Stephen M Fuchs

List of Publications by Year
in descending order

36 papers	2,207 citations	331259 21 h-index	454577 30 g-index
45 all docs	45 docs citations	45 times ranked	3436 citing authors

#	Article	IF	Citations
1	Pathway for Polyarginine Entry into Mammalian Cellsâ€. Biochemistry, 2004, 43, 2438-2444.	1.2	347
2	Association of UHRF1 with methylated H3K9 directs the maintenance of DNA methylation. Nature Structural and Molecular Biology, 2012, 19, 1155-1160.	3.6	313
3	Influence of Combinatorial Histone Modifications on Antibody and Effector Protein Recognition. Current Biology, 2011, 21, 53-58.	1.8	161
4	Deciphering postâ€translational modification codes. FEBS Letters, 2013, 587, 1247-1257.	1.3	142
5	Roles for Ctk1 and Spt6 in Regulating the Different Methylation States of Histone H3 Lysine 36. Molecular and Cellular Biology, 2008, 28, 4915-4926.	1.1	140
6	An Interactive Database for the Assessment of Histone Antibody Specificity. Molecular Cell, 2015, 59, 502-511.	4.5	139
7	Comprehensive RNA Polymerase II Interactomes Reveal Distinct and Varied Roles for Each Phospho-CTD Residue. Cell Reports, 2016, 15, 2147-2158.	2.9	113
8	Polyarginine as a multifunctional fusion tag. Protein Science, 2009, 14, 1538-1544.	3.1	103
9	Heterochromatin-associated interactions of <i>Drosophila</i> HP1a with dADD1, HIPP1, and repetitive RNAs. Genes and Development, 2014, 28, 1445-1460.	2.7	82
10	Arginine Grafting to Endow Cell Permeability. ACS Chemical Biology, 2007, 2, 167-170.	1.6	75
11	Broad Ranges of Affinity and Specificity of Anti-Histone Antibodies Revealed by a Quantitative Peptide Immunoprecipitation Assay. Journal of Molecular Biology, 2012, 424, 391-399.	2.0	67
12	Peptide Microarrays to Interrogate the â€œHistone Codeâ€. Methods in Enzymology, 2012, 512, 107-135.	0.4	64
13	Protein modifications in transcription elongation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2009, 1789, 26-36.	0.9	59
14	H2B ubiquitylation in transcriptional control: a FACT-finding mission. Genes and Development, 2007, 21, 737-743.	2.7	57
15	RNA Polymerase II Carboxyl-terminal Domain Phosphorylation Regulates Protein Stability of the Set2 Methyltransferase and Histone H3 Di- and Trimethylation at Lysine 36. Journal of Biological Chemistry, 2012, 287, 3249-3256.	1.6	50
16	The Ccr4-Not Complex Interacts with the mRNA Export Machinery. PLoS ONE, 2011, 6, e18302.	1.1	46
17	Creation of a zymogen. Nature Structural Biology, 2003, 10, 115-119.	9.7	43
18	Antibody recognition of histone post-translational modifications: emerging issues and future prospects. Epigenomics, 2011, 3, 247-249.	1.0	41

#	Article	IF	Citations
19	Identification of the Veratryl Alcohol Binding Site in Lignin Peroxidase by Site-Directed Mutagenesis. Biochemical and Biophysical Research Communications, 1998, 251, 283-286.	1.0	34
20	Increasing the potency of a cytotoxin with an arginine graft. Protein Engineering, Design and Selection, 2007, 20, 505-9.	1.0	32
21	Multilayered Films Fabricated from an Oligoarginine-Conjugated ProteinÂPromoteÂEfficientÂSurface-MediatedÂProteinÂTransduction. Biomacromolecules, 2007, 8, 857-863.	2.6	30
22	DNA Instability Maintains the Repeat Length of the Yeast RNA Polymerase II C-terminal Domain. Journal of Biological Chemistry, 2016, 291, 11540-11550.	1.6	11
23	Budding yeast as a model to study epigenetics. Drug Discovery Today: Disease Models, 2014, 12, 1-6.	1.2	10
24	Repeat-Specific Functions for the C-Terminal Domain of RNA Polymerase II in Budding Yeast. G3: Genes, Genomes, Genetics, 2018, 8, 1593-1601.	0.8	9
25	Distinct roles for S. cerevisiae H2A copies in recombination and repeat stability, with a role for H2A.1 threonine 126. ELife, 2019, 8, .	2.8	8
26	Density separation of quiescent yeast using iodixanol. BioTechniques, 2017, 63, 169-173.	0.8	7
27	Microfluidic quantification and separation of yeast based on surface adhesion. Lab on A Chip, 2019, 19, 3481-3489.	3.1	7
28	Chemically Modified Tandem Repeats in Proteins: Natural Combinatorial Peptide Libraries. ACS Chemical Biology, 2013, 8, 275-282.	1.6	5
29	Defining the role of the polyasparagine repeat domain of the S. cerevisiae transcription factor Azf1p. PLoS ONE, 2021, 16, e0247285.	1.1	3
30	The Epithelial adhesin 1 tandem repeat region mediates protein display through multiple mechanisms. FEMS Yeast Research, 2020, 20, .	1.1	2
31	Contractions of the C-Terminal Domain of Saccharomyces cerevisiae Rpb1p Are Mediated by Rad5p. G3: Genes, Genomes, Genetics, 2020, 10, 2543-2551.	0.8	0
32	Understanding the combinatorial postâ€translational modifications associated with histone H3 methylation in yeast. FASEB Journal, 2013, 27, 772.6.	0.2	0
33	Peptide Microarrays to Examine RNA Polymerase II Binding Protein Domains. FASEB Journal, 2015, 29, 877.12.	0.2	0
34	Examining changes to chromatin during chronological aging in budding yeast. FASEB Journal, 2015, 29, 877.13.	0.2	0
35	Genetic and environmental factors that regulate tandem repeat variation in coding regions. FASEB Journal, 2017, 31, .	0.2	0
36	Variable Surface Display and Postâ€Translational Regulation of the Fungal Adhesin Epa1p. FASEB Journal, 2019, 33, 655.7.	0.2	0