Kim Baumann

List of Publications by Year
in descending order

140 papers	1,047 citations	932766 10 h-index	476904 29 g-index
165 all docs	165 docs citations	165 times ranked	1963 citing authors

#	Article	IF	Citations
1	Mending broken hearts with the help of epigenetic remodellers. Nature Reviews Cardiology, 2021, 18, 459-459.	6.1	1
2	Editing proteasome synthesis. Nature Reviews Molecular Cell Biology, 2019, 20, 324-325.	16.1	0
3	On making bones or fat. Nature Reviews Molecular Cell Biology, 2019, 20, 264-265.	16.1	0
4	Guardians of the oocyte methylome. Nature Reviews Molecular Cell Biology, 2019, 20, 2-3.	16.1	3
5	The needless PINK1. Nature Reviews Molecular Cell Biology, 2018, 19, 76-76.	16.1	5
6	Smooth translation to maintain aÂhealthy skin. Nature Reviews Molecular Cell Biology, 2018, 19, 345-345.	16.1	1
7	Kindlin' the fate of mesenchymal stem cells. Nature Reviews Molecular Cell Biology, 2018, 19, 279-279.	16.1	4
8	Translating hypertranscription in embryonic stem cells. Nature Reviews Molecular Cell Biology, 2018, 19, 209-209.	16.1	1
9	Regenerating the skin of a young patient. Nature Reviews Molecular Cell Biology, 2018, 19, 1-1.	16.1	17
10	Lipid droplets from the inside. Nature Reviews Molecular Cell Biology, 2018, 19, 486-487.	16.1	6
11	Rejuvenating senolytics. Nature Reviews Molecular Cell Biology, 2018, 19, 543-543.	16.1	8
12	Not so CRISP(R). Nature Reviews Molecular Cell Biology, 2018, 19, 619-619.	16.1	1
13	A self-made quiescent niche. Nature Reviews Molecular Cell Biology, 2018, 19, 416-417.	16.1	0
14	A key to totipotency. Nature Reviews Molecular Cell Biology, 2017, 18, 137-137.	16.1	4
15	Is fat a key to longevity?. Nature Reviews Molecular Cell Biology, 2017, 18, 341-341.	16.1	0
16	Stem cell-based therapies threatened by the accumulation of p53 mutations. Nature Reviews Molecular Cell Biology, 2017, 18, 403-403.	16.1	1
17	Membrane-to-nucleus signals modulate plant cold tolerance. Nature Reviews Molecular Cell Biology, 2017, 18, 277-277.	16.1	8
18	Counteracting toxic protein aggregation. Nature Reviews Molecular Cell Biology, 2017, 18, 214-214.	16.1	0

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19	Forever young. Nature Reviews Molecular Cell Biology, 2017, 18, 71-71.	16.1	0
20	Senescence and reprogramming go hand-in-hand. Nature Reviews Molecular Cell Biology, 2017, 18, 4-4.	16.1	5
21	A vision of 3D chromatin organization. Nature Reviews Molecular Cell Biology, 2017, 18, 532-532.	16.1	6
22	CRISPRâ€“Cas becoming more human. Nature Reviews Drug Discovery, 2017, 16, 601-601.	21.5	1
23	The Lasker goes to Michael Hall. Nature Reviews Molecular Cell Biology, 2017, 18, 594-594.	16.1	0
24	CRISPRâ€“Cas becoming more human. Nature Reviews Molecular Cell Biology, 2017, 18, 591-591.	16.1	4
25	Colonic organoids for drug testing and colorectal disease modelling. Nature Reviews Molecular Cell Biology, 2017, 18, 467-467.	16.1	5
26	Fat cells promote blood regeneration. Nature Reviews Molecular Cell Biology, 2017, 18, 530-531.	16.1	0
27	The yin and yang of mitochondrial dysfunction. Nature Reviews Molecular Cell Biology, 2016, 17, 331-331.	16.1	5
28	Nuclear envelope ruptures as cells squeeze through tight spaces. Nature Reviews Molecular Cell Biology, 2016, 17, 263-263.	16.1	0
29	Looping smoothens repetitive DNA replication. Nature Reviews Molecular Cell Biology, 2016, 17, 332-332.	16.1	0
30	Nuclear envelope ruptures as cells squeeze through tight spaces. Nature Reviews Cancer, 2016, 16, 273-273.	12.8	1
31	Fascin and 3D nuclear moves. Nature Reviews Molecular Cell Biology, 2016, 17, 608-609.	16.1	2
32	NUP-tial binding to super-enhancers. Nature Reviews Molecular Cell Biology, 2016, 17, 739-739.	16.1	1
33	Eliminating paternal mitochondria. Nature Reviews Molecular Cell Biology, 2016, 17, 464-464.	16.1	4
34	Cyclin' on mRNA. Nature Reviews Molecular Cell Biology, 2016, 17, 677-677.	16.1	9
35	Engineering an artificial niche for cell quiescence. Nature Reviews Molecular Cell Biology, 2016, 17, 398-398.	16.1	1
36	SUMO wrestling to get the timing right. Nature Reviews Molecular Cell Biology, 2016, 17, 134-135.	16.1	0

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37	Complex relationships. Nature Reviews Molecular Cell Biology, 2016, 17, 66-66.	16.1	0
38	Keeping insulin secretion in check. Nature Reviews Molecular Cell Biology, 2016, 17, 3-3.	16.1	1
39	Drivers of nuclear organization. Nature Reviews Molecular Cell Biology, 2015, 16, 67-67.	16.1	1
40	Transcriptionally activating brown fat. Nature Reviews Molecular Cell Biology, 2015, 16, 125-125.	16.1	0
41	Human primordial germ cells in a dish. Nature Reviews Molecular Cell Biology, 2015, 16, 68-68.	16.1	0
42	Changing the spatial pattern ofTFL1expression reveals its key role in the shoot meristem in controllingArabidopsisflowering architecture. Journal of Experimental Botany, 2015, 66, 4769-4780.	2.4	42
43	Limiting the side effects of senescence. Nature Reviews Molecular Cell Biology, 2015, 16, 451-451.	16.1	1
44	Crotonylation versus acetylation. Nature Reviews Molecular Cell Biology, 2015, 16, 265-265.	16.1	18
45	A chromosome's guide to the spindle equator. Nature Reviews Molecular Cell Biology, 2015, 16, 327-327.	16.1	0
46	Switching off WNT with precision. Nature Reviews Molecular Cell Biology, 2015, 16, 204-205.	16.1	1
47	How mTORC1 senses leucine. Nature Reviews Molecular Cell Biology, 2015, 16, 699-699.	16.1	5
48	Competition at the ribosome exit site. Nature Reviews Molecular Cell Biology, 2015, 16, 516-516.	16.1	1
49	Mitophagy receptors unravelled. Nature Reviews Molecular Cell Biology, 2015, 16, 580-580.	16.1	12
50	Multiple routes to pluripotency. Nature Reviews Genetics, 2015, 16, 67-67.	7.7	0
51	Multiple routes to pluripotency. Nature Reviews Molecular Cell Biology, 2015, 16, 1-1.	16.1	9
52	Forming healthy attachments. Nature Reviews Molecular Cell Biology, 2014, 15, 5-5.	16.1	1
53	Reprogramming with low pH. Nature Reviews Molecular Cell Biology, 2014, 15, 149-149.	16.1	1
54	RNAi as a global transcriptional activator. Nature Reviews Molecular Cell Biology, 2014, 15, 299-299.	16.1	3

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55	Lys33-linked ubiquitin in post-Golgi transport. Nature Reviews Molecular Cell Biology, 2014, 15, 365-365.	16.1	5
56	The (methylation) reader. Nature Reviews Molecular Cell Biology, 2014, 15, 3-3.	16.1	1
57	Morphogen gradients revisited. Nature Reviews Molecular Cell Biology, 2014, 15, 75-75.	16.1	3
58	Dispersing Golgi. Nature Reviews Molecular Cell Biology, 2014, 15, 153-153.	16.1	4
59	Enhancers under TET control. Nature Reviews Molecular Cell Biology, 2014, 15, 699-699.	16.1	5
60	Nuclear membrane proteins in check. Nature Reviews Molecular Cell Biology, 2014, 15, 701-701.	16.1	0
61	Insulin-producing Î² cells in a dish. Nature Reviews Molecular Cell Biology, 2014, 15, 768-768.	16.1	1
62	RIPK1 protects epithelial cells. Nature Reviews Molecular Cell Biology, 2014, 15, 629-629.	16.1	0
63	Keeping your cell identity. Nature Reviews Molecular Cell Biology, 2014, 15, 296-297.	16.1	1
64	Ovary surface stem cells repair ovulatory wounds. Nature Reviews Molecular Cell Biology, 2014, 15, 497-497.	16.1	1
65	Keeping alert. Nature Reviews Molecular Cell Biology, 2014, 15, 429-429.	16.1	0
66	Moving out of the niche. Nature Reviews Molecular Cell Biology, 2014, 15, 79-79.	16.1	7
67	Auxin signalling: ABP1 finds its pair. Nature Reviews Molecular Cell Biology, 2014, 15, 221-221.	16.1	1
68	How the proteasome adapts to stress. Nature Reviews Molecular Cell Biology, 2014, 15, 562-563.	16.1	5
69	ATR senses mechanical stress. Nature Reviews Molecular Cell Biology, 2014, 15, 559-559.	16.1	2
70	Mechanical forces linked to organ growth. Nature Reviews Molecular Cell Biology, 2014, 15, 501-501.	16.1	2
71	Tailored splicing patterns. Nature Reviews Molecular Cell Biology, 2013, 14, 465-465.	16.1	1
72	Heads or tails. Nature Reviews Molecular Cell Biology, 2013, 14, 543-543.	16.1	0

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73	Getting to the centre. Nature Reviews Molecular Cell Biology, 2013, 14, 545-545.	16.1	0
74	Nobel traffic alert. Nature Reviews Molecular Cell Biology, 2013, 14, 689-689.	16.1	0
75	RNA granules: the clock within. Nature Reviews Molecular Cell Biology, 2013, 14, 689-689.	16.1	1
76	A WNT switch to ageing. Nature Reviews Molecular Cell Biology, 2013, 14, 752-753.	16.1	3
77	No limits to iPS cells?. Nature Reviews Molecular Cell Biology, 2013, 14, 611-611.	16.1	1
78	Architectural cohesin. Nature Reviews Molecular Cell Biology, 2013, 14, 607-607.	16.1	1
79	A metabolic switch. Nature Reviews Molecular Cell Biology, 2013, 14, 65-65.	16.1	9
80	Getting the architecture right. Nature Reviews Molecular Cell Biology, 2013, 14, 2-3.	16.1	1
81	Growing a blood vessel network. Nature Reviews Molecular Cell Biology, 2013, 14, 127-127.	16.1	9
82	Mobile miRNAs for stem cell maintenance. Nature Reviews Molecular Cell Biology, 2013, 14, 129-129.	16.1	7
83	Intestinal stem cell reserves. Nature Reviews Molecular Cell Biology, 2013, 14, 193-193.	16.1	1
84	TFIID promotes pluripotency. Nature Reviews Molecular Cell Biology, 2013, 14, 264-265.	16.1	1
85	Quality and quantity. Nature Reviews Molecular Cell Biology, 2013, 14, 266-267.	16.1	1
86	Resizing the guts. Nature Reviews Molecular Cell Biology, 2013, 14, 4-4.	16.1	0
87	A gated exit from pluripotency. Nature Reviews Molecular Cell Biology, 2013, 14, 324-325.	16.1	3
88	Centralspindlin â€" the missing link. Nature Reviews Molecular Cell Biology, 2013, 14, 68-68.	16.1	1
89	Breaking linear chains. Nature Reviews Molecular Cell Biology, 2013, 14, 403-403.	16.1	0
90	Extracellular bonds. Nature Reviews Molecular Cell Biology, 2013, 14, 404-404.	16.1	10

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91	The roots of quiescence. Nature Reviews Molecular Cell Biology, 2013, 14, 754-754.	16.1	1
92	Cyclin A corrections. Nature Reviews Molecular Cell Biology, 2013, 14, 692-692.	16.1	2
93	Keeping centromeric identity. Nature Reviews Molecular Cell Biology, 2012, 13, 341-341.	16.1	2
94	Protecting a healthy circulation. Nature Reviews Molecular Cell Biology, 2012, 13, 137-137.	16.1	3
95	Seeing ubiquitin chains. Nature Reviews Molecular Cell Biology, 2012, 13, 540-541.	16.1	0
96	A gradual transition. Nature Reviews Molecular Cell Biology, 2012, 13, 542-542.	16.1	0
97	FAK or talin: who goes first?. Nature Reviews Molecular Cell Biology, 2012, 13, 139-139.	16.1	11
98	Making fat. Nature Reviews Molecular Cell Biology, 2012, 13, 63-63.	16.1	0
99	Finding space in the APC/C. Nature Reviews Molecular Cell Biology, 2012, 13, 210-211.	16.1	1
100	Knowing left from right. Nature Reviews Molecular Cell Biology, 2012, 13, 683-683.	16.1	0
101	Hierarchy in the population. Nature Reviews Molecular Cell Biology, 2012, 13, 605-605.	16.1	0
102	Self-help in the niche. Nature Reviews Molecular Cell Biology, 2012, 13, 61-61.	16.1	2
103	Order in the pericentriolar material. Nature Reviews Molecular Cell Biology, 2012, 13, 749-749.	16.1	4
104	A longer 'tail' of repression. Nature Reviews Molecular Cell Biology, 2012, 13, 409-409.	16.1	0
105	A matter of inheritance. Nature Reviews Molecular Cell Biology, 2012, 13, 751-751.	16.1	1
106	Holding tight onto the niche. Nature Reviews Molecular Cell Biology, 2012, 13, 279-279.	16.1	1
107	Maintaining centrosome copy number. Nature Reviews Molecular Cell Biology, 2012, 13, 542-542.	16.1	2
108	An ageing decline. Nature Reviews Molecular Cell Biology, 2012, 13, 681-681.	16.1	2

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109	Clathrin helps centrosomes come of age. Nature Reviews Molecular Cell Biology, 2012, 13, 606-606.	16.1	0
110	Stop refilling (Ca2+ stores). Nature Reviews Molecular Cell Biology, 2012, 13, 277-277.	16.1	1
111	Multitasking p53 promotes necrosis. Nature Reviews Molecular Cell Biology, 2012, 13, 480-481.	16.1	24
112	Switching to 3D. Nature Reviews Molecular Cell Biology, 2012, 13, 339-339.	16.1	2
113	Transmitting silence through generations. Nature Reviews Molecular Cell Biology, 2012, 13, 477-477.	16.1	2
114	Sequestration at the IPOD stops division. Nature Reviews Molecular Cell Biology, 2012, 13, 338-339.	16.1	3
115	Stem cells follow the clock. Nature Reviews Molecular Cell Biology, 2012, 13, 5-5.	16.1	0
116	Easing access to the nanoscale. Nature Reviews Molecular Cell Biology, 2012, 13, 6-6.	16.1	1
117	The division belt. Nature Reviews Molecular Cell Biology, 2011, 12, 622-622.	16.1	1
118	Inheritance for pluripotency. Nature Reviews Molecular Cell Biology, 2011, 12, 691-691.	16.1	2
119	A midlife crisis for sirtuins. Nature Reviews Molecular Cell Biology, 2011, 12, 688-688.	16.1	1
120	Having the guts to grow. Nature Reviews Molecular Cell Biology, 2011, 12, 769-769.	16.1	1
121	Sensing oxygen. Nature Reviews Molecular Cell Biology, 2011, 12, 770-770.	16.1	1
122	Holding onto the memories. Nature Reviews Genetics, 2010, 11, 593-593.	7.7	2
123	ABA's greatest hits. Nature Reviews Molecular Cell Biology, 2010, 11, 2-2.	16.1	4
124	Tension at the borders. Nature Reviews Molecular Cell Biology, 2010, 11, 4-5.	16.1	0
125	Going with the flow. Nature Reviews Molecular Cell Biology, 2010, 11, 313-313.	16.1	3
126	Fusing for stability. Nature Reviews Molecular Cell Biology, 2010, 11, 391-391.	16.1	6

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127	Activities of a mitotic master. Nature Reviews Molecular Cell Biology, 2010, 11, 389-389.	16.1	4
128	Remodelling for pluripotency. Nature Reviews Molecular Cell Biology, 2010, 11, 540-541.	16.1	1
129	Holding on to the memories. Nature Reviews Molecular Cell Biology, 2010, 11, 601-601.	16.1	3
130	Achieving pluripotency. Nature Reviews Molecular Cell Biology, 2010, 11, 677-677.	16.1	2
131	Environment dictates behaviour. Nature Reviews Molecular Cell Biology, 2010, 11, 679-679.	16.1	3
132	Time for trimming. Nature Reviews Molecular Cell Biology, 2010, 11, 754-755.	16.1	2
133	Dividing with symmetry. Nature Reviews Molecular Cell Biology, 2010, 11, 752-752.	16.1	4
134	To die for. Nature Reviews Molecular Cell Biology, 2009, 10, 815-815.	16.1	0
135	Cohesin on the fork. Nature Reviews Molecular Cell Biology, 2009, 10, 814-814.	16.1	0
136	TECHNICAL ADVANCE: Induction of phenotypic variation by activation of genes harbouring a maize Spm element in their promoter regions using a TnpAâ€“VP16 fusion protein. Plant Journal, 2008, 53, 587-594.	2.8	1
137	Control of cell and petal morphogenesis by R2R3 MYB transcription factors. Development (Cambridge), 2007, 134, 1691-1701.	1.2	230
138	The mechanics of cell fate determination in petals. Philosophical Transactions of the Royal Society B: Biological Sciences, 2002, 357, 809-813.	1.8	67
139	Shaping in plant cells. Current Opinion in Plant Biology, 2001, 4, 540-549.	3.5	118
140	The DNA Binding Site of the Dof Protein NtBBF1 Is Essential for Tissue-Specific and Auxin-Regulated Expression of the rolB Oncogene in Plants. Plant Cell, 1999, 11, 323-333.	3.1	201