

Bernard M Degnan

List of Publications by Year in descending order

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226
papers

17,606
citations

18436

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17055

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232
times ranked

14031
citing authors

#	ARTICLE	IF	CITATIONS
1	Distal regulation, silencers, and a shared combinatorial syntax are hallmarks of animal embryogenesis. <i>Genome Research</i> , 2022, 32, 474-487.	2.4	7
2	Phototransduction in a marine sponge provides insights into the origin of animal vision. <i>IScience</i> , 2022, 25, 104436.	1.9	1
3	Staining and Tracking Methods for Studying Sponge Cell Dynamics. <i>Methods in Molecular Biology</i> , 2021, 2219, 81-97.	0.4	5
4	The Iron-Responsive Genome of the Chiton <i>Acanthopleura granulata</i> . <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	42
5	Deep conservation of the enhancer regulatory code in animals. <i>Science</i> , 2020, 370, .	6.0	89
6	Pearl Sac Gene Expression Profiles Associated With Pearl Attributes in the Silver-Lip Pearl Oyster, <i>Pinctada maxima</i> . <i>Frontiers in Genetics</i> , 2020, 11, 597459.	1.1	11
7	Co-expression of synaptic genes in the sponge <i>Amphimedon queenslandica</i> uncovers ancient neural submodules. <i>Scientific Reports</i> , 2019, 9, 15781.	1.6	11
8	Pluripotency and the origin of animal multicellularity. <i>Nature</i> , 2019, 570, 519-522.	13.7	106
9	The first identification of complete Eph-ephrin signalling in ctenophores and sponges reveals a role for neofunctionalization in the emergence of signalling domains. <i>BMC Evolutionary Biology</i> , 2019, 19, 96.	3.2	6
10	Convergent evolution of a vertebrate-like methylome in a marine sponge. <i>Nature Ecology and Evolution</i> , 2019, 3, 1464-1473.	3.4	47
11	The evolution of mollusc shells. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2018, 7, e313.	5.9	59
12	Long non-coding regulatory RNAs in sponges and insights into the origin of animal multicellularity. <i>RNA Biology</i> , 2018, 15, 1-7.	1.5	14
13	The evolution of ependymin-related proteins. <i>BMC Evolutionary Biology</i> , 2018, 18, 182.	3.2	17
14	Diverse RNA interference strategies in early-branching metazoans. <i>BMC Evolutionary Biology</i> , 2018, 18, 160.	3.2	22
15	Early metazoan cell type diversity and the evolution of multicellular gene regulation. <i>Nature Ecology and Evolution</i> , 2018, 2, 1176-1188.	3.4	226
16	Sponge Long Non-Coding RNAs Are Expressed in Specific Cell Types and Conserved Networks. <i>Non-coding RNA</i> , 2018, 4, 6.	1.3	8
17	Co-option and <i>de novo</i> gene evolution underlie molluscan shell diversity. <i>Molecular Biology and Evolution</i> , 2017, 34, msx294.	3.5	67
18	Origin and evolution of the sponge aggregation factor gene family. <i>Molecular Biology and Evolution</i> , 2017, 34, msx058.	3.5	27

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19	The origin of Metazoa: a unicellular perspective. <i>Nature Reviews Genetics</i> , 2017, 18, 498-512.	7.7	239
20	Seasonal changes in environmental nutrient availability and biomass composition in a coral reef sponge. <i>Marine Biology</i> , 2017, 164, 1.	0.7	3
21	The crown-of-thorns starfish genome as a guide for biocontrol of this coral reef pest. <i>Nature</i> , 2017, 544, 231-234.	13.7	157
22	Lipidomics of the sea sponge <i>Amphimedon queenslandica</i> and implication for biomarker geochemistry. <i>Geobiology</i> , 2017, 15, 836-843.	1.1	12
23	Origin and evolution of the metazoan non-coding regulatory genome. <i>Developmental Biology</i> , 2017, 427, 193-202.	0.9	42
24	Variation in Orthologous Shell-Forming Proteins Contribute to Molluscan Shell Diversity. <i>Molecular Biology and Evolution</i> , 2017, 34, 2959-2969.	3.5	15
25	Transcriptomic Profiling of the Allorecognition Response to Grafting in the Demosponge <i>Amphimedon queenslandica</i> . <i>Marine Drugs</i> , 2017, 15, 136.	2.2	3
26	Origin of the Animal Circadian Clock: Diurnal and Light-Entrained Gene Expression in the Sponge <i>Amphimedon queenslandica</i> . <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	15
27	Landscape of histone modifications in a sponge reveals the origin of animal cis-regulatory complexity. <i>ELife</i> , 2017, 6, .	2.8	51
28	Bilaterian-like promoters in the highly compact <i>Amphimedon queenslandica</i> genome. <i>Scientific Reports</i> , 2016, 6, 22496.	1.6	18
29	An ancient role for nitric oxide in regulating the animal pelagobenthic life cycle: evidence from a marine sponge. <i>Scientific Reports</i> , 2016, 6, 37546.	1.6	54
30	Identification of a female spawn-associated Kazalà-type inhibitor from the tropical abalone <i>Haliotis asinina</i> . <i>Journal of Peptide Science</i> , 2016, 22, 461-470.	0.8	4
31	Comparative Morphological Analysis of the Immature Stages of the Grass Blue Butterflies <i>Zizeeria</i> and <i>Zizina</i> (Lepidoptera: Lycaenidae). <i>Zoological Science</i> , 2016, 33, 384.	0.3	6
32	Sea shell diversity and rapidly evolving secretomes: insights into the evolution of biomineralization. <i>Frontiers in Zoology</i> , 2016, 13, 23.	0.9	144
33	The diversification of the basic leucine zipper family in eukaryotes correlates with the evolution of multicellularity. <i>BMC Evolutionary Biology</i> , 2016, 16, 28.	3.2	62
34	The importance of evo-devo to an integrated understanding of molluscan biomineralisation. <i>Journal of Structural Biology</i> , 2016, 196, 67-74.	1.3	41
35	Host and donor influence on pearls produced by the silver-lip pearl oyster, <i>Pinctada maxima</i> . <i>Aquaculture</i> , 2016, 450, 313-320.	1.7	24
36	The mid-developmental transition and the evolution of animal body plans. <i>Nature</i> , 2016, 531, 637-641.	13.7	231

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37	The ontogeny of choanocyte chambers during metamorphosis in the demosponge <i>Amphimedon queenslandica</i> . <i>EvoDevo</i> , 2016, 7, 6.	1.3	27
38	The Widespread Prevalence and Functional Significance of Silk-Like Structural Proteins in Metazoan Biological Materials. <i>PLoS ONE</i> , 2016, 11, e0159128.	1.1	19
39	Ancestral role of Pax2/5/8 in molluscan brain and multimodal sensory system development. <i>BMC Evolutionary Biology</i> , 2015, 15, 231.	3.2	33
40	Deep developmental transcriptome sequencing uncovers numerous new genes and enhances gene annotation in the sponge <i>Amphimedon queenslandica</i> . <i>BMC Genomics</i> , 2015, 16, 387.	1.2	91
41	Dynamic and Widespread lncRNA Expression in a Sponge and the Origin of Animal Complexity. <i>Molecular Biology and Evolution</i> , 2015, 32, 2367-2382.	3.5	66
42	The ParaHox gene <i>Gsx</i> patterns the apical organ and central nervous system but not the foregut in scaphopod and cephalopod mollusks. <i>EvoDevo</i> , 2015, 6, 41.	1.3	26
43	The origin of the ADAR gene family and animal RNA editing. <i>BMC Evolutionary Biology</i> , 2015, 15, 4.	3.2	65
44	Sensory Flask Cells in Sponge Larvae Regulate Metamorphosis via Calcium Signaling. <i>Integrative and Comparative Biology</i> , 2015, 55, 1018-1027.	0.9	31
45	<i>Porifera.</i> , 2015, , 65-106.		26
46	How to Build an Allorecognition System: A Guide for Prospective Multicellular Organisms. <i>Advances in Marine Genomics</i> , 2015, , 395-424.	1.2	8
47	Analysis of the Biomass Composition of the Demosponge <i>Amphimedon queenslandica</i> on Heron Island Reef, Australia. <i>Marine Drugs</i> , 2014, 12, 3733-3753.	2.2	4
48	Genomic organization of <i>Hox</i> and <i>Pax</i> clusters in the echinoderm, <i>Acanthaster planci</i> . <i>Genesis</i> , 2014, 52, 952-958.	0.8	40
49	Reduced loads of pre-existing Gill-associated virus (GAV) infection in juvenile <i>Penaeus monodon</i> injected with single or multiple GAV-specific dsRNAs. <i>Aquaculture</i> , 2014, 434, 272-276.	1.7	7
50	BLIND ordering of large-scale transcriptomic developmental timecourses. <i>Development (Cambridge)</i> , 2014, 141, 1161-1166.	1.2	51
51	POU genes are expressed during the formation of individual ganglia of the cephalopod central nervous system. <i>EvoDevo</i> , 2014, 5, 41.	1.3	25
52	Evolution of the tyrosinase gene family in bivalve molluscs: Independent expansion of the mantle gene repertoire. <i>Acta Biomaterialia</i> , 2014, 10, 3855-3865.	4.1	86
53	Evolutionary origin of gastrulation: insights from sponge development. <i>BMC Biology</i> , 2014, 12, 26.	1.7	78
54	Control of shell pigmentation by secretory tubules in the abalone mantle. <i>Frontiers in Zoology</i> , 2014, 11, .	0.9	49

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55	Determining the Biomass Composition of a Sponge Holobiont for Flux Analysis. <i>Methods in Molecular Biology</i> , 2014, 1191, 107-125.	0.4	7
56	Origin, evolution and classification of type-3 copper proteins: lineage-specific gene expansions and losses across the Metazoa. <i>BMC Evolutionary Biology</i> , 2013, 13, 96.	3.2	64
57	Pearls. <i>Current Biology</i> , 2013, 23, R671-R673.	1.8	11
58	Rapid evolution of pearl oyster shell matrix proteins with repetitive, low-complexity domains. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20130041.	1.5	55
59	Origin and Evolution of Laminin Gene Family Diversity. <i>Molecular Biology and Evolution</i> , 2012, 29, 1823-1836.	3.5	45
60	Functionalization of a protosynaptic gene expression network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10612-10618.	3.3	55
61	Blue-light-receptive cryptochrome is expressed in a sponge eye lacking neurons and opsin. <i>Journal of Experimental Biology</i> , 2012, 215, 1278-1286.	0.8	90
62	Differential expression of neuropeptides correlates with growth rate in cultivated <i>Haliotis asinina</i> (Vetigastropoda: Mollusca). <i>Aquaculture</i> , 2012, 334-337, 159-168.	1.7	11
63	Transcriptome profiling of the demosponge <i>Amphimedon queenslandica</i> reveals genome-wide events that accompany major life cycle transitions. <i>BMC Genomics</i> , 2012, 13, 209.	1.2	47
64	Marked changes in neuropeptide expression accompany broadcast spawnings in the gastropod <i>Haliotis asinina</i> . <i>Frontiers in Zoology</i> , 2012, 9, 9.	0.9	40
65	The expression of Delta ligands in the sponge <i>Amphimedon queenslandica</i> suggests an ancient role for Notch signaling in metazoan development. <i>EvoDevo</i> , 2012, 3, 15.	1.3	35
66	Variation in rates of early development in <i>Haliotis asinina</i> generate competent larvae of different ages. <i>Frontiers in Zoology</i> , 2012, 9, 2.	0.9	12
67	The VD1/RPD2 $\hat{1}$ -neuropeptide is highly expressed in the brain of cephalopod mollusks. <i>Cell and Tissue Research</i> , 2012, 348, 439-452.	1.5	8
68	Independent evolution of striated muscles in cnidarians and bilaterians. <i>Nature</i> , 2012, 487, 231-234.	13.7	221
69	First evidence of miniature transposable elements in sponges (Porifera). <i>Hydrobiologia</i> , 2012, 687, 43-47.	1.0	2
70	Characterization of mucus-associated proteins from abalone (<i>Haliotis</i>) " candidates for chemical signaling. <i>FEBS Journal</i> , 2012, 279, 437-450.	2.2	19
71	Extreme Aggression in Male Squid Induced by a $\hat{2}$ -MSP-like Pheromone. <i>Current Biology</i> , 2011, 21, 322-327.	1.8	53
72	Modularity of gene-regulatory networks revealed in sea-star development. <i>BMC Biology</i> , 2011, 9, 6.	1.7	3

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73	Molecular analysis of two FMRFamide-encoding transcripts expressed during the development of the tropical abalone <i>Haliotis asinina</i> . <i>Journal of Comparative Neurology</i> , 2011, 519, 2043-2059.	0.9	22
74	What sponges can tell us about the evolution of developmental processes. <i>Zoology</i> , 2011, 114, 1-10.	0.6	55
75	NUMTs in the Sponge Genome Reveal Conserved Transposition Mechanisms in Metazoans. <i>Molecular Biology and Evolution</i> , 2011, 28, 1-5.	3.5	19
76	Ultrastructure of the Mantle of the Gastropod <i>Haliotis asinina</i> and Mechanisms of Shell Regionalization. <i>Cells Tissues Organs</i> , 2011, 194, 103-107.	1.3	32
77	Unexpected Repertoire of Metazoan Transcription Factors in the Unicellular Holozoan <i>Capsaspora owczarzewski</i> . <i>Molecular Biology and Evolution</i> , 2011, 28, 1241-1254.	3.5	172
78	Evolution of RNA-Binding Proteins in Animals: Insights from Genome-Wide Analysis in the Sponge <i>Amphimedon queenslandica</i> . <i>Molecular Biology and Evolution</i> , 2011, 28, 2289-2303.	3.5	49
79	Parallel Evolution of Nacre Building Gene Sets in Molluscs. <i>Molecular Biology and Evolution</i> , 2010, 27, 591-608.	3.5	239
80	Developmental expression of COE across the Metazoa supports a conserved role in neuronal cell-type specification and mesodermal development. <i>Development Genes and Evolution</i> , 2010, 220, 221-234.	0.4	28
81	Expression of serotonin (5-HT) during CNS development of the cephalopod mollusk, <i>Idiosepius notoides</i> . <i>Cell and Tissue Research</i> , 2010, 342, 161-178.	1.5	41
82	Expression of Sex and Reproduction-Related Genes in <i>Marsupenaeus japonicus</i> . <i>Marine Biotechnology</i> , 2010, 12, 664-677.	1.1	13
83	Identifying the germline in an equally cleaving mollusc: <i>Vasa</i> and <i>Nanos</i> expression during embryonic and larval development of the vetigastropod <i>Haliotis asinina</i> . <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2010, 314B, 267-279.	0.6	34
84	Early evolution of the LIM homeobox gene family. <i>BMC Biology</i> , 2010, 8, 4.	1.7	77
85	FMRFamide gene and peptide expression during central nervous system development of the cephalopod mollusk, <i>Idiosepius notoides</i> . <i>Evolution & Development</i> , 2010, 12, 113-130.	1.1	49
86	Structure and expression of conserved Wnt pathway components in the demosponge <i>Amphimedon queenslandica</i> . <i>Evolution & Development</i> , 2010, 12, 494-518.	1.1	112
87	The genome of the sponge <i>Amphimedon queenslandica</i> provides new perspectives into the origin of Toll-like and interleukin 1 receptor pathways. <i>Evolution & Development</i> , 2010, 12, 519-533.	1.1	79
88	The rise of genomics sheds light on the dawn of animals. <i>Evolution & Development</i> , 2010, 12, 425-427.	1.1	2
89	Origin of animal epithelia: insights from the sponge genome. <i>Evolution & Development</i> , 2010, 12, 601-617.	1.1	94
90	Diversity of Mycobacterium species from marine sponges and their sensitivity to antagonism by sponge-derived rifamycin-synthesizing actinobacterium in the genus <i>Salinispora</i> . <i>FEMS Microbiology Letters</i> , 2010, 313, 33-40.	0.7	20

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91	Nuclear-localized tiny RNAs are associated with transcription initiation and splice sites in metazoans. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1030-1034.	3.6	146
92	The Amphimedon queenslandica genome and the evolution of animal complexity. <i>Nature</i> , 2010, 466, 720-726.	13.7	917
93	Male Accessory Gland Protein Reduces Egg Laying in a Simultaneous Hermaphrodite. <i>PLoS ONE</i> , 2010, 5, e10117.	1.1	65
94	The initiation of metamorphosis as an ancient polyphenic trait and its role in metazoan life-cycle evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 641-651.	1.8	47
95	Sensory sea slugs. <i>Communicative and Integrative Biology</i> , 2010, 3, 423-426.	0.6	8
96	Protein Evolution by Molecular Tinkering: Diversification of the Nuclear Receptor Superfamily from a Ligand-Dependent Ancestor. <i>PLoS Biology</i> , 2010, 8, e1000497.	2.6	202
97	Proteomic analysis of the organic matrix of the abalone <i>Haliotis asinina</i> calcified shell. <i>Proteome Science</i> , 2010, 8, 54.	0.7	119
98	Identification of an Attractin-Like Pheromone in the Mucus-Secreting Hypobranchial Gland of the Abalone <i>Haliotis asinina</i> Linnaeus. <i>Journal of Shellfish Research</i> , 2010, 29, 699-704.	0.3	6
99	Conservation of the egg-laying hormone neuropeptide and attractin pheromone in the spotted sea hare, <i>Aplysia dactylomela</i> . <i>Peptides</i> , 2010, 31, 394-401.	1.2	17
100	Evolutionary genomics of the Fox genes: Origin of gene families and the ancestry of gene clusters. <i>Genomics</i> , 2010, 95, 256-260.	1.3	68
101	Identification of Genes Differentially Expressed in the Ganglia of Growing <i>Haliotis asinina</i> . <i>Journal of Shellfish Research</i> , 2010, 29, 741-752.	0.3	5
102	Evolution of a Novel Carotenoid-Binding Protein Responsible for Crustacean Shell Color. <i>Molecular Biology and Evolution</i> , 2009, 26, 1851-1864.	3.5	78
103	Molecular identification of candidate chemoreceptor genes and signal transduction components in the sensory epithelium of <i>Aplysia</i> . <i>Journal of Experimental Biology</i> , 2009, 212, 2037-2044.	0.8	17
104	Nacre Evolution : A Proteomic Approach. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1187, 13.	0.1	5
105	Expression of a poriferan potassium channel: insights into the evolution of ion channels in metazoans. <i>Journal of Experimental Biology</i> , 2009, 212, 761-767.	0.8	25
106	Origin and evolution of the Notch signalling pathway: an overview from eukaryotic genomes. <i>BMC Evolutionary Biology</i> , 2009, 9, 249.	3.2	191
107	The evolution of Runx genes II. The C-terminal Groucho recruitment motif is present in both eumetazoans and homoscleromorphs but absent in a haplosclerid demosponge. <i>BMC Research Notes</i> , 2009, 2, 59.	0.6	13
108	Development of the neuromuscular system during asexual propagation in an invertebrate chordate. <i>Developmental Dynamics</i> , 2009, 238, 2081-2094.	0.8	17

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109	Molecular characterization and analysis of a truncated serotonin receptor gene expressed in neural and reproductive tissues of abalone. <i>Histochemistry and Cell Biology</i> , 2009, 131, 629-642.	0.8	16
110	Convergent Antifouling Activities of Structurally Distinct Bioactive Compounds Synthesized Within Two Sympatric <i>Haliclona</i> Demosponges. <i>Marine Biotechnology</i> , 2009, 11, 188-198.	1.1	26
111	Candidate chemoreceptor subfamilies differentially expressed in the chemosensory organs of the mollusc <i>Aplysia</i> . <i>BMC Biology</i> , 2009, 7, 28.	1.7	47
112	Widespread transcriptional changes pre-empt the critical pelagic-benthic transition in the vetigastropod <i>Haliotis asinina</i> . <i>Molecular Ecology</i> , 2009, 18, 1006-1025.	2.0	55
113	The Dawn of Developmental Signaling in the Metazoa. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2009, 74, 81-90.	2.0	94
114	Early evolution of metazoan transcription factors. <i>Current Opinion in Genetics and Development</i> , 2009, 19, 591-599.	1.5	123
115	Expression of prohormone convertase 2 and the generation of neuropeptides in the developing nervous system of the gastropod <i>Haliotis</i> . <i>International Journal of Developmental Biology</i> , 2009, 53, 1081-1088.	0.3	14
116	The transcription factor NF- κ B in the demosponge <i>Amphimedon queenslandica</i> : insights on the evolutionary origin of the Rel homology domain. <i>Development Genes and Evolution</i> , 2008, 218, 23-32.	0.4	59
117	Impact of ecologically relevant heat shocks on Hsp developmental function in the vetigastropod <i>Haliotis asinina</i> . <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2008, 310B, 450-464.	0.6	7
118	The Demosponge <i>Amphimedon queenslandica</i> : Reconstructing the Ancestral Metazoan Genome and Deciphering the Origin of Animal Multicellularity. <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.emo108.	0.2	24
119	Early activation of adult organ differentiation during delay of metamorphosis in solitary ascidians, and consequences for juvenile growth. <i>Invertebrate Biology</i> , 2008, 127, 217-236.	0.3	13
120	Early origins and evolution of microRNAs and Piwi-interacting RNAs in animals. <i>Nature</i> , 2008, 455, 1193-1197.	13.7	630
121	Deciphering the fossil record of early bilaterian embryonic development in light of experimental taphonomy. <i>Evolution & Development</i> , 2008, 10, 339-349.	1.1	27
122	Will increased storm disturbance affect the biodiversity of intertidal, nonscleractinian sessile fauna on coral reefs?. <i>Global Change Biology</i> , 2008, 14, 2755-2770.	4.2	20
123	Sponge Genes Provide New Insight into the Evolutionary Origin of the Neurogenic Circuit. <i>Current Biology</i> , 2008, 18, 1156-1161.	1.8	140
124	Control of shell colour changes in the lobster, <i>Panulirus cygnus</i> . <i>Journal of Experimental Biology</i> , 2008, 211, 1512-1519.	0.8	15
125	Characterization of <i>Aplysia</i> Alb-1, a candidate water-borne protein pheromone released during egg laying. <i>Peptides</i> , 2008, 29, 152-161.	1.2	14
126	Partitioning of genetically distinct cell populations in chimeric juveniles of the sponge <i>Amphimedon queenslandica</i> . <i>Developmental and Comparative Immunology</i> , 2008, 32, 1270-1280.	1.0	20

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127	An ancient and variable mannose-binding lectin from the coral <i>Acropora millepora</i> binds both pathogens and symbionts. <i>Developmental and Comparative Immunology</i> , 2008, 32, 1582-1592.	1.0	170
128	Analysis of Cell Movement in Amphimedon Embryos by Injection of Fluorescent Tracers. <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.prot5097-pdb.prot5097.	0.2	4
129	Genotyping Individual Amphimedon Embryos, Larvae, and Adults. <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.prot5098-pdb.prot5098.	0.2	2
130	Isolation of Amphimedon Developmental Material. <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.prot5095-pdb.prot5095.	0.2	29
131	Whole-Mount In Situ Hybridization in <i>Amphimedon</i> . <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.prot5096.	0.2	17
132	Does the High Gene Density in the Sponge NK Homeobox Gene Cluster Reflect Limited Regulatory Capacity?. <i>Biological Bulletin</i> , 2008, 214, 205-217.	0.7	20
133	Demosponge and Sea Anemone Fibrillar Collagen Diversity Reveals the Early Emergence of A/C Clades and the Maintenance of the Modular Structure of Type V/XI Collagens from Sponge to Human. <i>Journal of Biological Chemistry</i> , 2008, 283, 28226-28235.	1.6	55
134	Genesis and Expansion of Metazoan Transcription Factor Gene Classes. <i>Molecular Biology and Evolution</i> , 2008, 25, 980-996.	3.5	262
135	Sponge Paleogenomics Reveals an Ancient Role for Carbonic Anhydrase in Skeletogenesis. <i>Science</i> , 2007, 316, 1893-1895.	6.0	111
136	The systematics of Raspailiidae (Demospongiae: Poecilosclerida: Microcionina) re-analysed with a ribosomal marker. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1571-1576.	0.4	22
137	Analysis of evolutionary, biogeographical and taxonomic patterns of nucleotide composition in demosponge rRNA. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1607-1614.	0.4	6
138	The role of MAPK signaling in patterning and establishing axial symmetry in the gastropod <i>Haliotis asinina</i> . <i>Developmental Biology</i> , 2007, 311, 200-212.	0.9	58
139	The effect of ionizing irradiation of post-larvae on subsequent survival and reproductive performance in the Kuruma shrimp, <i>Penaeus (Marsupenaeus) japonicus</i> (Bate). <i>Aquaculture</i> , 2007, 264, 309-322.	1.7	10
140	Differential expression of immune-related genes and transposable elements in black tiger shrimp (<i>Penaeus monodon</i>) exposed to a range of environmental stressors. <i>Fish and Shellfish Immunology</i> , 2007, 23, 1072-1088.	1.6	66
141	Real-time RT-PCR quantification of Kuruma shrimp transcripts: A comparison of relative and absolute quantification procedures. <i>Journal of Biotechnology</i> , 2007, 129, 391-399.	1.9	67
142	Stress-induced gene expression profiling in the black tiger shrimp <i>Penaeus monodon</i> . <i>Physiological Genomics</i> , 2007, 31, 126-138.	1.0	59
143	Mitochondrial Diversity of Early-Branching Metazoa Is Revealed by the Complete mt Genome of a Haplosclerid Demosponge. <i>Molecular Biology and Evolution</i> , 2007, 24, 19-22.	3.5	52
144	Wnt and TGF- β 2 Expression in the Sponge <i>Amphimedon queenslandica</i> and the Origin of Metazoan Embryonic Patterning. <i>PLoS ONE</i> , 2007, 2, e1031.	1.1	216

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145	Affinities of the family Sollasellidae (Porifera, Demospongiae). II. Molecular evidence. Contributions To Zoology, 2007, 76, 95-102.	0.2	15
146	<i>Aplysia</i> temptinâ€™fâ€™the â€™glueâ€™™ in the waterâ€™borne attractin pheromone complex. FEBS Journal, 2007, 274, 5425-5437.	2.2	24
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