

Thomas C G Bosch

List of Publications by Year in descending order

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164
papers

12,818
citations

29994

54
h-index

28224

105
g-index

186
all docs

186
docs citations

186
times ranked

10749
citing authors

#	ARTICLE	IF	CITATIONS
1	Animals in a bacterial world, a new imperative for the life sciences. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3229-3236.	3.3	2,181
2	The dynamic genome of Hydra. Nature, 2010, 464, 592-596.	13.7	743
3	More than just orphans: are taxonomically-restricted genes important in evolution?. Trends in Genetics, 2009, 25, 404-413.	2.9	399
4	Getting the Hologenome Concept Right: an Eco-Evolutionary Framework for Hosts and Their Microbiomes. MSystems, 2016, 1, .	1.7	388
5	Metaorganisms as the new frontier. Zoology, 2011, 114, 185-190.	0.6	346
6	The innate immune repertoire in Cnidaria - ancestral complexity and stochastic gene loss. Genome Biology, 2007, 8, R59.	13.9	322
7	Long-term maintenance of species-specific bacterial microbiota in the basal metazoan <i>Hydra</i> . Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13146-13151.	3.3	320
8	Distinct antimicrobial peptide expression determines host species-specific bacterial associations. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3730-8.	3.3	312
9	Transgenic Hydra allow in vivo tracking of individual stem cells during morphogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6208-6211.	3.3	288
10	Eco-Evo-Devo: developmental symbiosis and developmental plasticity as evolutionary agents. Nature Reviews Genetics, 2015, 16, 611-622.	7.7	281
11	Why bacteria matter in animal development and evolution. BioEssays, 2010, 32, 571-580.	1.2	257
12	Bacteria-bacteria interactions within the microbiota of the ancestral metazoan Hydra contribute to fungal resistance. ISME Journal, 2015, 9, 1543-1556.	4.4	196
13	Uncovering the evolutionary history of innate immunity: The simple metazoan Hydra uses epithelial cells for host defence. Developmental and Comparative Immunology, 2009, 33, 559-569.	1.0	195
14	Metaorganisms in extreme environments: do microbes play a role in organismal adaptation?. Zoology, 2018, 127, 1-19.	0.6	194
15	Why polyps regenerate and we don't: Towards a cellular and molecular framework for Hydra regeneration. Developmental Biology, 2007, 303, 421-433.	0.9	174
16	FoxO is a critical regulator of stem cell maintenance in immortal <i>Hydra</i> . Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19697-19702.	3.3	161
17	MyD88-deficient <i>Hydra</i> reveal an ancient function of TLR signaling in sensing bacterial colonizers. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19374-19379.	3.3	154
18	Regulation of Polyp-to-Jellyfish Transition in <i>Aurelia aurita</i> . Current Biology, 2014, 24, 263-273.	1.8	152

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19	Stem cells of <i>Hydra magnipapillata</i> can differentiate into somatic cells and germ line cells. <i>Developmental Biology</i> , 1987, 121, 182-191.	0.9	148
20	In an early branching metazoan, bacterial colonization of the embryo is controlled by maternal antimicrobial peptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18067-18072.	3.3	143
21	Comparative analysis of amplicon and metagenomic sequencing methods reveals key features in the evolution of animal metaorganisms. <i>Microbiome</i> , 2019, 7, 133.	4.9	141
22	Molecular Signatures of the Three Stem Cell Lineages in <i>Hydra</i> and the Emergence of Stem Cell Function at the Base of Multicellularity. <i>Molecular Biology and Evolution</i> , 2012, 29, 3267-3280.	3.5	140
23	Cnidarian-Microbe Interactions and the Origin of Innate Immunity in Metazoans. <i>Annual Review of Microbiology</i> , 2013, 67, 499-518.	2.9	138
24	Growth regulation in <i>Hydra</i> : Relationship between epithelial cell cycle length and growth rate. <i>Developmental Biology</i> , 1984, 104, 161-171.	0.9	137
25	<i>Hydra</i> and the evolution of stem cells. <i>BioEssays</i> , 2009, 31, 478-486.	1.2	128
26	Defining the Origins of the NOD-Like Receptor System at the Base of Animal Evolution. <i>Molecular Biology and Evolution</i> , 2011, 28, 1687-1702.	3.5	119
27	Transgenic stem cells in <i>Hydra</i> reveal an early evolutionary origin for key elements controlling self-renewal and differentiation. <i>Developmental Biology</i> , 2007, 309, 32-44.	0.9	113
28	Naturally occurring tumours in the basal metazoan <i>Hydra</i> . <i>Nature Communications</i> , 2014, 5, 4222.	5.8	109
29	The <i>Hydra</i> polyp: Nothing but an active stem cell community. <i>Development Growth and Differentiation</i> , 2010, 52, 15-25.	0.6	108
30	Hydramacin-1, Structure and Antibacterial Activity of a Protein from the Basal Metazoan <i>Hydra</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 1896-1905.	1.6	107
31	Compagen, a comparative genomics platform for early branching metazoan animals, reveals early origins of genes regulating stem cell differentiation. <i>BioEssays</i> , 2008, 30, 1010-1018.	1.2	104
32	Back to the Basics: Cnidarians Start to Fire. <i>Trends in Neurosciences</i> , 2017, 40, 92-105.	4.2	102
33	A secreted antibacterial neuropeptide shapes the microbiome of <i>Hydra</i> . <i>Nature Communications</i> , 2017, 8, 698.	5.8	101
34	The hygiene hypothesis, the COVID pandemic, and consequences for the human microbiome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	100
35	Bacterial colonization of <i>Hydra</i> hatchlings follows a robust temporal pattern. <i>ISME Journal</i> , 2013, 7, 781-790.	4.4	96
36	The evolution of immunity: a low-life perspective. <i>Trends in Immunology</i> , 2007, 28, 449-454.	2.9	89

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37	Identification of a kazal-type serine protease inhibitor with potent anti-staphylococcal activity as part of Hydra's innate immune system. <i>Developmental and Comparative Immunology</i> , 2009, 33, 830-837.	1.0	86
38	A Novel Gene Family Controls Species-Specific Morphological Traits in Hydra. <i>PLoS Biology</i> , 2008, 6, e278.	2.6	85
39	Rethinking the role of immunity: lessons from Hydra. <i>Trends in Immunology</i> , 2014, 35, 495-502.	2.9	83
40	Î2-catenin plays a central role in setting up the head organizer in hydra. <i>Developmental Biology</i> , 2010, 340, 116-124.	0.9	82
41	How the microbiome challenges our concept of self. <i>PLoS Biology</i> , 2018, 16, e2005358.	2.6	81
42	Dickkopf related genes are components of the positional value gradient in Hydra. <i>Developmental Biology</i> , 2006, 296, 62-70.	0.9	75
43	Molecular phylogenetics in Hydra, a classical model in evolutionary developmental biology. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 281-290.	1.2	74
44	Spontaneous body contractions are modulated by the microbiome of Hydra. <i>Scientific Reports</i> , 2017, 7, 15937.	1.6	74
45	Evolution and Function of Innate Immune Receptors – Insights from Marine Invertebrates. <i>Journal of Innate Immunity</i> , 2009, 1, 291-300.	1.8	69
46	Host modification of a bacterial quorum-sensing signal induces a phenotypic switch in bacterial symbionts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8488-E8497.	3.3	69
47	Polyps, peptides and patterning. <i>BioEssays</i> , 2001, 23, 420-427.	1.2	68
48	Symbiotic Hydra express a plant-like peroxidase gene during oogenesis. <i>Journal of Experimental Biology</i> , 2005, 208, 2157-2165.	0.8	68
49	Cell type complexity in the basal metazoan Hydra is maintained by both stem cell based mechanisms and transdifferentiation. <i>Developmental Biology</i> , 2008, 313, 13-24.	0.9	67
50	Disturbing epithelial homeostasis in the metazoan <i>Hydra</i> leads to drastic changes in associated microbiota. <i>Environmental Microbiology</i> , 2009, 11, 2361-2369.	1.8	64
51	How Hydra senses and destroys microbes. <i>Seminars in Immunology</i> , 2010, 22, 54-58.	2.7	62
52	Neutrality in the Metaorganism. <i>PLoS Biology</i> , 2019, 17, e3000298.	2.6	61
53	The Hydra viridis / Chlorella symbiosis. Growth and sexual differentiation in polyps without symbionts. <i>Zoology</i> , 2003, 106, 101-108.	0.6	59
54	Characterization of taxonomically restricted genes in a phylum-restricted cell type. <i>Genome Biology</i> , 2009, 10, R8.	13.9	59

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55	Activity of the Novel Peptide Arminin against Multiresistant Human Pathogens Shows the Considerable Potential of Phylogenetically Ancient Organisms as Drug Sources. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 5245-5250.	1.4	58
56	Exploring the human hair follicle microbiome*. <i>British Journal of Dermatology</i> , 2021, 184, 802-815.	1.4	58
57	The novel peptide HEADY specifies apical fate in a simple radially symmetric metazoan. <i>Genes and Development</i> , 2000, 14, 2771-2777.	2.7	54
58	A Dickkopf - 3 -related gene is expressed in differentiating nematocytes in the basal metazoan Hydra. <i>Development Genes and Evolution</i> , 2004, 214, 72-80.	0.4	53
59	Species-Specific Viromes in the Ancestral Holobiont Hydra. <i>PLoS ONE</i> , 2014, 9, e109952.	1.1	53
60	The Origin of Mucosal Immunity: Lessons from the Holobiont Hydra. <i>MBio</i> , 2016, 7, .	1.8	53
61	Resolving structure and function of metaorganisms through a holistic framework combining reductionist and integrative approaches. <i>Zoology</i> , 2019, 133, 81-87.	0.6	53
62	Cloning and expression of a heat-inducible hsp70 gene in two species of Hydra which differ in their stress response. <i>FEBS Journal</i> , 1992, 210, 683-691.	0.2	52
63	Which games are growing bacterial populations playing?. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150121.	1.5	51
64	Revisiting the age, evolutionary history and species level diversity of the genus Hydra (Cnidaria: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.2	50
65	Transitioning from Microbiome Composition to Microbial Community Interactions: The Potential of the Metaorganism Hydra as an Experimental Model. <i>Frontiers in Microbiology</i> , 2016, 7, 1610.	1.5	49
66	Discovery of genes expressed in Hydra embryogenesis. <i>Developmental Biology</i> , 2006, 289, 466-481.	0.9	48
67	Rethinking the Role of the Nervous System: Lessons From the Hydra Holobiont. <i>BioEssays</i> , 2018, 40, e1800060.	1.2	48
68	Prototypical pacemaker neurons interact with the resident microbiota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17854-17863.	3.3	47
69	The Holobiont Imperative. , 2016, , .		47
70	Metabolic co-dependence drives the evolutionarily ancient Hydra-Chlorella symbiosis. <i>ELife</i> , 2018, 7, .	2.8	47
71	Hydra meiosis reveals unexpected conservation of structural synaptonemal complex proteins across metazoans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16588-16593.	3.3	45
72	Genome sizes and chromosomes in the basal metazoan Hydra. <i>Zoology</i> , 2004, 107, 219-227.	0.6	42

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73	Cnidarian Immunity: A Tale of Two Barriers. <i>Advances in Experimental Medicine and Biology</i> , 2010, 708, 1-16.	0.8	41
74	Temperate phages as self-replicating weapons in bacterial competition. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170563.	1.5	39
75	Carrying Capacity and Colonization Dynamics of <i>Curvibacter</i> in the Hydra Host Habitat. <i>Frontiers in Microbiology</i> , 2018, 9, 443.	1.5	39
76	Understanding complex host-microbe interactions in <i>Hydra</i> . <i>Gut Microbes</i> , 2012, 3, 345-351.	4.3	38
77	How do environmental factors influence life cycles and development? An experimental framework for early-diverging metazoans. <i>BioEssays</i> , 2014, 36, 1185-1194.	1.2	38
78	Stem cells and aging from a quasi-immortal point of view. <i>BioEssays</i> , 2013, 35, 994-1003.	1.2	35
79	<i>Bdellovibrio</i> and Like Organisms Are Predictors of Microbiome Diversity in Distinct Host Groups. <i>Microbial Ecology</i> , 2020, 79, 252-257.	1.4	35
80	Evolutionary “Experiments” in Symbiosis: The Study of Model Animals Provides Insights into the Mechanisms Underlying the Diversity of Host-Microbe Interactions. <i>BioEssays</i> , 2019, 41, e1800256.	1.2	34
81	Epigenetic Regulation of Depot-Specific Gene Expression in Adipose Tissue. <i>PLoS ONE</i> , 2013, 8, e82516.	1.1	33
82	Competing forces maintain the <i>Hydra</i> metaorganism. <i>Immunological Reviews</i> , 2017, 279, 123-136.	2.8	33
83	The Microbiome Mediates Environmental Effects on Aging. <i>BioEssays</i> , 2019, 41, e1800257.	1.2	33
84	Expression of developmental genes during early embryogenesis of <i>Hydra</i> . <i>Development Genes and Evolution</i> , 2003, 213, 445-455.	0.4	32
85	Transgenesis in <i>Hydra</i> to characterize gene function and visualize cell behavior. <i>Nature Protocols</i> , 2019, 14, 2069-2090.	5.5	32
86	Patterning and cell differentiation in <i>Hydra</i> : novel genes and the limits to conservation. <i>Canadian Journal of Zoology</i> , 2002, 80, 1670-1677.	0.4	31
87	What <i>Hydra</i> Has to Say About the Role and Origin of Symbiotic Interactions. <i>Biological Bulletin</i> , 2012, 223, 78-84.	0.7	30
88	Antimicrobial Peptides—or How Our Ancestors Learned to Control the Microbiome. <i>MBio</i> , 2021, 12, e0184721.	1.8	29
89	Dynamic interactions within the host-associated microbiota cause tumor formation in the basal metazoan <i>Hydra</i> . <i>PLoS Pathogens</i> , 2020, 16, e1008375.	2.1	28
90	Allorecognition in urochordates: Identification of a highly variable complement receptor-like protein expressed in follicle cells of <i>Ciona</i> . <i>Developmental and Comparative Immunology</i> , 2007, 31, 360-371.	1.0	27

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91	Temperature and insulin signaling regulate body size in Hydra by the Wnt and TGF-beta pathways. <i>Nature Communications</i> , 2019, 10, 3257.	5.8	27
92	Selective protein kinase inhibitors block head-specific differentiation in hydra. <i>Cellular Signalling</i> , 2000, 12, 649-658.	1.7	26
93	Plasticity of epithelial cell shape in response to upstream signals: A whole-organism study using transgenic Hydra. <i>Zoology</i> , 2009, 112, 185-194.	0.6	26
94	Eco-Aging: stem cells and microbes are controlled by aging antagonist FoxO. <i>Current Opinion in Microbiology</i> , 2017, 38, 181-187.	2.3	26
95	Grow With the Challenge – Microbial Effects on Epithelial Proliferation, Carcinogenesis, and Cancer Therapy. <i>Frontiers in Microbiology</i> , 2018, 9, 2020.	1.5	26
96	In the urochordate <i>Ciona intestinalis</i> zona pellucida domain proteins vary among individuals. <i>Developmental and Comparative Immunology</i> , 2007, 31, 1242-1254.	1.0	25
97	Transplantation stimulates interstitial cell migration in hydra. <i>Developmental Biology</i> , 1990, 138, 509-512.	0.9	24
98	Acute toxic effects of zinc oxide nanoparticles on <i>Hydra magnipapillata</i> . <i>Aquatic Toxicology</i> , 2018, 205, 130-139.	1.9	24
99	Stem Cell Transcription Factor FoxO Controls Microbiome Resilience in Hydra. <i>Frontiers in Microbiology</i> , 2018, 9, 629.	1.5	24
100	Animal development in the microbial world: Re-thinking the conceptual framework. <i>Current Topics in Developmental Biology</i> , 2021, 141, 399-427.	1.0	24
101	Ancient signals: peptides and the interpretation of positional information in ancestral metazoans. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003, 136, 185-196.	0.7	23
102	Enhanced antibacterial activity in <i>Hydra</i> polyps lacking nerve cells. <i>Developmental and Comparative Immunology</i> , 2003, 27, 79-85.	1.0	22
103	Where Simplicity Meets Complexity: Hydra, a Model for Host-Microbe Interactions. <i>Advances in Experimental Medicine and Biology</i> , 2012, 710, 71-81.	0.8	22
104	Epithelial interactions in <i>Hydra</i> : apoptosis in interspecies grafts is induced by detachment from the extracellular matrix. <i>Journal of Experimental Biology</i> , 2002, 205, 3809-3817.	0.8	22
105	Symbiont transmission in marine sponges: reproduction, development, and metamorphosis. <i>BMC Biology</i> , 2022, 20, 100.	1.7	22
106	Migration of multipotent interstitial stem cells in Hydra. <i>Zoology</i> , 2012, 115, 275-282.	0.6	21
107	Non-senescent Hydra tolerates severe disturbances in the nuclear lamina. <i>Aging</i> , 2018, 10, 951-972.	1.4	21
108	Role of the cellular environment in interstitial stem cell proliferation in Hydra. <i>Roux's Archives of Developmental Biology</i> , 1991, 200, 269-276.	1.2	20

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109	Microbial ecology in Hydra: Why viruses matter. <i>Journal of Microbiology</i> , 2015, 53, 193-200.	1.3	20
110	Microbial Species Coexistence Depends on the Host Environment. <i>MBio</i> , 2020, 11, .	1.8	20
111	Embryo protection in contemporary immunology. <i>Communicative and Integrative Biology</i> , 2011, 4, 369-372.	0.6	19
112	Phylogenomics Reveals an Anomalous Distribution of USP Genes in Metazoans. <i>Molecular Biology and Evolution</i> , 2011, 28, 153-161.	3.5	19
113	Exposure of the Host-Associated Microbiome to Nutrient-Rich Conditions May Lead to Dysbiosis and Disease Development—an Evolutionary Perspective. <i>MBio</i> , 2019, 10, .	1.8	19
114	Epithelial interactions in Hydra: apoptosis in interspecies grafts is induced by detachment from the extracellular matrix. <i>Journal of Experimental Biology</i> , 2002, 205, 3809-17.	0.8	18
115	Bacteria- and temperature-regulated peptides modulate β -catenin signaling in <i>Hydra</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21459-21468.	3.3	17
116	Foot differentiation and genomic plasticity in Hydra: lessons from the PPOD gene family. <i>Development Genes and Evolution</i> , 2006, 216, 57-68.	0.4	16
117	Further characterization of the PW peptide family that inhibits neuron differentiation in Hydra. <i>Development Genes and Evolution</i> , 2009, 219, 119-129.	0.4	16
118	Evolution of human longevity: lessons from Hydra. <i>Aging</i> , 2012, 4, 730-731.	1.4	16
119	Symmetry Breaking in Stem Cells of the Basal Metazoan Hydra. <i>Progress in Molecular and Subcellular Biology</i> , 2007, 45, 61-78.	0.9	15
120	Cloned interstitial stem cells grow as contiguous patches in hydra. <i>Developmental Biology</i> , 1990, 138, 513-515.	0.9	14
121	Multidisciplinary Approaches to Exploring Human—Microbiome Interactions. <i>BioEssays</i> , 2019, 41, 1-2.	1.2	14
122	Control of asymmetric cell divisions: will cnidarians provide an answer?. <i>BioEssays</i> , 2004, 26, 929-931.	1.2	13
123	Symbiosis: the other cells in development. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	13
124	Self/nonself recognition in Cnidaria: contact to allogeneic tissue does not result in elimination of nonself cells in <i>Hydra vulgaris</i> . <i>Zoology</i> , 2003, 106, 109-116.	0.6	12
125	Exploring Host-Microbe Interactions in Hydra. <i>Microbe Magazine</i> , 2009, 4, 457-462.	0.4	10
126	The Role of DNA Methylation in Genome Defense in Cnidaria and Other Invertebrates. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	10

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127	AmAMP1 from <i>Acropora millepora</i> and damicornin define a family of coral-specific antimicrobial peptides related to the Shk toxins of sea anemones. <i>Developmental and Comparative Immunology</i> , 2021, 114, 103866.	1.0	9
128	Animal development in the microbial world: The power of experimental model systems. <i>Current Topics in Developmental Biology</i> , 2021, 141, 371-397.	1.0	9
129	Embryo protection in contemporary immunology: Why bacteria matter. <i>Communicative and Integrative Biology</i> , 2011, 4, 369-72.	0.6	7
130	Exploring the Niche Concept in a Simple Metaorganism. <i>Frontiers in Microbiology</i> , 2020, 11, 1942.	1.5	6
131	Neurons interact with the microbiome: an evolutionary-informed perspective. <i>Neuroforum</i> , 2021, .	0.2	5
132	Symbiotic Algae of <i>Hydra viridissima</i> Play a Key Role in Maintaining Homeostatic Bacterial Colonization. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	5
133	Macrophages Are Polarized toward an Inflammatory Phenotype by their Aged Microenvironment in the Human Skin. <i>Journal of Investigative Dermatology</i> , 2022, 142, 3136-3145.e11.	0.3	5
134	The microbiome and the human: A reply to Parke and colleagues. <i>PLoS Biology</i> , 2018, 16, e2006974.	2.6	4
135	Boundary maintenance in the ancestral metazoan <i>Hydra</i> depends on histone acetylation. <i>Developmental Biology</i> , 2020, 458, 200-214.	0.9	4
136	<i>Hydra</i> and the hair follicle â€“ An unconventional comparative biology approach to exploring the human holobiont. <i>BioEssays</i> , 2022, 44, e2100233.	1.2	4
137	<i>Hydra</i> â€™s Lasting Partnership with Microbes: The Key for Escaping Senescence?. <i>Microorganisms</i> , 2022, 10, 774.	1.6	4
138	Squid genomes in a bacterial world. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2799-2801.	3.3	3
139	The <i>Hydra</i> Holobiont: A Tale of Several Symbiotic Lineages. , 2016, , 79-97.		3
140	Symbiotic interactions in the holobiont <i>Hydra</i> . , 2020, , 65-77.		3
141	Stammzellen in <i>Hydra</i>. <i>EvolutionÃres VermÃchtnis. Biologie in Unserer Zeit</i> , 2009, 39, 114-122.	0.3	2
142	Emergence of Immune System Components in Cnidarians. , 2016, , 397-406.		2
143	<i>Hydra</i> as Model to Determine the Role of FOXO in Longevity. <i>Methods in Molecular Biology</i> , 2019, 1890, 231-238.	0.4	2
144	The model zoologist: how should we think about animals, model animals, and non-model model animals?. <i>Zoology</i> , 2020, 138, 125749.	0.6	2

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145	Introduction: The Holobiont Imperative. , 2016, , 1-10.		2
146	Major Events in the Evolution of Planet Earth: Some Origin Stories. , 2016, , 11-26.		2
147	Beyond Lynn Margulisâ€™ green hydra. Symbiosis, 2022, 87, 11-17.	1.2	2
148	Bakterien â€™ eher Partner als Feinde. Biologie in Unserer Zeit, 2012, 42, 302-309.	0.3	1
149	Rethinking the origin of multicellularity: Where do epithelia come from? (Comment on DOI) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TFS	1.2	1
150	Taking a microscale look at symbiotic interactionsâ€™ and why it matters. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2110874118.	3.3	1
151	Making the invisible visible: exploring hostâ€™ microbiome interactions across different taxa using data-driven 3D visualization. Biochemist, 2021, 43, 40-45.	0.2	1
152	Negotiations Between Early Evolving Animals and Symbionts. , 2016, , 57-65.		1
153	Corals. , 2016, , 99-111.		1
154	Cellular dialogues between hosts and microbial symbionts. , 2020, , 287-290.		1
155	FRT - FONDATION RENE TOURAINE. Experimental Dermatology, 2016, 25, 917-932.	1.4	0
156	Tracing the Evolutionary Origin of the Gutâ€™ Brain Axis. , 2018, , 61-80.		0
157	The isolated zoologist. Zoology, 2020, 143, 125857.	0.6	0
158	Beating in on a stable partnership. Nature Reviews Microbiology, 2021, 19, 619-620.	13.6	0
159	Is â€™zoologyâ€™ dead?. Zoology, 2021, 149, 125971.	0.6	0
160	Role of Symbionts in Evolutionary Processes. , 2016, , 67-77.		0
161	Seeking a Holistic View of Early Emerging Metazoans: The Power of Modularity. , 2016, , 135-138.		0
162	The Hidden Impact of Viruses. , 2016, , 127-133.		0

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163	Phylosymbiosis: Novel Genomic Approaches Discover the Holobiont. , 2016, , 47-55.		0
164	Stem Cells in a Holobiont. , 2019, , 267-279.		0