

Rebecca M Voorhees

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

3,224
citations

430754

18
h-index

839398

18
g-index

21
all docs

21
docs citations

21
times ranked

3966
citing authors

#	ARTICLE	IF	CITATIONS
1	The Crystal Structure of the Ribosome Bound to EF-Tu and Aminoacyl-tRNA. <i>Science</i> , 2009, 326, 688-694.	6.0	481
2	SARS-CoV-2 Disrupts Splicing, Translation, and Protein Trafficking to Suppress Host Defenses. <i>Cell</i> , 2020, 183, 1325-1339.e21.	13.5	442
3	Insights into substrate stabilization from snapshots of the peptidyl transferase center of the intact 70S ribosome. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 528-533.	3.6	335
4	The Mechanism for Activation of GTP Hydrolysis on the Ribosome. <i>Science</i> , 2010, 330, 835-838.	6.0	318
5	Structure of the Mammalian Ribosome-Sec61 Complex to 3.4Å... Resolution. <i>Cell</i> , 2014, 157, 1632-1643.	13.5	302
6	Insights into Translational Termination from the Structure of RF2 Bound to the Ribosome. <i>Science</i> , 2008, 322, 953-956.	6.0	273
7	Structural Basis of the Translational Elongation Cycle. <i>Annual Review of Biochemistry</i> , 2013, 82, 203-236.	5.0	240
8	Structure of the Sec61 channel opened by a signal sequence. <i>Science</i> , 2016, 351, 88-91.	6.0	198
9	Structural basis for membrane insertion by the human ER membrane protein complex. <i>Science</i> , 2020, 369, 433-436.	6.0	127
10	How mutations in tRNA distant from the anticodon affect the fidelity of decoding. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 432-436.	3.6	109
11	Structures of the scanning and engaged states of the mammalian SRP-ribosome complex. <i>ELife</i> , 2015, 4, .	2.8	109
12	Toward a structural understanding of co-translational protein translocation. <i>Current Opinion in Cell Biology</i> , 2016, 41, 91-99.	2.6	97
13	An Uncharged Amine in the Transition State of the Ribosomal Peptidyl Transfer Reaction. <i>Chemistry and Biology</i> , 2008, 15, 493-500.	6.2	44
14	The structural basis for specific decoding of AUA by isoleucine tRNA on the ribosome. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 641-643.	3.6	34
15	Response to Comment on "The Mechanism for Activation of GTP Hydrolysis on the Ribosome". <i>Science</i> , 2011, 333, 37-37.	6.0	29
16	WNK1 is an assembly factor for the human ER membrane protein complex. <i>Molecular Cell</i> , 2021, 81, 2693-2704.e12.	4.5	29
17	Differential Modes of Orphan Subunit Recognition for the WRB/CAML Complex. <i>Cell Reports</i> , 2020, 30, 3691-3698.e5.	2.9	26
18	Compensatory ion transport buffers daily protein rhythms to regulate osmotic balance and cellular physiology. <i>Nature Communications</i> , 2021, 12, 6035.	5.8	26