular Cell</i> , 2018, 70, 881-893.e3.	9.7	46
6	Structure-Based Mechanisms of a Molecular RNA Polymerase/Chaperone Machine Required for Ribosome Biosynthesis. <i>Molecular Cell</i> , 2020, 79, 1024-1036.e5.	9.7	41
7	Structures of active melanocortin-4 receptor-Gs-protein complexes with NDP-MSH and setmelanotide. <i>Cell Research</i> , 2021, 31, 1176-1189.	12.0	40
8	Cryo-EM structure of the Shigella type III needle complex. <i>PLoS Pathogens</i> , 2020, 16, e1008263.	4.7	36
9	Cryo-electron Microscopic Structure of SecA Protein Bound to the 70S Ribosome. <i>Journal of Biological Chemistry</i> , 2014, 289, 7190-7199.	3.4	35
10	Snapshots of native pre-50S ribosomes reveal a biogenesis factor network and evolutionary specialization. <i>Molecular Cell</i> , 2021, 81, 1200-1215.e9.	9.7	35
11	Protein Synthesis in the Developing Neocortex at Near-Atomic Resolution Reveals Ebp1-Mediated Neuronal Proteostasis at the 60S Tunnel Exit. <i>Molecular Cell</i> , 2021, 81, 304-322.e16.	9.7	27
12	Simple paired heavy- and light-chain antibody repertoire sequencing using endoplasmic reticulum microsomes. <i>Genome Medicine</i> , 2018, 10, 34.	8.2	13
13	Structural insights into Cullin4-RING ubiquitin ligase remodelling by Vpr from simian immunodeficiency viruses. <i>PLoS Pathogens</i> , 2021, 17, e1009775.	4.7	11