

Michael R Dietrich

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

955
citations

759233

12
h-index

501196

28
g-index

43
all docs

43
docs citations

43
times ranked

837
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNAs and metazoan macroevolution: insights into canalization, complexity, and the Cambrian explosion. <i>BioEssays</i> , 2009, 31, 736-747.	2.5	225
2	The origins of the neutral theory of molecular evolution. <i>Journal of the History of Biology</i> , 1994, 27, 21-59.	0.5	79
3	Paradox and persuasion: negotiating the place of molecular evolution within evolutionary biology. , 1998, 31, 85-111.		78
4	Richard Goldschmidt: hopeful monsters and other 'heresies'. <i>Nature Reviews Genetics</i> , 2003, 4, 68-74.	16.8	76
5	Richard Goldschmidt's 'heresies' and the evolutionary synthesis. <i>Journal of the History of Biology</i> , 1995, 28, 431-461.	0.5	63
6	Publication Trends in Model Organism Research. <i>Genetics</i> , 2014, 198, 787-794.	2.9	51
7	Integration without Unification: An Argument for Pluralism in the Biological Sciences. <i>American Naturalist</i> , 2006, 168, S73-S79.	2.1	47
8	How to choose your research organism. <i>Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences</i> , 2020, 80, 101227.	1.3	39
9	Manipulating Underdetermination in Scientific Controversy: The Case of the Molecular Clock. <i>Perspectives on Science</i> , 2007, 15, 295-326.	1.0	36
10	From Hopeful Monsters to Homeotic Effects: Richard Goldschmidt's Integration of Development, Evolution, and Genetics. <i>American Zoologist</i> , 2000, 40, 738-747.	0.7	29
11	Beyond the Boss and the Boys: Women and the Division of Labor in <i>Drosophila</i> Genetics in the United States, 1934-1970. <i>Journal of the History of Biology</i> , 2007, 40, 509-528.	0.5	29
12	From Gene to Genetic Hierarchy: Richard Goldschmidt and the Problem of the Gene. , 2000, , 91-114.		28
13	'Extreme' organisms and the problem of generalization: interpreting the Krogh principle. <i>History and Philosophy of the Life Sciences</i> , 2018, 40, 65.	1.1	28
14	Explaining the 'Pulse of Protoplasm': The search for molecular mechanisms of protoplasmic streaming. <i>Journal of Integrative Plant Biology</i> , 2015, 57, 14-22.	8.5	17
15	Reinventing Richard Goldschmidt: Reputation, Memory, and Biography. <i>Journal of the History of Biology</i> , 2011, 44, 693-712.	0.5	13
16	Monte Carlo experiments and the defense of diffusion models in molecular population genetics. <i>Biology and Philosophy</i> , 1996, 11, 339-356.	1.4	12
17	The diversification of developmental biology. <i>Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences</i> , 2015, 53, 1-15.	1.3	12
18	Experimenting with sex: four approaches to the genetics of sex reversal before 1950. <i>History and Philosophy of the Life Sciences</i> , 2016, 38, 23-41.	1.1	8

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19	Three Perspectives on Neutrality and Drift in Molecular Evolution. <i>Philosophy of Science</i> , 2006, 73, 666-677.	1.0	7
20	The problem of the gene. <i>Comptes Rendus De L'Académie Des Sciences Série 3, Sciences De La Vie</i> , 2000, 323, 1139-1146.	0.8	6
21	Richard Goldschmidt and the Crossing-Over Controversy. <i>Genetics</i> , 2002, 161, 477-482.	2.9	6
22	Inaugurating the Everett Mendelsohn Prize. <i>Journal of the History of Biology</i> , 2016, 49, 1-2.	0.5	5
23	The Journal of the History of Biology at 50. <i>Journal of the History of Biology</i> , 2017, 50, 1-2.	0.5	5
24	From Hopeful Monsters to Homeotic Effects: Richard Goldschmidt's Integration of Development, Evolution, and Genetics. <i>American Zoologist</i> , 2000, 40, 738-747.	0.7	4
25	Sewall Wright's Adaptive Landscape: Philosophical Reflections on Heuristic Value. , 2013, , 16-25.		3
26	Introduction: Revisiting Garland Allen's Views on the History of the Life Sciences in the Twentieth Century. <i>Journal of the History of Biology</i> , 2016, 49, 581-582.	0.5	2
27	Duhem's problem revisited: logical versus epistemic formulations and solutions. <i>Synthese</i> , 2020, 197, 337-354.	1.1	2
28	A Shifting Terrain: A Brief History of the Adaptive Landscape. , 2013, , 3-15.		2
29	Molecular Evolution. <i>History, Philosophy and Theory of the Life Sciences</i> , 2013, , 239-248.	0.4	1
30	Looking Toward the Next Fifty Years at the Journal of the History of Biology. <i>Journal of the History of Biology</i> , 2017, 50, 689-690.	0.5	1
31	What Is the Nature of Scientific Controversies in the Biological Sciences?. , 2020, , 235-254.		1
32	Richard Lewontin and the "complications of linkage". <i>Studies in History and Philosophy of Science Part A</i> , 2021, 88, 237-244.	1.2	1
33	The First Everett Mendelsohn Prize. <i>Journal of the History of Biology</i> , 2017, 50, 3-4.	0.5	0
34	New Perspectives on the Historiography of Biology. <i>Historiographies of Science</i> , 2021, , 1-6.	0.2	0
35	The Historiography of Genetics. <i>Historiographies of Science</i> , 2021, , 153-173.	0.2	0
36	The Historiography of Genetics. <i>Historiographies of Science</i> , 2020, , 1-22.	0.2	0

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37	New Perspectives on the Historiography of Biology. <i>Historiographies of Science</i> , 2020, , 1-7.	0.2	0
38	In Memory of Paul Farber (1944â€“2021), Third Editor of the <i>Journal of the History of Biology</i> . <i>Journal of the History of Biology</i> , 2021, 54, 549-550.	0.5	0