

Ralf Dahm

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73
papers

3,782
citations

28
h-index

61
g-index

83
ext. papers

4,144
ext. citations

6.5
avg, IF

5.27
L-index

#	Paper	IF	Citations
73	How research institutions can foster innovation. <i>BioEssays</i> , 2021 , 43, e2100107	4.1	1
72	Historic nucleic acids isolated by Friedrich Miescher contain RNA besides DNA. <i>Biological Chemistry</i> , 2021 , 402, 1179-1185	4.5	1
71	Die Schlossküche, in der die DNA entdeckt wurde. <i>Biologie in Unserer Zeit</i> , 2020 , 50, 289-290	0.1	1
70	How We Forgot Who Discovered DNA: Why It Matters How You Communicate Your Results. <i>BioEssays</i> , 2019 , 41, e1900029	4.1	3
69	Interdisciplinary Communication Needs to Become a Core Scientific Skill. <i>BioEssays</i> , 2019 , 41, e1900101	4.1	9
68	Warum wir altern. <i>Biologie in Unserer Zeit</i> , 2019 , 49, 376-377	0.1	
67	F. Mieschers Entdeckung der DNA – unbekannter Meilenstein der Biochemie. <i>BioSpektrum</i> , 2019 , 25, 793-794	0.1	
66	Logik des Lebens. <i>Biologie in Unserer Zeit</i> , 2018 , 48, 71-71	0.1	
65	Grundlagen der Epigenetik 2018 , 1-23		
64	Living autobiographically: Concepts of aging and artistic expression in painting and modern dance. <i>Journal of Aging Studies</i> , 2017 , 40, 8-15	2.2	2
63	Transfection of Cultured Primary Neurons. <i>Neuromethods</i> , 2017 , 55-78	0.4	
62	Formulieren zum Finanzieren. <i>Biologie in Unserer Zeit</i> , 2017 , 47, 335-335	0.1	
61	Prinzipien guter Vorträge. <i>Biologie in Unserer Zeit</i> , 2015 , 45, 263-263	0.1	
60	Evolution of the vertebrate beaded filament protein, Bfsp2; comparing the in vitro assembly properties of a "tailed" zebrafish Bfsp2 to its "tailless" human orthologue. <i>Experimental Eye Research</i> , 2012 , 94, 192-202	3.7	4
59	Investigating the genetics of visual processing, function and behaviour in zebrafish. <i>Neurogenetics</i> , 2011 , 12, 97-116	3	18
58	Methods for Assessing Embryonic and Larval Growth in Fish 2011 , 373-402		2
57	Homeostasis in the vertebrate lens: mechanisms of solute exchange. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011 , 366, 1265-77	5.8	39

56	From discovering to understanding. Friedrich Miescher's attempts to uncover the function of DNA. <i>EMBO Reports</i> , 2010 , 11, 153-60	6.5	19
55	A slip in the date of DNA's discovery. <i>Nature</i> , 2010 , 468, 897	50.4	4
54	The zebrafish mutant bumper shows a hyperproliferation of lens epithelial cells and fibre cell degeneration leading to functional blindness. <i>Mechanisms of Development</i> , 2010 , 127, 203-19	1.7	13
53	Transfection techniques for neuronal cells. <i>Journal of Neuroscience</i> , 2010 , 30, 6171-7	6.6	139
52	Das Schloßbor in der Küche von Hohentübingen: Wiege der Biochemie. Von Peter Bohley. <i>Biologie in Unserer Zeit</i> , 2010 , 40, 132-132	0.1	
51	High-efficiency transfection of short hairpin RNAs-encoding plasmids into primary hippocampal neurons. <i>Journal of Neuroscience Research</i> , 2009 , 87, 289-300	4.4	16
50	Transfection of cultured primary neurons via nucleofection. <i>Current Protocols in Neuroscience</i> , 2009 , Chapter 4, Unit4.32	2.7	20
49	GTRAP3-18 serves as a negative regulator of Rab1 in protein transport and neuronal differentiation. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 114-24	5.6	31
48	Functions of the intermediate filament cytoskeleton in the eye lens. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1837-48	15.9	113
47	montalcino, A zebrafish model for variegate porphyria. <i>Experimental Hematology</i> , 2008 , 36, 1132-42	3.1	32
46	The zebrafish mutant lbk/vam6 resembles human multisystemic disorders caused by aberrant trafficking of endosomal vesicles. <i>Development (Cambridge)</i> , 2008 , 135, 387-99	6.6	43
45	Dynamic interaction between P-bodies and transport ribonucleoprotein particles in dendrites of mature hippocampal neurons. <i>Journal of Neuroscience</i> , 2008 , 28, 7555-62	6.6	112
44	Perplexing bodies: The putative roles of P-bodies in neurons. <i>RNA Biology</i> , 2008 , 5, 244-8	4.8	21
43	Subfunctionalization of duplicated zebrafish pax6 genes by cis-regulatory divergence. <i>PLoS Genetics</i> , 2008 , 4, e29	6	123
42	Visualizing mRNA localization and local protein translation in neurons. <i>Methods in Cell Biology</i> , 2008 , 85, 293-327	1.8	20
41	Discovering DNA: Friedrich Miescher and the early years of nucleic acid research. <i>Human Genetics</i> , 2008 , 122, 565-81	6.3	148
40	Formation of stromal collagen fibrils and proteoglycans in the developing zebrafish cornea. <i>Acta Ophthalmologica</i> , 2008 , 86, 655-65	3.7	12
39	The First Discovery of DNA. <i>American Scientist</i> , 2008 , 96, 320	2.7	6

38	Alois Alzheimer beschreibt eine rätselhafte Krankheit. <i>Biologie in Unserer Zeit</i> , 2007 , 37, 65-66	0.1	
37	High-efficiency transfection of mammalian neurons via nucleofection. <i>Nature Protocols</i> , 2007 , 2, 1692-704	4.8	99
36	Large-scale mapping of mutations affecting zebrafish development. <i>BMC Genomics</i> , 2007 , 8, 11	4.5	52
35	The GTP-binding protein Septin 7 is critical for dendrite branching and dendritic-spine morphology. <i>Current Biology</i> , 2007 , 17, 1746-51	6.3	189
34	Transition from enhanced T cell infiltration to inflammation in the myelin-degenerative central nervous system. <i>Neurobiology of Disease</i> , 2007 , 28, 261-75	7.5	5
33	Human pathologies associated with defective RNA transport and localization in the nervous system. <i>Biology of the Cell</i> , 2007 , 99, 649-61	3.5	12
32	RNA localisation in the nervous system. <i>Seminars in Cell and Developmental Biology</i> , 2007 , 18, 216-23	7.5	45
31	Development and adult morphology of the eye lens in the zebrafish. <i>Experimental Eye Research</i> , 2007 , 85, 74-89	3.7	76
30	Reorganization of centrosomal marker proteins coincides with epithelial cell differentiation in the vertebrate lens. <i>Experimental Eye Research</i> , 2007 , 85, 696-713	3.7	11
29	Alzheimer's discovery. <i>Current Biology</i> , 2006 , 16, R906-10	6.3	28
28	Dendritic localization of the translational repressor Pumilio 2 and its contribution to dendritic stress granules. <i>Journal of Neuroscience</i> , 2006 , 26, 6496-508	6.6	144
27	Zebrafish (<i>Danio rerio</i>) Genome and Genetics 2006 ,		5
26	Learning from small fry: the zebrafish as a genetic model organism for aquaculture fish species. <i>Marine Biotechnology</i> , 2006 , 8, 329-45	3.4	147
25	The Zebrafish Exposed. <i>American Scientist</i> , 2006 , 94, 446	2.7	6
24	Integrin α 5 and delta/notch signaling have complementary spatiotemporal requirements during zebrafish somitogenesis. <i>Developmental Cell</i> , 2005 , 8, 575-86	10.2	125
23	Friedrich Miescher and the discovery of DNA. <i>Developmental Biology</i> , 2005 , 278, 274-88	3.1	142
22	Mutations that affect the survival of selected amacrine cell subpopulations define a new class of genetic defects in the vertebrate retina. <i>Developmental Biology</i> , 2005 , 285, 138-55	3.1	22
21	beamter/deltaC and the role of Notch ligands in the zebrafish somite segmentation, hindbrain neurogenesis and hypochord differentiation. <i>Developmental Biology</i> , 2005 , 286, 391-404	3.1	127

20	chokh/rx3 specifies the retinal pigment epithelium fate independently of eye morphogenesis. <i>Developmental Biology</i> , 2005 , 288, 348-62	3.1	37
19	Deficiency of glutaredoxin 5 reveals Fe-S clusters are required for vertebrate haem synthesis. <i>Nature</i> , 2005 , 436, 1035-39	50.4	307
18	A putative nuclear function for mammalian Staufen. <i>Trends in Biochemical Sciences</i> , 2005 , 30, 228-31	10.3	23
17	The intermediate filament systems in the eye lens. <i>Methods in Cell Biology</i> , 2004 , 78, 597-624	1.8	19
16	Dying to see. <i>Scientific American</i> , 2004 , 291, 82-9	0.5	12
15	Mutations in cadherin 23 affect tip links in zebrafish sensory hair cells. <i>Nature</i> , 2004 , 428, 955-9	50.4	273
14	The zebrafish as a model organism for eye development. <i>Ophthalmic Research</i> , 2004 , 36, 4-24	2.9	73
13	Identification of a novel intercellular structure in late-stage differentiating lens cells. <i>Ophthalmic Research</i> , 2003 , 35, 2-7	2.9	3
12	Developmental aspects of galectin-3 expression in the lens. <i>Histochemistry and Cell Biology</i> , 2003 , 119, 219-26	2.4	10
11	Zwischen glasklar und grauem Star: Augenlinse. <i>Biologie in Unserer Zeit</i> , 2003 , 33, 366-374	0.1	
10	Johann Friedrich Miescher. <i>Biologie in Unserer Zeit</i> , 2003 , 33, 202-202	0.1	
9	A zebrafish homologue of the chemokine receptor Cxcr4 is a germ-cell guidance receptor. <i>Nature</i> , 2003 , 421, 279-82	50.4	347
8	Association of the nuclear matrix component NuMA with the Cajal body and nuclear speckle compartments during transitions in transcriptional activity in lens cell differentiation. <i>European Journal of Cell Biology</i> , 2002 , 81, 557-66	6.1	23
7	Analysis of a zebrafish VEGF receptor mutant reveals specific disruption of angiogenesis. <i>Current Biology</i> , 2002 , 12, 1405-12	6.3	181
6	Morphological changes and nuclear pore clustering during nuclear degradation in differentiating bovine lens fibre cells. <i>Ophthalmic Research</i> , 2002 , 34, 288-94	2.9	11
5	Lens fibre cell differentiation - A link with apoptosis?. <i>Ophthalmic Research</i> , 1999 , 31, 163-83	2.9	96
4	Gap junctions containing alpha8-connexin (MP70) in the adult mammalian lens epithelium suggests a re-evaluation of its role in the lens. <i>Experimental Eye Research</i> , 1999 , 69, 45-56	3.7	52
3	Changes in the nucleolar and coiled body compartments precede lamina and chromatin reorganization during fibre cell denucleation in the bovine lens. <i>European Journal of Cell Biology</i> , 1998 , 75, 237-46	6.1	77

- 2 Susceptibility of lens epithelial and fibre cells at different stages of differentiation to apoptosis. *Biochemical Society Transactions*, **1998**, 26, S349 5.1 17
- 1 Lens cell organelle loss during differentiation versus stress-induced apoptotic changes. *Biochemical Society Transactions*, **1997**, 25, S584 5.1 8