

Sarah L Maslen

List of Publications by Year in descending order

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30
papers

1,646
citations

471509

17
h-index

477307

29
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33
all docs

33
docs citations

33
times ranked

2916
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism and Regulation of DNA-Protein Crosslink Repair by the DNA-Dependent Metalloprotease SPRTN. <i>Molecular Cell</i> , 2016, 64, 688-703.	9.7	189
2	Molecular basis of APC/C regulation by the spindle assembly checkpoint. <i>Nature</i> , 2016, 536, 431-436.	27.8	178
3	Molecular mechanism of APC/C activation by mitotic phosphorylation. <i>Nature</i> , 2016, 533, 260-264.	27.8	159
4	Peptide and small molecule inhibitors of HECT-type ubiquitin ligases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16736-16741.	7.1	118
5	PRMT5-Dependent Methylation of the TIP60 Coactivator RUVBL1 Is a Key Regulator of Homologous Recombination. <i>Molecular Cell</i> , 2017, 65, 900-916.e7.	9.7	106
6	Sense codon reassignment enables viral resistance and encoded polymer synthesis. <i>Science</i> , 2021, 372, 1057-1062.	12.6	90
7	POLE3-POLE4 Is a Histone H3-H4 Chaperone that Maintains Chromatin Integrity during DNA Replication. <i>Molecular Cell</i> , 2018, 72, 112-126.e5.	9.7	87
8	Trivalent RING Assembly on Retroviral Capsids Activates TRIM5 Δ Ubiquitination and Innate Immune Signaling. <i>Cell Host and Microbe</i> , 2018, 24, 761-775.e6.	11.0	82
9	Structure of the Fanconi anaemia monoubiquitin ligase complex. <i>Nature</i> , 2019, 575, 234-237.	27.8	80
10	Activation of the Endonuclease that Defines mRNA 3' Ends Requires Incorporation into an 8-Subunit Core Cleavage and Polyadenylation Factor Complex. <i>Molecular Cell</i> , 2019, 73, 1217-1231.e11.	9.7	70
11	Sequences in the cytoplasmic tail of SARS-CoV-2 Spike facilitate expression at the cell surface and syncytia formation. <i>Nature Communications</i> , 2021, 12, 5333.	12.8	64
12	Mechanistic Insights into Autoinhibition of the Oncogenic Chromatin Remodeler ALC1. <i>Molecular Cell</i> , 2017, 68, 847-859.e7.	9.7	53
13	Structure of the <i>Escherichia coli</i> ProQ RNA-binding protein. <i>Rna</i> , 2017, 23, 696-711.	3.5	50
14	A bipartite structural organization defines the SERINC family of HIV-1 restriction factors. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 78-83.	8.2	50
15	Structural basis for VPS34 kinase activation by Rab1 and Rab5 on membranes. <i>Nature Communications</i> , 2021, 12, 1564.	12.8	50
16	Structural insights and activating mutations in diverse pathologies define mechanisms of deregulation for phospholipase C γ enzymes. <i>EBioMedicine</i> , 2020, 51, 102607.	6.1	31
17	Analysis of phosphoinositide 3-kinase inhibitors by bottom-up electron-transfer dissociation hydrogen/deuterium exchange mass spectrometry. <i>Biochemical Journal</i> , 2017, 474, 1867-1877.	3.7	29
18	High-fidelity DNA replication in <i>Mycobacterium tuberculosis</i> relies on a trinuclear zinc center. <i>Nature Communications</i> , 2017, 8, 855.	12.8	23

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19	Regulation of CYLD activity and specificity by phosphorylation and ubiquitin-binding CAP-Gly domains. <i>Cell Reports</i> , 2021, 37, 109777.	6.4	20
20	CTNNB1 facilitates the association of CWC15 with CDC5L and is required to maintain the abundance of the Prp19 spliceosomal complex. <i>Nucleic Acids Research</i> , 2015, 43, 7058-7069.	14.5	19
21	Crystal structure of the N-terminal domain of human Timeless and its interaction with Tipin. <i>Nucleic Acids Research</i> , 2017, 45, 5555-5563.	14.5	18
22	Arginine methylation and ubiquitylation crosstalk controls DNA end-resection and homologous recombination repair. <i>Nature Communications</i> , 2021, 12, 6313.	12.8	16
23	Periphilin self-association underpins epigenetic silencing by the HUSH complex. <i>Nucleic Acids Research</i> , 2020, 48, 10313-10328.	14.5	15
24	Structural Organization and Dynamics of Homodimeric Cytohesin Family Arf GTPase Exchange Factors in Solution and on Membranes. <i>Structure</i> , 2019, 27, 1782-1797.e7.	3.3	14
25	Mpe1 senses the binding of pre-mRNA and controls 3' end processing by CPF. <i>Molecular Cell</i> , 2022, 82, 2490-2504.e12.	9.7	9
26	Retention of the Native Epigenome in Purified Mammalian Chromatin. <i>PLoS ONE</i> , 2015, 10, e0133246.	2.5	7
27	Bipartite binding and partial inhibition links DEPTOR and mTOR in a mutually antagonistic embrace. <i>ELife</i> , 2021, 10, .	6.0	5
28	Multidimensional Dynamics of the Proteome in the Neurodegenerative and Aging Mammalian Brain. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100192.	3.8	5
29	Controlled Ligand Exchange Between Ruthenium Organometallic Cofactor Precursors and a Na ⁺ -ve Protein Scaffold Generates Artificial Metalloenzymes Catalysing Transfer Hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10919-10927.	13.8	3
30	Controlled Ligand Exchange Between Ruthenium Organometallic Cofactor Precursors and a Na ⁺ -ve Protein Scaffold Generates Artificial Metalloenzymes Catalysing Transfer Hydrogenation. <i>Angewandte Chemie</i> , 2021, 133, 11014-11022.	2.0	0