Heather A Coker

List of Publications by Year
in descending order

21 papers	2,409 citations	516215 16 h-index	713013 21 g-index
25 all docs	25 docs citations	25 times ranked	3133 citing authors

#	Article	IF	Citations
1	THEBIOLOGY OFIGEAND THEBASIS OFALLERGICDISEASE. Annual Review of Immunology, 2003, 21, 579-628.	9.5	576
2	Activation-induced Cytidine Deaminase Deaminates 5-Methylcytosine in DNA and Is Expressed in Pluripotent Tissues. Journal of Biological Chemistry, 2004, 279, 52353-52360.	1.6	441
3	A Pooled shRNA Screen Identifies Rbm15, Spen, and Wtap as Factors Required for Xist RNA-Mediated Silencing. Cell Reports, 2015, 12, 562-572.	2.9	226
4	Allergen Drives Class Switching to IgE in the Nasal Mucosa in Allergic Rhinitis. Journal of Immunology, 2005, 174, 5024-5032.	0.4	205
5	Smchd1-Dependent and -Independent Pathways Determine Developmental Dynamics of CpG Island Methylation on the Inactive X Chromosome. Developmental Cell, 2012, 23, 265-279.	3.1	160
6	Local Somatic Hypermutation and Class Switch Recombination in the Nasal Mucosa of Allergic Rhinitis Patients. Journal of Immunology, 2003, 171, 5602-5610.	0.4	138
7	m6A modification of non-coding RNA and the control of mammalian gene expression. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 310-318.	0.9	132
8	The nuclear matrix protein CIZ1 facilitates localization of Xist RNA to the inactive X-chromosome territory. Genes and Development, 2017, 31, 876-888.	2.7	104
9	Systematic allelic analysis defines the interplay of key pathways in X chromosome inactivation. Nature Communications, 2019, 10, 3129.	5.8	93
10	Independent Mechanisms Target SMCHD1 to Trimethylated Histone H3 Lysine 9-Modified Chromatin and the Inactive X Chromosome. Molecular and Cellular Biology, 2015, 35, 4053-4068.	1.1	66
11	Biased use of VH5 IgE-positive B cells in the nasal mucosa in allergic rhinitis. Journal of Allergy and Clinical Immunology, 2005, 116, 445-452.	1.5	61
12	Time-resolved structured illumination microscopy reveals key principles of Xist RNA spreading. Science, 2021, 372, .	6.0	42
13	Acute depletion of METTL3 implicates N⁶-methyladenosine in alternative intron/exon inclusion in the nascent transcriptome. Genome Research, 2021, 31, 1395-1408.	2.4	37
14	The role of the Xist 5â€™ m6A region and RBM15 in X chromosome inactivation. Wellcome Open Research, 2020, 5, 31.	0.9	37
15	The nuclear DNA deaminase AID functions distributively whereas cytoplasmic APOBEC3G has a processive mode of action. DNA Repair, 2007, 6, 235-243.	1.3	27
16	SMCHD1 accumulates at DNA damage sites and facilitates the repair of DNA double-strand breaks. Journal of Cell Science, 2014, 127, 1869-1874.	1.2	17
17	Genetic and In Vitro Assays of DNA Deamination. Methods in Enzymology, 2006, 408, 156-170.	0.4	16
18	DNA deaminases: AIDing hormones in immunity and cancer. Journal of Molecular Medicine, 2009, 87, 893-897.	1.7	16

#	Article	IF	Citations
19	Xist-mediated silencing requires additive functions of SPEN and Polycomb together with differentiation-dependent recruitment of SmcHD1. Cell Reports, 2022, 39, 110830.	2.9	9
20	AID's distributive mode of action: A definition. DNA Repair, 2007, 6, 693-694.	1.3	2
21	Simultaneous In Vitro Characterisation of DNA Deaminase Function and Associated DNA Repair Pathways. PLoS ONE, 2013, 8, e82097.	1.1	1