

Kim Baumann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/618/publications.pdf>

Version: 2024-02-01

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	Control of cell and petal morphogenesis by R2R3 MYB transcription factors. <i>Development</i> (Cambridge), 2007, 134, 1691-1701.	1.2	230
2	The DNA Binding Site of the Dof Protein NtBBF1 Is Essential for Tissue-Specific and Auxin-Regulated Expression of the rolB Oncogene in Plants. <i>Plant Cell</i> , 1999, 11, 323-333.	3.1	201
3	Shaping in plant cells. <i>Current Opinion in Plant Biology</i> , 2001, 4, 540-549.	3.5	118
4	The mechanics of cell fate determination in petals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2002, 357, 809-813.	1.8	67
5	Changing the spatial pattern of <i>TFL1</i> expression reveals its key role in the shoot meristem in controlling <i>Arabidopsis</i> flowering architecture. <i>Journal of Experimental Botany</i> , 2015, 66, 4769-4780.	2.4	42
6	Multitasking p53 promotes necrosis. <i>Nature Reviews Molecular Cell Biology</i> , 2012, 13, 480-481.	16.1	24
7	Crotonylation versus acetylation. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 265-265.	16.1	18
8	Regenerating the skin of a young patient. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 1-1.	16.1	17
9	Mitophagy receptors unravelled. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 580-580.	16.1	12
10	FAK or talin: who goes first?. <i>Nature Reviews Molecular Cell Biology</i> , 2012, 13, 139-139.	16.1	11
11	Extracellular bonds. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 404-404.	16.1	10
12	A metabolic switch. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 65-65.	16.1	9
13	Growing a blood vessel network. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 127-127.	16.1	9
14	Multiple routes to pluripotency. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 1-1.	16.1	9
15	Cyclin' on mRNA. <i>Nature Reviews Molecular Cell Biology</i> , 2016, 17, 677-677.	16.1	9
16	Membrane-to-nucleus signals modulate plant cold tolerance. <i>Nature Reviews Molecular Cell Biology</i> , 2017, 18, 277-277.	16.1	8
17	Rejuvenating senolytics. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 543-543.	16.1	8
18	Mobile miRNAs for stem cell maintenance. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 129-129.	16.1	7

#	ARTICLE	IF	CITATIONS
19	Moving out of the niche. Nature Reviews Molecular Cell Biology, 2014, 15, 79-79.	16.1	7
20	Fusing for stability. Nature Reviews Molecular Cell Biology, 2010, 11, 391-391.	16.1	6
21	A vision of 3D chromatin organization. Nature Reviews Molecular Cell Biology, 2017, 18, 532-532.	16.1	6
22	Lipid droplets from the inside. Nature Reviews Molecular Cell Biology, 2018, 19, 486-487.	16.1	6
23	Lys33-linked ubiquitin in post-Golgi transport. Nature Reviews Molecular Cell Biology, 2014, 15, 365-365.	16.1	5
24	Enhancers under TET control. Nature Reviews Molecular Cell Biology, 2014, 15, 699-699.	16.1	5
25	How the proteasome adapts to stress. Nature Reviews Molecular Cell Biology, 2014, 15, 562-563.	16.1	5
26	How mTORC1 senses leucine. Nature Reviews Molecular Cell Biology, 2015, 16, 699-699.	16.1	5
27	The yin and yang of mitochondrial dysfunction. Nature Reviews Molecular Cell Biology, 2016, 17, 331-331.	16.1	5
28	Senescence and reprogramming go hand-in-hand. Nature Reviews Molecular Cell Biology, 2017, 18, 4-4.	16.1	5
29	Colonic organoids for drug testing and colorectal disease modelling. Nature Reviews Molecular Cell Biology, 2017, 18, 467-467.	16.1	5
30	The needless PINK1. Nature Reviews Molecular Cell Biology, 2018, 19, 76-76.	16.1	5
31	ABA's greatest hits. Nature Reviews Molecular Cell Biology, 2010, 11, 2-2.	16.1	4
32	Activities of a mitotic master. Nature Reviews Molecular Cell Biology, 2010, 11, 389-389.	16.1	4
33	Dividing with symmetry. Nature Reviews Molecular Cell Biology, 2010, 11, 752-752.	16.1	4
34	Order in the pericentriolar material. Nature Reviews Molecular Cell Biology, 2012, 13, 749-749.	16.1	4
35	Dispersing Golgi. Nature Reviews Molecular Cell Biology, 2014, 15, 153-153.	16.1	4
36	Eliminating paternal mitochondria. Nature Reviews Molecular Cell Biology, 2016, 17, 464-464.	16.1	4

#	ARTICLE	IF	CITATIONS
37	A key to totipotency. Nature Reviews Molecular Cell Biology, 2017, 18, 137-137.	16.1	4
38	CRISPR-Cas becoming more human. Nature Reviews Molecular Cell Biology, 2017, 18, 591-591.	16.1	4
39	Kindlin' the fate of mesenchymal stem cells. Nature Reviews Molecular Cell Biology, 2018, 19, 279-279.	16.1	4
40	Going with the flow. Nature Reviews Molecular Cell Biology, 2010, 11, 313-313.	16.1	3
41	Holding on to the memories. Nature Reviews Molecular Cell Biology, 2010, 11, 601-601.	16.1	3
42	Environment dictates behaviour. Nature Reviews Molecular Cell Biology, 2010, 11, 679-679.	16.1	3
43	Protecting a healthy circulation. Nature Reviews Molecular Cell Biology, 2012, 13, 137-137.	16.1	3
44	Sequestration at the IPOD stops division. Nature Reviews Molecular Cell Biology, 2012, 13, 338-339.	16.1	3
45	A WNT switch to ageing. Nature Reviews Molecular Cell Biology, 2013, 14, 752-753.	16.1	3
46	A gated exit from pluripotency. Nature Reviews Molecular Cell Biology, 2013, 14, 324-325.	16.1	3
47	RNAi as a global transcriptional activator. Nature Reviews Molecular Cell Biology, 2014, 15, 299-299.	16.1	3
48	Morphogen gradients revisited. Nature Reviews Molecular Cell Biology, 2014, 15, 75-75.	16.1	3
49	Guardians of the oocyte methylome. Nature Reviews Molecular Cell Biology, 2019, 20, 2-3.	16.1	3
50	Holding onto the memories. Nature Reviews Genetics, 2010, 11, 593-593.	7.7	2
51	Achieving pluripotency. Nature Reviews Molecular Cell Biology, 2010, 11, 677-677.	16.1	2
52	Time for trimming. Nature Reviews Molecular Cell Biology, 2010, 11, 754-755.	16.1	2
53	Inheritance for pluripotency. Nature Reviews Molecular Cell Biology, 2011, 12, 691-691.	16.1	2
54	Keeping centromeric identity. Nature Reviews Molecular Cell Biology, 2012, 13, 341-341.	16.1	2

#	ARTICLE	IF	CITATIONS
55	Self-help in the niche. Nature Reviews Molecular Cell Biology, 2012, 13, 61-61.	16.1	2
56	Maintaining centrosome copy number. Nature Reviews Molecular Cell Biology, 2012, 13, 542-542.	16.1	2
57	An ageing decline. Nature Reviews Molecular Cell Biology, 2012, 13, 681-681.	16.1	2
58	Switching to 3D. Nature Reviews Molecular Cell Biology, 2012, 13, 339-339.	16.1	2
59	Transmitting silence through generations. Nature Reviews Molecular Cell Biology, 2012, 13, 477-477.	16.1	2
60	Cyclin A corrections. Nature Reviews Molecular Cell Biology, 2013, 14, 692-692.	16.1	2
61	ATR senses mechanical stress. Nature Reviews Molecular Cell Biology, 2014, 15, 559-559.	16.1	2
62	Mechanical forces linked to organ growth. Nature Reviews Molecular Cell Biology, 2014, 15, 501-501.	16.1	2
63	Fascin and 3D nuclear moves. Nature Reviews Molecular Cell Biology, 2016, 17, 608-609.	16.1	2
64	TECHNICAL ADVANCE: Induction of phenotypic variation by activation of genes harbouring a maize <i>Spm</i> element in their promoter regions using a TnpA-VP16 fusion protein. Plant Journal, 2008, 53, 587-594.	2.8	1
65	Remodelling for pluripotency. Nature Reviews Molecular Cell Biology, 2010, 11, 540-541.	16.1	1
66	The division belt. Nature Reviews Molecular Cell Biology, 2011, 12, 622-622.	16.1	1
67	A midlife crisis for sirtuins. Nature Reviews Molecular Cell Biology, 2011, 12, 688-688.	16.1	1
68	Having the guts to grow. Nature Reviews Molecular Cell Biology, 2011, 12, 769-769.	16.1	1
69	Sensing oxygen. Nature Reviews Molecular Cell Biology, 2011, 12, 770-770.	16.1	1
70	Finding space in the APC/C. Nature Reviews Molecular Cell Biology, 2012, 13, 210-211.	16.1	1
71	A matter of inheritance. Nature Reviews Molecular Cell Biology, 2012, 13, 751-751.	16.1	1
72	Holding tight onto the niche. Nature Reviews Molecular Cell Biology, 2012, 13, 279-279.	16.1	1

#	ARTICLE	IF	CITATIONS
73	Stop refilling (Ca ²⁺ stores). Nature Reviews Molecular Cell Biology, 2012, 13, 277-277.	16.1	1
74	Easing access to the nanoscale. Nature Reviews Molecular Cell Biology, 2012, 13, 6-6.	16.1	1
75	Tailored splicing patterns. Nature Reviews Molecular Cell Biology, 2013, 14, 465-465.	16.1	1
76	RNA granules: the clock within. Nature Reviews Molecular Cell Biology, 2013, 14, 689-689.	16.1	1
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	Getting the architecture right. Nature Reviews Molecular Cell Biology, 2013, 14, 2-3.	16.1	1
80	Intestinal stem cell reserves. Nature Reviews Molecular Cell Biology, 2013, 14, 193-193.	16.1	1
81	TFIID promotes pluripotency. Nature Reviews Molecular Cell Biology, 2013, 14, 264-265.	16.1	1
82	Quality and quantity. Nature Reviews Molecular Cell Biology, 2013, 14, 266-267.	16.1	1
83	Centralspindlin – the missing link. Nature Reviews Molecular Cell Biology, 2013, 14, 68-68.	16.1	1
84	The roots of quiescence. Nature Reviews Molecular Cell Biology, 2013, 14, 754-754.	16.1	1
85	Forming healthy attachments. Nature Reviews Molecular Cell Biology, 2014, 15, 5-5.	16.1	1
86	Reprogramming with low pH. Nature Reviews Molecular Cell Biology, 2014, 15, 149-149.	16.1	1
87	The (methylation) reader. Nature Reviews Molecular Cell Biology, 2014, 15, 3-3.	16.1	1
88	Insulin-producing β^2 cells in a dish. Nature Reviews Molecular Cell Biology, 2014, 15, 768-768.	16.1	1
89	Keeping your cell identity. Nature Reviews Molecular Cell Biology, 2014, 15, 296-297.	16.1	1
90	Ovary surface stem cells repair ovulatory wounds. Nature Reviews Molecular Cell Biology, 2014, 15, 497-497.	16.1	1

#	ARTICLE	IF	CITATIONS
91	Auxin signalling: ABP1 finds its pair. <i>Nature Reviews Molecular Cell Biology</i> , 2014, 15, 221-221.	16.1	1
92	Drivers of nuclear organization. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 67-67.	16.1	1
93	Limiting the side effects of senescence. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 451-451.	16.1	1
94	Switching off WNT with precision. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 204-205.	16.1	1
95	Competition at the ribosome exit site. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 516-516.	16.1	1
96	Nuclear envelope ruptures as cells squeeze through tight spaces. <i>Nature Reviews Cancer</i> , 2016, 16, 273-273.	12.8	1
97	NUP-tial binding to super-enhancers. <i>Nature Reviews Molecular Cell Biology</i> , 2016, 17, 739-739.	16.1	1
98	Engineering an artificial niche for cell quiescence. <i>Nature Reviews Molecular Cell Biology</i> , 2016, 17, 398-398.	16.1	1
99	Keeping insulin secretion in check. <i>Nature Reviews Molecular Cell Biology</i> , 2016, 17, 3-3.	16.1	1
100	Stem cell-based therapies threatened by the accumulation of p53 mutations. <i>Nature Reviews Molecular Cell Biology</i> , 2017, 18, 403-403.	16.1	1
101	CRISPRâ€™Cas becoming more human. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 601-601.	21.5	1
102	Smooth translation to maintain aâ€™healthy skin. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 345-345.	16.1	1
103	Translating hypertranscription in embryonic stem cells. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 209-209.	16.1	1
104	Not so CRISP(R). <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 619-619.	16.1	1
105	Mending broken hearts with the help of epigenetic remodellers. <i>Nature Reviews Cardiology</i> , 2021, 18, 459-459.	6.1	1
106	To die for. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 815-815.	16.1	0
107	Cohesin on the fork. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 814-814.	16.1	0
108	Tension at the borders. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 4-5.	16.1	0

#	ARTICLE	IF	CITATIONS
109	Seeing ubiquitin chains. Nature Reviews Molecular Cell Biology, 2012, 13, 540-541.	16.1	0
110	A gradual transition. Nature Reviews Molecular Cell Biology, 2012, 13, 542-542.	16.1	0
111	Making fat. Nature Reviews Molecular Cell Biology, 2012, 13, 63-63.	16.1	0
112	Knowing left from right. Nature Reviews Molecular Cell Biology, 2012, 13, 683-683.	16.1	0
113	Hierarchy in the population. Nature Reviews Molecular Cell Biology, 2012, 13, 605-605.	16.1	0
114	A longer 'tail' of repression. Nature Reviews Molecular Cell Biology, 2012, 13, 409-409.	16.1	0
115	Clathrin helps centrosomes come of age. Nature Reviews Molecular Cell Biology, 2012, 13, 606-606.	16.1	0
116	Stem cells follow the clock. Nature Reviews Molecular Cell Biology, 2012, 13, 5-5.	16.1	0
117	Heads or tails. Nature Reviews Molecular Cell Biology, 2013, 14, 543-543.	16.1	0
118	Getting to the centre. Nature Reviews Molecular Cell Biology, 2013, 14, 545-545.	16.1	0
119	Nobel traffic alert. Nature Reviews Molecular Cell Biology, 2013, 14, 689-689.	16.1	0
120	Resizing the guts. Nature Reviews Molecular Cell Biology, 2013, 14, 4-4.	16.1	0
121	Breaking linear chains. Nature Reviews Molecular Cell Biology, 2013, 14, 403-403.	16.1	0
122	Nuclear membrane proteins in check. Nature Reviews Molecular Cell Biology, 2014, 15, 701-701.	16.1	0
123	RIPK1 protects epithelial cells. Nature Reviews Molecular Cell Biology, 2014, 15, 629-629.	16.1	0
124	Keeping alert. Nature Reviews Molecular Cell Biology, 2014, 15, 429-429.	16.1	0
125	Transcriptionally activating brown fat. Nature Reviews Molecular Cell Biology, 2015, 16, 125-125.	16.1	0
126	Human primordial germ cells in a dish. Nature Reviews Molecular Cell Biology, 2015, 16, 68-68.	16.1	0

#	ARTICLE	IF	CITATIONS
127	A chromosome's guide to the spindle equator. Nature Reviews Molecular Cell Biology, 2015, 16, 327-327.	16.1	0
128	Multiple routes to pluripotency. Nature Reviews Genetics, 2015, 16, 67-67.	7.7	0
129	Nuclear envelope ruptures as cells squeeze through tight spaces. Nature Reviews Molecular Cell Biology, 2016, 17, 263-263.	16.1	0
130	Looping smoothens repetitive DNA replication. Nature Reviews Molecular Cell Biology, 2016, 17, 332-332.	16.1	0
131	SUMO wrestling to get the timing right. Nature Reviews Molecular Cell Biology, 2016, 17, 134-135.	16.1	0
132	Complex relationships. Nature Reviews Molecular Cell Biology, 2016, 17, 66-66.	16.1	0
133	Is fat a key to longevity?. Nature Reviews Molecular Cell Biology, 2017, 18, 341-341.	16.1	0
134	Counteracting toxic protein aggregation. Nature Reviews Molecular Cell Biology, 2017, 18, 214-214.	16.1	0
135	Forever young. Nature Reviews Molecular Cell Biology, 2017, 18, 71-71.	16.1	0
136	The Lasker goes to Michael Hall. Nature Reviews Molecular Cell Biology, 2017, 18, 594-594.	16.1	0
137	A self-made quiescent niche. Nature Reviews Molecular Cell Biology, 2018, 19, 416-417.	16.1	0
138	Editing proteasome synthesis. Nature Reviews Molecular Cell Biology, 2019, 20, 324-325.	16.1	0
139	On making bones or fat. Nature Reviews Molecular Cell Biology, 2019, 20, 264-265.	16.1	0
140	Fat cells promote blood regeneration. Nature Reviews Molecular Cell Biology, 2017, 18, 530-531.	16.1	0