

Jonathan B L Bard

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4513120/publications.pdf>

Version: 2024-02-01

57
papers

5,889
citations

361045

20
h-index

214527

47
g-index

74
all docs

74
docs citations

74
times ranked

6421
citing authors

#	ARTICLE	IF	CITATIONS
1	Tinkering and the Origins of Heritable Anatomical Variation in Vertebrates. <i>Biology</i> , 2018, 7, 20.	1.3	0
2	C.H. Waddington's differences with the creators of the modern evolutionary synthesis: a tale of two genes. <i>History and Philosophy of the Life Sciences</i> , 2017, 39, 18.	0.6	1
3	The Reproductive System. , 2016, , 121-132.		0
4	Generating anatomical variation through mutations in networks – implications for evolution. <i>Journal of Anatomy</i> , 2014, 225, 123-131.	0.9	3
5	Matthew H. Kaufman (1942-2013) - mouse developmental anatomist. <i>Development (Cambridge)</i> , 2013, 140, 4297-4298.	1.2	1
6	Driving developmental and evolutionary change: A systems biology view. <i>Progress in Biophysics and Molecular Biology</i> , 2013, 111, 83-91.	1.4	7
7	Conceptual foundations of systems biology. <i>Progress in Biophysics and Molecular Biology</i> , 2013, 111, 55-56.	1.4	4
8	Plenary discussion of the conceptual foundations of systems biology. <i>Progress in Biophysics and Molecular Biology</i> , 2013, 111, 137-140.	1.4	5
9	Epilogue. <i>Progress in Biophysics and Molecular Biology</i> , 2013, 111, 147-149.	1.4	7
10	Systems Biology – the Broader Perspective. <i>Cells</i> , 2013, 2, 414-431.	1.8	8
11	A new ontology (structured hierarchy) of human developmental anatomy for the first 7 weeks (<sc>C</sc>arnegie <sc>s</sc>tages 1–20). <i>Journal of Anatomy</i> , 2012, 221, 406-416.	0.9	18
12	The AEO, an Ontology of Anatomical Entities for Classifying Animal Tissues and Organs. <i>Frontiers in Genetics</i> , 2012, 3, 18.	1.1	7
13	A systems biology representation of developmental anatomy. <i>Journal of Anatomy</i> , 2011, 218, 591-599.	0.9	7
14	A systems biology view of evolutionary genetics. <i>BioEssays</i> , 2010, 32, 559-563.	1.2	15
15	Analysis of biological networks. <i>Journal of Anatomy</i> , 2009, 215, 473-473.	0.9	5
16	A bioinformatics approach for identifying candidate transcriptional regulators of mesenchyme-to-epithelium transitions in mouse embryos. <i>Developmental Dynamics</i> , 2008, 237, 2748-2754.	0.8	13
17	Fins into Limbs - Edited by B.ÅK. Hall. <i>Journal of Anatomy</i> , 2008, 212, 331-332.	0.9	2
18	Anatomical Ontologies for Model Organisms: The Fungi and Animals. <i>Computational Biology</i> , 2008, , 3-25.	0.1	2

#	ARTICLE	IF	CITATIONS
19	Waddington's Legacy to Developmental and Theoretical Biology. <i>Biological Theory</i> , 2008, 3, 188-197.	0.8	25
20	The OBO Foundry: coordinated evolution of ontologies to support biomedical data integration. <i>Nature Biotechnology</i> , 2007, 25, 1251-1255.	9.4	1,955
21	Systems developmental biology: the use of ontologies in annotating models and in identifying gene function within and across species. <i>Mammalian Genome</i> , 2007, 18, 402-411.	1.0	15
22	Anatomics: the intersection of anatomy and bioinformatics. <i>Journal of Anatomy</i> , 2005, 206, 1-16.	0.9	39
23	COBrA: a bio-ontology editor. <i>Bioinformatics</i> , 2005, 21, 825-826.	1.8	14
24	An ontology for cell types. <i>Genome Biology</i> , 2005, 6, R21.	13.9	357
25	Pathbase: a database of mutant mouse pathology. <i>Nucleic Acids Research</i> , 2004, 32, 512D-515.	6.5	49
26	Pathbase: a new reference resource and database for laboratory mouse pathology. <i>Radiation Protection Dosimetry</i> , 2004, 112, 525-528.	0.4	21
27	Ontologies in biology: design, applications and future challenges. <i>Nature Reviews Genetics</i> , 2004, 5, 213-222.	7.7	293
28	The SOFG Anatomy Entry List (SAEL): An Annotation Tool for Functional Genomics Data. <i>Comparative and Functional Genomics</i> , 2004, 5, 521-527.	2.0	9
29	EMAP and EMAGE: A Framework for Understanding Spatially Organized Data. <i>Neuroinformatics</i> , 2003, 1, 309-326.	1.5	109
30	Ontologies: Formalising biological knowledge for bioinformatics. <i>BioEssays</i> , 2003, 25, 501-506.	1.2	55
31	The growth and morphogenesis of the early mouse mandible: a quantitative analysis. <i>Journal of Anatomy</i> , 2003, 203, 213-222.	0.9	82
32	An ontology of human developmental anatomy. <i>Journal of Anatomy</i> , 2003, 203, 347-355.	0.9	36
33	Fates of the Metanephric Mesenchyme. , 2003, , 181-193.		3
34	The Metanephros. , 2003, , 139-148.		7
35	Growth and death in the developing mammalian kidney: signals, receptors and conversations. <i>BioEssays</i> , 2002, 24, 72-82.	1.2	50
36	Apoptosis in the cortex of the developing mouse kidney. <i>Journal of Anatomy</i> , 2002, 201, 477-484.	0.9	19

#	ARTICLE	IF	CITATIONS
37	Early nephron formation in the developing mouse kidney. <i>Journal of Anatomy</i> , 2001, 199, 385-392.	0.9	43
38	Popper's philosophy of science: a practical tool for the working biologist. <i>BioEssays</i> , 2000, 22, 205-205.	1.2	1
39	What's New? A real mouse for your computer. <i>BioEssays</i> , 1992, 14, 501-502.	1.2	37
40	The Morphogenetic Toolkit. <i>Interdisciplinary Science Reviews</i> , 1991, 16, 214-224.	1.0	0
41	Problems of British science. <i>Nature</i> , 1991, 353, 378-378.	13.7	1
42	Epithelial rearrangement and <i>Drosophila</i> gastrulation. <i>BioEssays</i> , 1991, 13, 409-411.	1.2	0
43	The candidate Wilms' tumour gene is involved in genitourinary development. <i>Nature</i> , 1990, 346, 194-197.	13.7	814
44	What the books say: The Fifth Day of Creation. <i>BioEssays</i> , 1990, 12, 303-306.	1.2	4
45	Traction and the formation of mesenchymal condensations <i>in vivo</i> . <i>BioEssays</i> , 1990, 12, 389-395.	1.2	36
46	The molecular basis of morphogenesis. , 1990, , 65-119.		1
47	Pulling together some threads. , 1990, , 240-266.		0
48	Preface to the hardback edition. , 1990, , ix-x.		0
49	The epithelial repertoire. , 1990, , 181-237.		0
50	The morphogenetic properties of mesenchyme. , 1990, , 120-180.		0
51	A dynamic framework for morphogenesis. , 1990, , 238-239.		0
52	A traction-based mechanism for somitogenesis in the chick. <i>Roux's Archives of Developmental Biology</i> , 1988, 197, 513-517.	1.2	10
53	Growth Regulation In Multilayered Cultures of Human Diploid Fibroblasts: the Roles of Contact, Movement and Matrix Production. <i>Cell Proliferation</i> , 1986, 19, 141-154.	2.4	4
54	How well does Turing's theory of morphogenesis work?. <i>Journal of Theoretical Biology</i> , 1974, 45, 501-531.	0.8	126

#	ARTICLE	IF	CITATIONS
55	Diameters of Collagen Fibrils grown in vitro. Nature: New Biology, 1973, 246, 83-84.	4.5	23
56	COLLAGEN SUBSTRATA FOR STUDIES ON CELL BEHAVIOR. Journal of Cell Biology, 1972, 54, 626-637.	2.3	1,441
57	Cellular Interactions in Mass Cultures of Human Diploid Fibroblasts. Nature, 1972, 236, 152-155.	13.7	94