Katharine H Wrighton

List of Publications by Year
in descending order

139 papers	1,565 citations	686830 13 h-index	329751 37 g-index
164 all docs	164 docs citations	164 times ranked	2845 citing authors

#	Article	IF	Citations
1	A novel vaccine target for malaria. Nature Reviews Microbiology, 2020, 18, 361-361.	13.6	1
2	Protecting bee health. Nature Reviews Microbiology, 2020, 18, 192-193.	13.6	1
3	Blocking endocytosis gives therapeutic antibodies a boost. Nature Reviews Drug Discovery, 2020, 19, 237-237.	21.5	1
4	A novel vaccine target for malaria. Nature Reviews Drug Discovery, 2020, 19, 386-386.	21.5	2
5	Rules of invasion. Nature Reviews Neuroscience, 2019, 20, 574-575.	4.9	1
6	Resilient networking. Nature Reviews Neuroscience, 2019, 20, 646-647.	4.9	0
7	G-tracts give PRC2 the boot. Nature Reviews Molecular Cell Biology, 2019, 20, 662-662.	16.1	1
8	Desmoid tumours stalled by sorafenib. Nature Reviews Clinical Oncology, 2019, 16, 209-209.	12.5	2
9	Trafficking signals for metastasis. Nature Reviews Cancer, 2019, 19, 127-127.	12.8	2
10	A trip down memory lane. Nature Reviews Genetics, 2019, 20, 433-433.	7.7	0
11	Recording embryogenesis. Nature Reviews Genetics, 2019, 20, 373-373.	7.7	0
12	Tracing cell fate. Nature Reviews Molecular Cell Biology, 2019, 20, 454-455.	16.1	2
13	Ancient genomes shed light on dark horses. Nature Reviews Genetics, 2019, 20, 374-375.	7.7	0
14	Malassezia restricta plays CARDs in the gut. Nature Reviews Microbiology, 2019, 17, 266-267.	13.6	2
15	Cytosine base editors go off-target. Nature Reviews Genetics, 2019, 20, 254-255.	7.7	3
16	Growing mouse kidneys in rats. Nature Reviews Nephrology, 2019, 15, 255-255.	4.1	1
17	Personalized DNA methylomics. Nature Reviews Genetics, 2019, 20, 4-5.	7.7	1
18	Regulatory networks in AML. Nature Reviews Cancer, 2019, 19, 6-7.	12.8	4

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19	Bridging the gap for lipopolysaccharides. Nature Reviews Microbiology, 2018, 16, 184-185.	13.6	2
20	Discovering antibiotics through soil metagenomics. Nature Reviews Drug Discovery, 2018, 17, 241-241.	21.5	10
21	Methylation patterns in primordial germ cells. Nature Reviews Molecular Cell Biology, 2018, 19, 278-279.	16.1	2
22	Making new connections. Nature Reviews Neuroscience, 2018, 19, 253-253.	4.9	1
23	Expanding the reach of Cas9. Nature Reviews Genetics, 2018, 19, 250-251.	7.7	8
24	Shedding light on alternative promoter selection. Nature Reviews Genetics, 2018, 19, 4-5.	7.7	5
25	Putting R loops firmly on the map. Nature Reviews Genetics, 2018, 19, 5-5.	7.7	4
26	Multiplex genome engineering in eukaryotes. Nature Reviews Genetics, 2018, 19, 7-7.	7.7	5
27	Benefits of blocking fructokinase. Nature Reviews Nephrology, 2017, 13, 192-192.	4.1	1
28	The diagnostic power of RNA-seq. Nature Reviews Genetics, 2017, 18, 392-392.	7.7	6
29	The different flavours of iPS cells. Nature Reviews Genetics, 2017, 18, 394-394.	7.7	5
30	Surveying kidney care worldwide. Nature Reviews Nephrology, 2017, 13, 384-384.	4.1	0
31	PHD inhibitors miss their mark. Nature Reviews Nephrology, 2017, 13, 384-384.	4.1	0
32	Trialling stem cell treatment for vascular disease. Nature Reviews Nephrology, 2017, 13, 384-384.	4.1	0
33	Non-muscle myosin II in kidney morphogenesis. Nature Reviews Nephrology, 2017, 13, 384-384.	4.1	2
34	Zooming in on nuclear organization. Nature Reviews Genetics, 2017, 18, 269-269.	7.7	1
35	Zooming in on nuclear organization. Nature Reviews Molecular Cell Biology, 2017, 18, 275-275.	16.1	0
36	How histones go viral. Nature Reviews Microbiology, 2017, 15, 3-3.	13.6	2

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37	Compartmentalizing chromatin without cohesin. Nature Reviews Genetics, 2017, 18, 640-641.	7.7	0
38	Intragenic enhancers dampen gene expression. Nature Reviews Genetics, 2017, 18, 703-703.	7.7	0
39	Probiotic induction of tolerogenic T cells in the gut. Nature Reviews Immunology, 2017, 17, 592-592.	10.6	7
40	Intragenic enhancers dampen gene expression. Nature Reviews Molecular Cell Biology, 2017, 18, 715-715.	16.1	0
41	PPM1A Functions as a Smad Phosphatase to Terminate TGFÎ² Signaling. Cell, 2016, 165, 498.	13.5	3
42	PPM1A Functions as a Smad Phosphatase to Terminate TGFÎ² Signaling. Cell, 2016, 166, 1597.	13.5	8
43	Reusing injected proteins. Nature Reviews Microbiology, 2016, 14, 666-667.	13.6	0
44	The motif behind PP2Aâ€“B56 specificity. Nature Reviews Molecular Cell Biology, 2016, 17, 534-535.	16.1	0
45	Understanding the actions of 53BP1. Nature Reviews Molecular Cell Biology, 2016, 17, 608-608.	16.1	0
46	Mitophagy turns beige adipocytes white. Nature Reviews Molecular Cell Biology, 2016, 17, 607-607.	16.1	12
47	Keeping chromosomes apart. Nature Reviews Molecular Cell Biology, 2016, 17, 462-462.	16.1	0
48	Tagging proteins for the Clp protease. Nature Reviews Microbiology, 2016, 14, 728-728.	13.6	2
49	Regulation of p27 phosphorylation and G1 cell cycle progression by protein phosphatase PPM1G. American Journal of Cancer Research, 2016, 6, 2207-2220.	1.4	14
50	Phosphorylation regulates IDP folding. Nature Reviews Molecular Cell Biology, 2015, 16, 66-66.	16.1	2
51	One kinase targets many secreted proteins. Nature Reviews Molecular Cell Biology, 2015, 16, 453-453.	16.1	0
52	Selecting ER for eating. Nature Reviews Molecular Cell Biology, 2015, 16, 389-389.	16.1	6
53	Fatty acids on the move. Nature Reviews Molecular Cell Biology, 2015, 16, 205-205.	16.1	7
54	SIRT7, the UPR and HSC ageing. Nature Reviews Molecular Cell Biology, 2015, 16, 266-267.	16.1	11

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55	Ciliary phosphoinositides regulate Hedgehog signalling. Nature Reviews Molecular Cell Biology, 2015, 16, 641-641.	16.1	1
56	EMT promotes contact inhibition of locomotion. Nature Reviews Molecular Cell Biology, 2015, 16, 518-518.	16.1	19
57	Ciliary phosphoinositides regulate Hedgehog signalling. Nature Reviews Molecular Cell Biology, 2015, 16, 577-577.	16.1	4
58	Chaperonin' telomerase. Nature Reviews Molecular Cell Biology, 2015, 16, 4-4.	16.1	3
59	Tyrosine kinases in extracellular space. Nature Reviews Molecular Cell Biology, 2014, 15, 632-632.	16.1	2
60	Microtubules protect spindle assembly factors. Nature Reviews Molecular Cell Biology, 2014, 15, 151-151.	16.1	3
61	ERK keeps promoters 'poised' for action. Nature Reviews Molecular Cell Biology, 2014, 15, 219-219.	16.1	0
62	Regulating cell volume. Nature Reviews Molecular Cell Biology, 2014, 15, 363-363.	16.1	0
63	A ligase makes sense of DNA damage. Nature Reviews Molecular Cell Biology, 2014, 15, 76-77.	16.1	6
64	Methyltransferases 'talk' at histone H3. Nature Reviews Molecular Cell Biology, 2014, 15, 78-78.	16.1	0
65	Fat cadherins regulate mitochondrial function. Nature Reviews Molecular Cell Biology, 2014, 15, 702-702.	16.1	1
66	Unlocking AP2 activity. Nature Reviews Molecular Cell Biology, 2014, 15, 561-561.	16.1	2
67	YAP and TAZ under metabolic control. Nature Reviews Molecular Cell Biology, 2014, 15, 297-297.	16.1	1
68	Interplay of PTEN with histone H1. Nature Reviews Molecular Cell Biology, 2014, 15, 630-630.	16.1	0
69	The TRPM7 ion channel modifies histones. Nature Reviews Molecular Cell Biology, 2014, 15, 427-427.	16.1	9
70	Young again with Lin28. Nature Reviews Molecular Cell Biology, 2014, 15, 4-5.	16.1	0
71	EGF signalling â€" it's all in SHC1's timing. Nature Reviews Molecular Cell Biology, 2013, 14, 463-463.	16.1	2
72	Atg independence in the midgut. Nature Reviews Molecular Cell Biology, 2013, 14, 547-547.	16.1	0

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73	Fuelling vessel sprouting. Nature Reviews Molecular Cell Biology, 2013, 14, 544-545.	16.1	0
74	How monoubiquitylation keeps RAS active. Nature Reviews Molecular Cell Biology, 2013, 14, 66-67.	16.1	1
75	Ensuring quality at the ribosome. Nature Reviews Molecular Cell Biology, 2013, 14, 1-1.	16.1	8
76	A little bit of stress does you good. Nature Reviews Molecular Cell Biology, 2013, 14, 749-749.	16.1	1
77	The 'ins' and 'outs' of integrin signalling. Nature Reviews Molecular Cell Biology, 2013, 14, 753-753.	16.1	15
78	Misfolded proteins join the Q. Nature Reviews Molecular Cell Biology, 2013, 14, 608-609.	16.1	3
79	Deubiquitylating mitofusin. Nature Reviews Molecular Cell Biology, 2013, 14, 130-131.	16.1	1
80	Where the mTOR action is. Nature Reviews Molecular Cell Biology, 2013, 14, 191-191.	16.1	6
81	SHC keeps ERK under control. Nature Reviews Molecular Cell Biology, 2013, 14, 267-267.	16.1	0
82	TET2 keeps histones sweet. Nature Reviews Molecular Cell Biology, 2013, 14, 64-65.	16.1	9
83	Putting energy into mitophagy. Nature Reviews Molecular Cell Biology, 2013, 14, 325-325.	16.1	8
84	Crystallizing active arrestins. Nature Reviews Molecular Cell Biology, 2013, 14, 327-327.	16.1	0
85	Kinase crosstalk through beclin 1. Nature Reviews Molecular Cell Biology, 2013, 14, 402-403.	16.1	15
86	Autophagy and ciliogenesis come together. Nature Reviews Molecular Cell Biology, 2013, 14, 687-687.	16.1	7
87	DDX3 in command of CK1Îµ. Nature Reviews Molecular Cell Biology, 2013, 14, 192-193.	16.1	3
88	AMPK moonlights in mitosis. Nature Reviews Molecular Cell Biology, 2012, 13, 65-65.	16.1	4
89	Inactivating PTP1B upon ER stress. Nature Reviews Molecular Cell Biology, 2012, 13, 62-63.	16.1	2
90	The mechanics of group travel. Nature Reviews Molecular Cell Biology, 2012, 13, 753-753.	16.1	1

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91	Stopping mitochondria in their tracks. Nature Reviews Molecular Cell Biology, 2012, 13, 4-5.	16.1	1
92	Crystallizing WNT signalling. Nature Reviews Molecular Cell Biology, 2012, 13, 4-4.	16.1	7
93	Role of nuclear PTEN revealed. Nature Reviews Cancer, 2011, 11, 155-155.	12.8	7
94	USP1 keeps ID proteins stable. Nature Reviews Cancer, 2011, 11, 757-757.	12.8	4
95	E3 ligases team up. Nature Reviews Molecular Cell Biology, 2011, 12, 6-7.	16.1	1
96	Myosin II moves in on autophagosomes. Nature Reviews Molecular Cell Biology, 2011, 12, 77-77.	16.1	9
97	Targeting kinases. Nature Reviews Molecular Cell Biology, 2011, 12, 75-75.	16.1	0
98	Role of nuclear PTEN revealed. Nature Reviews Molecular Cell Biology, 2011, 12, 134-134.	16.1	2
99	ESCRTing proteins for microautophagy. Nature Reviews Molecular Cell Biology, 2011, 12, 136-137.	16.1	2
100	Staying alive without CRTC-1. Nature Reviews Molecular Cell Biology, 2011, 12, 206-207.	16.1	3
101	A killer puts a stop on necroptosis. Nature Reviews Molecular Cell Biology, 2011, 12, 279-279.	16.1	8
102	Shaping the fate of mitochondria. Nature Reviews Molecular Cell Biology, 2011, 12, 344-345.	16.1	8
103	RhoC invades cofilin's space. Nature Reviews Molecular Cell Biology, 2011, 12, 347-347.	16.1	2
104	YAP and TAZ feel the force. Nature Reviews Molecular Cell Biology, 2011, 12, 404-405.	16.1	28
105	Recapturing youth. Nature Reviews Molecular Cell Biology, 2011, 12, 467-467.	16.1	0
106	A new platform for death. Nature Reviews Molecular Cell Biology, 2011, 12, 547-547.	16.1	3
107	Linking metabolism to apoptotic sensitivity. Nature Reviews Molecular Cell Biology, 2011, 12, 625-625.	16.1	0
108	USP1 keeps ID proteins stable. Nature Reviews Molecular Cell Biology, 2011, 12, 691-691.	16.1	2

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109	PRMT5 restricts ERK activity. Nature Reviews Molecular Cell Biology, 2011, 12, 689-689.	16.1	4
110	mTOR targets its own inhibitor. Nature Reviews Molecular Cell Biology, 2011, 12, 769-769.	16.1	2
111	Autophagy eliminates paternal mitochondria. Nature Reviews Molecular Cell Biology, 2011, 12, 771-771.	16.1	0
112	Making new connections. Nature Reviews Genetics, 2010, 11, 387-387.	7.7	0
113	Keeping up with the leader. Nature Reviews Molecular Cell Biology, 2010, 11, 5-5.	16.1	2
114	Getting to the heart of the matter. Nature Reviews Molecular Cell Biology, 2010, 11, 312-313.	16.1	0
115	Making new connections. Nature Reviews Molecular Cell Biology, 2010, 11, 386-386.	16.1	0
116	From one membrane to another. Nature Reviews Molecular Cell Biology, 2010, 11, 464-464.	16.1	1
117	Kinase ups and downs. Nature Reviews Molecular Cell Biology, 2010, 11, 464-464.	16.1	3
118	A new FAN of the Fanconi anaemia pathway. Nature Reviews Molecular Cell Biology, 2010, 11, 603-603.	16.1	6
119	NRMT organizes methyl transfer. Nature Reviews Molecular Cell Biology, 2010, 11, 605-605.	16.1	1
120	The importance of 'self-eating'. Nature Reviews Molecular Cell Biology, 2010, 11, 681-681.	16.1	0
121	Sensing and controlling protein dynamics. Nature Reviews Molecular Cell Biology, 2010, 11, 681-681.	16.1	1
122	Cycling through acetylation. Nature Reviews Molecular Cell Biology, 2010, 11, 755-755.	16.1	0
123	Keeping minus ends stable. Nature Reviews Molecular Cell Biology, 2010, 11, 816-816.	16.1	1
124	Cilia downsize mTORC1. Nature Reviews Molecular Cell Biology, 2010, 11, 821-821.	16.1	1
125	Sensing second messengers. Nature Cell Biology, 2009, 11, S20-S21.	4.6	1
126	Transforming Growth Factor Î² Can Stimulate Smad1 Phosphorylation Independently of Bone Morphogenic Protein Receptors. Journal of Biological Chemistry, 2009, 284, 9755-9763.	1.6	115

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127	Phospho-control of TGF-Î² superfamily signaling. Cell Research, 2009, 19, 8-20.	5.7	316
128	p53 makes microRNAs mature. Nature Reviews Cancer, 2009, 9, 612-613.	12.8	2
129	Breaking and exiting. Nature Reviews Molecular Cell Biology, 2009, 10, 303-303.	16.1	0
130	JMY: actin up in cell motility. Nature Reviews Molecular Cell Biology, 2009, 10, 304-304.	16.1	6
131	And then there was light. Nature Reviews Molecular Cell Biology, 2009, 10, 814-814.	16.1	0
132	To (TGF)Î² or not to (TGF)Î²: Fine-tuning of Smad signaling via post-translational modifications. Cellular Signalling, 2008, 20, 1579-1591.	1.7	45
133	A New Kid on the TGFÎ² Block: TAZ Controls Smad Nucleocytoplasmic Shuttling. Developmental Cell, 2008, 15, 8-10.	3.1	14
134	Critical regulation of TGFÎ² signaling by Hsp90. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9244-9249.	3.3	112
135	Transforming Growth Factor-Î²-independent Regulation of Myogenesis by SnoN Sumoylation. Journal of Biological Chemistry, 2007, 282, 6517-6524.	1.6	23
136	PPM1A Functions as a Smad Phosphatase to Terminate TGFÎ² Signaling. Cell, 2006, 125, 915-928.	13.5	422
137	Small C-terminal Domain Phosphatases Dephosphorylate the Regulatory Linker Regions of Smad2 and Smad3 to Enhance Transforming Growth Factor-Î² Signaling*. Journal of Biological Chemistry, 2006, 281, 38365-38375.	1.6	90
138	Aberrant p53 alters DNA damage checkpoints in response to cisplatin: Downregulation of CDK expression and activity. International Journal of Cancer, 2004, 112, 760-770.	2.3	9
139	Cell Cycle Regulatory Mechanisms in Head and Neck Squamous Cell Carcinoma. , 2003, , 101-116.		0