

Masaaki Sokabe

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

837
citations

759233

12
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

1209
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacological dimerization and activation of the exchange factor eIF2B antagonizes the integrated stress response. <i>ELife</i> , 2015, 4, e07314.	6.0	212
2	Structure of a human 48S translational initiation complex. <i>Science</i> , 2020, 369, 1220-1227.	12.6	138
3	The human translation initiation multi-factor complex promotes methionyl-tRNA ⁱ binding to the 40S ribosomal subunit. <i>Nucleic Acids Research</i> , 2012, 40, 905-913.	14.5	79
4	A helicase-independent activity of eIF4A in promoting mRNA recruitment to the human ribosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6304-6309.	7.1	66
5	Molecular basis of alanine discrimination in editing site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11669-11674.	7.1	56
6	Methodology for measuring conformation of solvent-disrupted protein subunits using T-WAVE ion mobility MS: An investigation into eukaryotic initiation factors. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 1699-1706.	2.8	54
7	Human Eukaryotic Initiation Factor 2 (eIF2)-GTP-Met-tRNA ⁱ Ternary Complex and eIF3 Stabilize the 43S Preinitiation Complex. <i>Journal of Biological Chemistry</i> , 2014, 289, 31827-31836.	3.4	51
8	Structure of archaeal translational initiation factor 2 beta-GDP reveals significant conformational change of the beta-subunit and switch 1 region. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 13016-13021.	7.1	45
9	Toward a Kinetic Understanding of Eukaryotic Translation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a032706.	5.5	41
10	The structure of alanyl-tRNA synthetase with editing domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11028-11033.	7.1	40
11	eIF5B and eIF1A reorient initiator tRNA to allow ribosomal subunit joining. <i>Nature</i> , 2022, 607, 185-190.	27.8	25
12	The X-ray crystal structure of pyrrolidone-carboxylate peptidase from hyperthermophilic archaea <i>Pyrococcus horikoshii</i> . <i>Journal of Structural and Functional Genomics</i> , 2002, 2, 145-154.	1.2	18
13	Phosphorylation of Human Eukaryotic Initiation Factor 2 ^{Î±} : Novel Site Identification and Targeted PKC Involvement. <i>Journal of Proteome Research</i> , 2011, 10, 4613-4623.	3.7	6
14	Thermodynamic analysis reveals that GTP binding affects the interaction between the Î±- and Î³-subunits of translation initiation factor 2. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 596-599.	2.1	3