

William C Merrick

List of Publications by Year in descending order

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32
papers

1,478
citations

430874

18
h-index

552781

26
g-index

33
all docs

33
docs citations

33
times ranked

2057
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Synthesis Initiation in Eukaryotic Cells. Cold Spring Harbor Perspectives in Biology, 2018, 10, a033092.	5.5	230
2	Cap-dependent and cap-independent translation in eukaryotic systems. Gene, 2004, 332, 1-11.	2.2	218
3	GTP-independent tRNA Delivery to the Ribosomal P-site by a Novel Eukaryotic Translation Factor. Journal of Biological Chemistry, 2010, 285, 26779-26787.	3.4	144
4	A Unique ISR Program Determines Cellular Responses to Chronic Stress. Molecular Cell, 2017, 68, 885-900.e6.	9.7	135
5	eIF4F: A Retrospective. Journal of Biological Chemistry, 2015, 290, 24091-24099.	3.4	128
6	Characterization of Mammalian eIF2A and Identification of the Yeast Homolog. Journal of Biological Chemistry, 2002, 277, 37079-37087.	3.4	64
7	Eukaryotic Protein Synthesis: Still a Mystery. Journal of Biological Chemistry, 2010, 285, 21197-21201.	3.4	54
8	Phospholipid-sensitive Ca ²⁺ -dependent protein kinase phosphorylates the $\hat{2}$ subunit of eukaryotic initiation factor 2 (eIF-2). FEBS Letters, 1983, 159, 167-170.	2.8	52
9	Novel Characteristics of the Biological Properties of the Yeast <i>Saccharomyces cerevisiae</i> Eukaryotic Initiation Factor 2A. Journal of Biological Chemistry, 2005, 280, 15601-15611.	3.4	49
10	Rocaglates Induce Gain-of-Function Alterations to eIF4A and eIF4F. Cell Reports, 2020, 30, 2481-2488.e5.	6.4	48
11	The NS5A protein of bovine viral diarrhoea virus interacts with the $\hat{1}$ subunit of translation elongation factor-1. Journal of General Virology, 2001, 82, 2935-2943.	2.9	48
12	A Retrospective on eIF2A and Not the Alpha Subunit of eIF2. International Journal of Molecular Sciences, 2020, 21, 2054.	4.1	43
13	Ternatin and improved synthetic variants kill cancer cells by targeting the elongation factor-1A ternary complex. ELife, 2015, 4, .	6.0	39
14	Comparative efficiencies of C-terminal signals of native glycosphosphatidylinositol (GPI)-anchored proteins in conferring GPI-anchoring. Journal of Cellular Biochemistry, 2002, 84, 68-83.	2.6	35
15	The eIF2A knockout mouse. Cell Cycle, 2016, 15, 3115-3120.	2.6	30
16	Identification of Initiation Factors and Ribosome-Associated Phosphoproteins by Two-Dimensional Polyacrylamide Gel Electrophoresis. FEBS Journal, 1979, 96, 277-286.	0.2	28
17	Rapid kinetics of iron responsive element (IRE) RNA/iron regulatory protein 1 and IRE-RNA/eIF4F complexes respond differently to metal ions. Nucleic Acids Research, 2014, 42, 6567-6577.	14.5	21
18	Mycoplasmas induce collagenase in BALB/c 3T3 cells. Nature, 1981, 292, 855-857.	27.8	19

#	ARTICLE	IF	CITATIONS
19	Adaptive translational pausing is a hallmark of the cellular response to severe environmental stress. <i>Molecular Cell</i> , 2021, 81, 4191-4208.e8.	9.7	18
20	Purification and characterization of leukotriene A4hydrolase from human epidermis. <i>FEBS Letters</i> , 1995, 358, 316-322.	2.8	17
21	Influence of translation factor activities on start site selection in six different mRNAs. <i>Translation</i> , 2013, 1, e24419.	2.9	13
22	Control not at initiation? Bah, humbug!. <i>EMBO Journal</i> , 2014, 33, 3-4.	7.8	13
23	DNA binding activity of the mammalian translation elongation complex: recognition of chromium- and transplatin-damaged DNA. <i>Archives of Toxicology</i> , 1997, 71, 450-454.	4.2	12
24	Initiation of protein biosynthesis in eukaryotes. <i>Biochemistry and Molecular Biology Education</i> , 2003, 31, 378-385.	1.2	10
25	Use of Reticulocyte Lysates for Mechanistic Studies of Eukaryotic Translation Initiation. <i>Methods in Enzymology</i> , 2007, 429, 1-21.	1.0	9
26	Introduction to the Thematic Minireview Series on Protein Synthesis. <i>Journal of Biological Chemistry</i> , 2010, 285, 21195-21196.	3.4	1
27	The Celebration of 40 years of structural biology at Aarhus University as seen through the eyes of a translationalist. <i>New Biotechnology</i> , 2017, 38, 26-28.	4.4	0
28	Use of bicistronic mRNAs, translation factors and reticulocyte lysate. <i>FASEB Journal</i> , 2006, 20, A852.	0.5	0
29	Ribosomal protein L13a inhibits translation by blocking the formation of 80S complex on the GAIT element containing mRNA: Dependence on the translation initiation factor eIF4G. <i>FASEB Journal</i> , 2006, 20, A108.	0.5	0
30	A possible mechanism for the regulation of IRES-mediated expression by eIF2A. <i>FASEB Journal</i> , 2010, 24, 467.5.	0.5	0
31	The interaction between eIF4F and iron response protein with IRE-mRNA. <i>FASEB Journal</i> , 2011, 25, 703.2.	0.5	0
32	Iron induced eukaryotic initiation factor/ mRNA binding affinity change. <i>FASEB Journal</i> , 2012, 26, .	0.5	0