

Ralf Dahm

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

4,391
citations

172457

29
h-index

114465

63
g-index

83
all docs

83
docs citations

83
times ranked

5916
citing authors

#	ARTICLE	IF	CITATIONS
1	How research institutions can foster innovation. BioEssays, 2021, 43, 2100107.	2.5	2
2	Historic nucleic acids isolated by Friedrich Miescher contain RNA besides DNA. Biological Chemistry, 2021, 402, 1179-1185.	2.5	5
3	Die Reproduzierbarkeitskrise: Bedrohung oder Chance für die Wissenschaft?. Biologie in Unserer Zeit, 2020, 50, 79-79.	0.2	0
4	Interdisciplinary Communication Needs to Become a Core Scientific Skill. BioEssays, 2019, 41, 1900101.	2.5	10
5	How We Forgot Who Discovered DNA: Why It Matters How You Communicate Your Results. BioEssays, 2019, 41, 1900029.	2.5	6
6	Epigenetik – Grundlagen und klinische Bedeutung. , 2018, , .		2
7	Grundlagen der Epigenetik. , 2018, , 1-23.		0
8	Studienprogramm für die, die mehr wissen wollen. Biologie in Unserer Zeit, 2018, 48, 279-279.	0.2	1
9	Living autobiographically: Concepts of aging and artistic expression in painting and modern dance. Journal of Aging Studies, 2017, 40, 8-15.	1.4	4
10	Transfection of Cultured Primary Neurons. Neuromethods, 2017, , 55-78.	0.3	0
11	Umdenken in der Doktorandenausbildung. Biologie in Unserer Zeit, 2017, 47, 343-343.	0.2	0
12	Evolution of the vertebrate beaded filament protein, Bfsp2; comparing the in vitro assembly properties of a zebrafish Bfsp2 to its human orthologue. Experimental Eye Research, 2012, 94, 192-202.	2.6	5
13	Not as we know it. New Scientist, 2011, 210, 24.	0.0	0
14	Homeostasis in the vertebrate lens: mechanisms of solute exchange. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 1265-1277.	4.0	44
15	Mind maps. New Scientist, 2011, 209, 32.	0.0	0
16	Investigating the genetics of visual processing, function and behaviour in zebrafish. Neurogenetics, 2011, 12, 97-116.	1.4	20
17	Das Schloßlabor in der Küche von Hohentübingen: Wiege der Biochemie. Von Peter Bohley. Biologie in Unserer Zeit, 2010, 40, 132-132.	0.2	0
18	Editorial: Biologie in unserer Zeit 3/2010. Biologie in Unserer Zeit, 2010, 40, 139-139.	0.2	0

#	ARTICLE	IF	CITATIONS
19	From discovering to understanding. EMBO Reports, 2010, 11, 153-160.	4.5	21
20	A slip in the date of DNA's discovery. Nature, 2010, 468, 897-897.	27.8	5
21	The zebrafish mutant bumper shows a hyperproliferation of lens epithelial cells and fibre cell degeneration leading to functional blindness. Mechanisms of Development, 2010, 127, 203-219.	1.7	17
22	Transfection Techniques for Neuronal Cells: Table 1.. Journal of Neuroscience, 2010, 30, 6171-6177.	3.6	163
23	Finding Alzheimer's Disease. American Scientist, 2010, 98, 148.	0.1	0
24	GTRAP3 serves as a negative regulator of Rab1 in protein transport and neuronal differentiation. Journal of Cellular and Molecular Medicine, 2009, 13, 114-124.	3.6	36
25	High efficiency transfection of short hairpin RNAs encoding plasmids into primary hippocampal neurons. Journal of Neuroscience Research, 2009, 87, 289-300.	2.9	16
26	Transfection of Cultured Primary Neurons via Nucleofection. Current Protocols in Neuroscience, 2009, 47, Unit4.32.	2.6	22
27	Functions of the intermediate filament cytoskeleton in the eye lens. Journal of Clinical Investigation, 2009, 119, 1837-1848.	8.2	142
28	Discovering DNA: Friedrich Miescher and the early years of nucleic acid research. Human Genetics, 2008, 122, 565-581.	3.8	204
29	Formation of stromal collagen fibrils and proteoglycans in the developing zebrafish cornea. Acta Ophthalmologica, 2008, 86, 655-665.	1.1	16
30	montalcino, A zebrafish model for variegate porphyria. Experimental Hematology, 2008, 36, 1132-1142.	0.4	36
31	The zebrafish mutant <i>lbk/vam6</i> resembles human multisystemic disorders caused by aberrant trafficking of endosomal vesicles. Development (Cambridge), 2008, 135, 387-399.	2.5	48
32	Dynamic Interaction between P-Bodies and Transport Ribonucleoprotein Particles in Dendrites of Mature Hippocampal Neurons. Journal of Neuroscience, 2008, 28, 7555-7562.	3.6	121
33	Perplexing bodies: The putative roles of P-bodies in neurons. RNA Biology, 2008, 5, 244-248.	3.1	21
34	Subfunctionalization of Duplicated Zebrafish pax6 Genes by cis-Regulatory Divergence. PLoS Genetics, 2008, 4, e29.	3.5	142
35	Visualizing mRNA Localization and Local Protein Translation in Neurons. Methods in Cell Biology, 2008, 85, 293-327.	1.1	23
36	The First Discovery of DNA. American Scientist, 2008, 96, 320.	0.1	6

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37	RNA localisation in the nervous system. <i>Seminars in Cell and Developmental Biology</i> , 2007, 18, 216-223.	5.0	53
38	RNA localization: New roles for an evolutionarily ancient mechanism. <i>Seminars in Cell and Developmental Biology</i> , 2007, 18, 161-162.	5.0	4
39	Development and adult morphology of the eye lens in the zebrafish. <i>Experimental Eye Research</i> , 2007, 85, 74-89.	2.6	91
40	Reorganization of centrosomal marker proteins coincides with epithelial cell differentiation in the vertebrate lens. <i>Experimental Eye Research</i> , 2007, 85, 696-713.	2.6	13
41	High-efficiency transfection of mammalian neurons via nucleofection. <i>Nature Protocols</i> , 2007, 2, 1692-1704.	12.0	107
42	Large-scale mapping of mutations affecting zebrafish development. <i>BMC Genomics</i> , 2007, 8, 11.	2.8	59
43	The GTP-Binding Protein Septin 7 Is Critical for Dendrite Branching and Dendritic-Spine Morphology. <i>Current Biology</i> , 2007, 17, 1746-1751.	3.9	223
44	Transition from enhanced T cell infiltration to inflammation in the myelin-degenerative central nervous system. <i>Neurobiology of Disease</i> , 2007, 28, 261-275.	4.4	5
45	Human pathologies associated with defective RNA transport and localization in the nervous system. <i>Biology of the Cell</i> , 2007, 99, 649-661.	2.0	16
46	Dendritic Localization of the Translational Repressor Pumilio 2 and Its Contribution to Dendritic Stress Granules. <i>Journal of Neuroscience</i> , 2006, 26, 6496-6508.	3.6	178
47	Learning from Small Fry: The Zebrafish as a Genetic Model Organism for Aquaculture Fish Species. <i>Marine Biotechnology</i> , 2006, 8, 329-345.	2.4	175
48	Alzheimer's discovery. <i>Current Biology</i> , 2006, 16, R906-R910.	3.9	34
49	The Zebrafish Exposed. <i>American Scientist</i> , 2006, 94, 446.	0.1	9
50	Deficiency of glutaredoxin 5 reveals Fe-S clusters are required for vertebrate haem synthesis. <i>Nature</i> , 2005, 436, 1035-1039.	27.8	343
51	Silenced RNA on the move. <i>Nature</i> , 2005, 438, 433-435.	27.8	23
52	A putative nuclear function for mammalian Staufen. <i>Trends in Biochemical Sciences</i> , 2005, 30, 228-231.	7.5	26
53	Integrin β 5 and Delta/Notch Signaling Have Complementary Spatiotemporal Requirements during Zebrafish Somiteogenesis. <i>Developmental Cell</i> , 2005, 8, 575-586.	7.0	135
54	Friedrich Miescher and the discovery of DNA. <i>Developmental Biology</i> , 2005, 278, 274-288.	2.0	204

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55	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, 138-155.	2.0	23
56	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.	2.0	135
57	chokh/rx3 specifies the retinal pigment epithelium fate independently of eye morphogenesis. <i>Developmental Biology</i> , 2005, 288, 348-362.	2.0	43
58	The Intermediate Filament Systems in the Eye Lens. <i>Methods in Cell Biology</i> , 2004, 78, 597-624.	1.1	23
59	Dying to See. <i>Scientific American</i> , 2004, 291, 82-89.	1.0	16
60	Mutations in cadherin 23 affect tip links in zebrafish sensory hair cells. <i>Nature</i> , 2004, 428, 955-959.	27.8	317
61	The Zebrafish as a Model Organism for Eye Development. <i>Ophthalmic Research</i> , 2004, 36, 4-24.	1.9	81
62	Developmental aspects of galectin-3 expression in the lens. <i>Histochemistry and Cell Biology</i> , 2003, 119, 219-226.	1.7	11
63	Zwischen glasklar und grauem Star: Augenlinse. <i>Biologie in Unserer Zeit</i> , 2003, 33, 366-374.	0.2	0
64	Johann Friedrich Miescher. <i>Biologie in Unserer Zeit</i> , 2003, 33, 202-202.	0.2	0
65	A zebrafish homologue of the chemokine receptor Cxcr4 is a germ-cell guidance receptor. <i>Nature</i> , 2003, 421, 279-282.	27.8	384
66	Identification of a Novel Intercellular Structure in Late-Stage Differentiating Lens Cells. <i>Ophthalmic Research</i> , 2003, 35, 2-7.	1.9	4
67	Morphological Changes and Nuclear Pore Clustering during Nuclear Degradation in Differentiating Bovine Lens Fibre Cells. <i>Ophthalmic Research</i> , 2002, 34, 288-294.	1.9	12
68	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, 557-566.	3.6	25
69	Analysis of a Zebrafish VEGF Receptor Mutant Reveals Specific Disruption of Angiogenesis. <i>Current Biology</i> , 2002, 12, 1405-1412.	3.9	201
70	Lens Fibre Cell Differentiation – A Link with Apoptosis?. <i>Ophthalmic Research</i> , 1999, 31, 163-183.	1.9	106
71	Gap Junctions Containing β -8-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.	2.6	55
72	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, 237-246.	3.6	80

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73	118 Susceptibility of lens epithelial and fibre cells at different stages of differentiation to apoptosis. Biochemical Society Transactions, 1998, 26, S349-S349.	3.4	20
74	178 Lens cell organelle loss during differentiation versus stress-induced apoptotic changes. Biochemical Society Transactions, 1997, 25, S584-S584.	3.4	10