Bernard M Degnan

List of Publications by Year
in descending order

226	17,606	18482 62	17105 122
papers	citations	h-index	g-index

232	232	232	14031
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Distal regulation, silencers, and a shared combinatorial syntax are hallmarks of animal embryogenesis. Genome Research, 2022, 32, 474-487.	5.5	7
2	Phototransduction in a marine sponge provides insights into the origin of animal vision. IScience, 2022, 25, 104436.	4.1	1
3	Staining and Tracking Methods for Studying Sponge Cell Dynamics. Methods in Molecular Biology, 2021, 2219, 81-97.	0.9	5
4	The Iron-Responsive Genome of the Chiton Acanthopleura granulata. Genome Biology and Evolution, 2021, 13, .	2.5	42
5	Deep conservation of the enhancer regulatory code in animals. Science, 2020, 370, .	12.6	89
6	Pearl Sac Gene Expression Profiles Associated With Pearl Attributes in the Silver-Lip Pearl Oyster, Pinctada maxima. Frontiers in Genetics, 2020, 11, 597459.	2.3	11
7	Co-expression of synaptic genes in the sponge Amphimedon queenslandica uncovers ancient neural submodules. Scientific Reports, 2019, 9, 15781.	3.3	11
8	Pluripotency and the origin of animal multicellularity. Nature, 2019, 570, 519-522.	27.8	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. BMC Evolutionary Biology, 2019, 19, 96.	3.2	6
10	Convergent evolution of a vertebrate-like methylome in a marine sponge. Nature Ecology and Evolution, 2019, 3, 1464-1473.	7.8	47
11	The evolution of mollusc shells. Wiley Interdisciplinary Reviews: Developmental Biology, 2018, 7, e313.	5.9	59
12	Long non-coding regulatory RNAs in sponges and insights into the origin of animal multicellularity. RNA Biology, 2018, 15, 1-7.	3.1	14
13	The evolution of ependymin-related proteins. BMC Evolutionary Biology, 2018, 18, 182.	3.2	17
14	Diverse RNA interference strategies in early-branching metazoans. BMC Evolutionary Biology, 2018, 18, 160.	3.2	22
15	Early metazoan cell type diversity and the evolution of multicellular gene regulation. Nature Ecology and Evolution, 2018, 2, 1176-1188.	7.8	226
16	Sponge Long Non-Coding RNAs Are Expressed in Specific Cell Types and Conserved Networks. Non-coding RNA, 2018, 4, 6.	2.6	8
17	Co-option and de novo gene evolution underlie molluscan shell diversity. Molecular Biology and Evolution, 2017, 34, msw294.	8.9	67
18	Origin and evolution of the sponge aggregation factor gene family. Molecular Biology and Evolution, 2017, 34, msx058.	8.9	27

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19	The origin of Metazoa: a unicellular perspective. Nature Reviews Genetics, 2017, 18, 498-512.	16.3	239
20	Seasonal changes in environmental nutrient availability and biomass composition in a coral reef sponge. Marine Biology, 2017, 164, 1.	1.5	3
21	The crown-of-thorns starfish genome as a guide for biocontrol of this coral reef pest. Nature, 2017, 544, 231-234.	27.8	157
22	Lipidomics of the sea sponge Amphimedon queenslandica and implication for biomarker geochemistry. Geobiology, 2017, 15, 836-843.	2.4	12
23	Origin and evolution of the metazoan non-coding regulatory genome. Developmental Biology, 2017, 427, 193-202.	2.0	42
24	Variation in Orthologous Shell-Forming Proteins Contribute to Molluscan Shell Diversity. Molecular Biology and Evolution, 2017, 34, 2959-2969.	8.9	15
25	Transcriptomic Profiling of the Allorecognition Response to Grafting in the Demosponge Amphimedon queenslandica. Marine Drugs, 2017, 15, 136.	4.6	3
26	Origin of the Animal Circadian Clock: Diurnal and Light-Entrained Gene Expression in the Sponge Amphimedon queenslandica. Frontiers in Marine Science, 2017, 4, .	2.5	15
27	Landscape of histone modifications in a sponge reveals the origin of animal cis-regulatory complexity. ELife, 2017, 6, .	6.0	51
28	Bilaterian-like promoters in the highly compact Amphimedon queenslandica genome. Scientific Reports, 2016, 6, 22496.	3.3	18
29	An ancient role for nitric oxide in regulating the animal pelagobenthic life cycle: evidence from a marine sponge. Scientific Reports, 2016, 6, 37546.	3.3	54
30	Identification of a female spawnâ€associated Kazalâ€type inhibitor from the tropical abalone Haliotis asinina. Journal of Peptide Science, 2016, 22, 461-470.	1.4	4
31	Comparative Morphological Analysis of the Immature Stages of the Grass Blue Butterflies Zizeeria and Zizina (Lepidoptera: Lycaenidae). Zoological Science, 2016, 33, 384.	0.7	6
32	Sea shell diversity and rapidly evolving secretomes: insights into the evolution of biomineralization. Frontiers in Zoology, 2016, 13, 23.	2.0	144
33	The diversification of the basic leucine zipper family in eukaryotes correlates with the evolution of multicellularity. BMC Evolutionary Biology, 2016, 16, 28.	3.2	62
34	The importance of evo-devo to an integrated understanding of molluscan biomineralisation. Journal of Structural Biology, 2016, 196, 67-74.	2.8	41
35	Host and donor influence on pearls produced by the silver-lip pearl oyster, Pinctada maxima. Aquaculture, 2016, 450, 313-320.	3.5	24
36	The mid-developmental transition and the evolution of animal body plans. Nature, 2016, 531, 637-641.	27.8	231

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37	The ontogeny of choanocyte chambers during metamorphosis in the demosponge Amphimedon queenslandica. EvoDevo, 2016, 7, 6.	3.2	27
38	The Widespread Prevalence and Functional Significance of Silk-Like Structural Proteins in Metazoan Biological Materials. PLoS ONE, 2016, 11, e0159128.	2.5	19
39	Ancestral role of Pax2/5/8 in molluscan brain and multimodal sensory system development. BMC Evolutionary Biology, 2015, 15, 231.	3.2	33
40	Deep developmental transcriptome sequencing uncovers numerous new genes and enhances gene annotation in the sponge Amphimedon queenslandica. BMC Genomics, 2015, 16, 387.	2.8	91
41	Dynamic and Widespread lncRNA Expression in a Sponge and the Origin of Animal Complexity. Molecular Biology and Evolution, 2015, 32, 2367-2382.	8.9	66
42	The ParaHox gene Gsx patterns the apical organ and central nervous system but not the foregut in scaphopod and cephalopod mollusks. EvoDevo, 2015, 6, 41.	3.2	26
43	The origin of the ADAR gene family and animal RNA editing. BMC Evolutionary Biology, 2015, 15, 4.	3.2	65
44	Sensory Flask Cells in Sponge Larvae Regulate Metamorphosis via Calcium Signaling. Integrative and Comparative Biology, 2015, 55, 1018-1027.	2.0	31
45	Porifera. , 2015, , 65-106.		26
46	How to Build an Allorecognition System: A Guide for Prospective Multicellular Organisms. Advances in Marine Genomics, 2015, , 395-424.	1.2	8
47	Analysis of the Biomass Composition of the Demosponge Amphimedon queenslandica on Heron Island Reef, Australia. Marine Drugs, 2014, 12, 3733-3753.	4.6	4
48	Genomic organization of <scp>H</scp>ox and <scp>P</scp>ara<scp>H</scp>ox clusters in the echinoderm, <scp>A</scp>canthaster planci. Genesis, 2014, 52, 952-958.	1.6	40
49	Reduced loads of pre-existing Gill-associated virus (GAV) infection in juvenile Penaeus monodon injected with single or multiple GAV-specific dsRNAs. Aquaculture, 2014, 434, 272-276.	3.5	7
50	BLIND ordering of large-scale transcriptomic developmental timecourses. Development (Cambridge), 2014, 141, 1161-1166.	2.5	51
51	POU genes are expressed during the formation of individual ganglia of the cephalopod central nervous system. EvoDevo, 2014, 5, 41.	3.2	25
52	Evolution of the tyrosinase gene family in bivalve molluscs: Independent expansion of the mantle gene repertoire. Acta Biomaterialia, 2014, 10, 3855-3865.	8.3	86
53	Evolutionary origin of gastrulation: insights from sponge development. BMC Biology, 2014, 12, 26.	3.8	78
54	Control of shell pigmentation by secretory tubules in the abalone mantle. Frontiers in Zoology, 2014, 11, .	2.0	49

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55	Determining the Biomass Composition of a Sponge Holobiont for Flux Analysis. Methods in Molecular Biology, 2014, 1191, 107-125.	0.9	7
56	Origin, evolution and classification of type-3 copper proteins: lineage-specific gene expansions and losses across the Metazoa. BMC Evolutionary Biology, 2013, 13, 96.	3.2	64
57	Pearls. Current Biology, 2013, 23, R671-R673.	3.9	11
58	Rapid evolution of pearl oyster shell matrix proteins with repetitive, low-complexity domains. Journal of the Royal Society Interface, 2013, 10, 20130041.	3.4	55
59	Origin and Evolution of Laminin Gene Family Diversity. Molecular Biology and Evolution, 2012, 29, 1823-1836.	8.9	45
60	Functionalization of a protosynaptic gene expression network. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10612-10618.	7.1	55
61	Blue-light-receptive cryptochrome is expressed in a sponge eye lacking neurons and opsin. Journal of Experimental Biology, 2012, 215, 1278-1286.	1.7	90
62	Differential expression of neuropeptides correlates with growth rate in cultivated Haliotis asinina (Vetigastropoda: Mollusca). Aquaculture, 2012, 334-337, 159-168.	3.5	11
63	Transcriptome profiling of the demosponge Amphimedon queenslandica reveals genome-wide events that accompany major life cycle transitions. BMC Genomics, 2012, 13, 209.	2.8	47
64	Marked changes in neuropeptide expression accompany broadcast spawnings in the gastropod Haliotis asinina. Frontiers in Zoology, 2012, 9, 9.	2.0	40
65	The expression of Delta ligands in the sponge Amphimedon queenslandica suggests an ancient role for Notch signaling in metazoan development. EvoDevo, 2012, 3, 15.	3.2	35
66	Variation in rates of early development in Haliotis asinina generate competent larvae of different ages. Frontiers in Zoology, 2012, 9, 2.	2.0	12
67	The VD1/RPD2 Î±1-neuropeptide is highly expressed in the brain of cephalopod mollusks. Cell and Tissue Research, 2012, 348, 439-452.	2.9	8
68	Independent evolution of striated muscles in cnidarians and bilaterians. Nature, 2012, 487, 231-234.	27.8	221
69	First evidence of miniature transposable elements in sponges (Porifera). Hydrobiologia, 2012, 687, 43-47.	2.0	2
70	Characterization of mucusâ€associated proteins from abalone (Haliotis) â€“ candidates for chemical signaling. FEBS Journal, 2012, 279, 437-450.	4.7	19
71	Extreme Aggression in Male Squid Induced by a Î²-MSP-like Pheromone. Current Biology, 2011, 21, 322-327.	3.9	53
72	Modularity of gene-regulatory networks revealed in sea-star development. BMC Biology, 2011, 9, 6.	3.8	3

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73	Molecular analysis of two FMRFamideâ€encoding transcripts expressed during the development of the tropical abalone haliotis asinina. Journal of Comparative Neurology, 2011, 519, 2043-2059.	1.6	22
74	What sponges can tell us about the evolution of developmental processes. Zoology, 2011, 114, 1-10.	1.2	55
75	NUMTs in the Sponge Genome Reveal Conserved Transposition Mechanisms in Metazoans. Molecular Biology and Evolution, 2011, 28, 1-5.	8.9	19
76	Ultrastructure of the Mantle of the Gastropod <i>Haliotis asinina </i>and Mechanisms of Shell Regionalization. Cells Tissues Organs, 2011, 194, 103-107.	2.3	32
77	Unexpected Repertoire of Metazoan Transcription Factors in the Unicellular Holozoan Capsaspora owczarzaki. Molecular Biology and Evolution, 2011, 28, 1241-1254.	8.9	172
78	Evolution of RNA-Binding Proteins in Animals: Insights from Genome-Wide Analysis in the Sponge Amphimedon queenslandica. Molecular Biology and Evolution, 2011, 28, 2289-2303.	8.9	49
79	Parallel Evolution of Nacre Building Gene Sets in Molluscs. Molecular Biology and Evolution, 2010, 27, 591-608.	8.9	239
80	Developmental expression of COE across the Metazoa supports a conserved role in neuronal cell-type specification and mesodermal development. Development Genes and Evolution, 2010, 220, 221-234.	0.9	28
81	Expression of serotonin (5-HT) during CNS development of the cephalopod mollusk, Idiosepius notoides. Cell and Tissue Research, 2010, 342, 161-178.	2.9	41
82	Expression of Sex and Reproduction-Related Genes in Marsupenaeus japonicus. Marine Biotechnology, 2010, 12, 664-677.	2.4	13
83	Identifying the germline in an equally cleaving mollusc: Vasa and Nanos expression during embryonic and larval development of the vetigastropod Haliotis asinina. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2010, 314B, 267-279.	1.3	34
84	Early evolution of the LIM homeobox gene family. BMC Biology, 2010, 8, 4.	3.8	77
85	FMRFamide gene and peptide expression during central nervous system development of the cephalopod mollusk, Idiosepius notoides. Evolution & Development, 2010, 12, 113-130.	2.0	49
86	Structure and expression of conserved Wnt pathway components in the demosponge Amphimedon queenslandica. Evolution & Development, 2010, 12, 494-518.	2.0	112
87	The genome of the sponge Amphimedon queenslandica provides new perspectives into the origin of Tollâ€like and interleukin 1 receptor pathways. Evolution & Development, 2010, 12, 519-533.	2.0	79
88	The rise of genomics sheds light on the dawn of animals. Evolution & Development, 2010, 12, 425-427.	2.0	2
89	Origin of animal epithelia: insights from the sponge genome. Evolution & Development, 2010, 12, 601-617.	2.0	94
90	Diversity of Mycobacterium species from marine sponges and their sensitivity to antagonism by sponge-derived rifamycin-synthesizing actinobacterium in the genus Salinispora. FEMS Microbiology Letters, 2010, 313, 33-40.	1.8	20

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91	Nuclear-localized tiny RNAs are associated with transcription initiation and splice sites in metazoans. Nature Structural and Molecular Biology, 2010, 17, 1030-1034.	8.2	146
92	The Amphimedon queenslandica genome and the evolution of animal complexity. Nature, 2010, 466, 720-726.	27.8	917
93	Male Accessory Gland Protein Reduces Egg Laying in a Simultaneous Hermaphrodite. PLoS ONE, 2010, 5, e10117.	2.5	65
94	The initiation of metamorphosis as an ancient polyphenic trait and its role in metazoan life-cycle evolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 641-651.	4.0	47
95	Sensory sea slugs. Communicative and Integrative Biology, 2010, 3, 423-426.	1.4	8
96	Protein Evolution by Molecular Tinkering: Diversification of the Nuclear Receptor Superfamily from a Ligand-Dependent Ancestor. PLoS Biology, 2010, 8, e1000497.	5.6	202
97	Proteomic analysis of the organic matrix of the abalone Haliotis asinina calcified shell. Proteome Science, 2010, 8, 54.	1.7	119
98	Identification of an Attractin-Like Pheromone in the Mucus-Secreting Hypobranchial Gland of the AbaloneHaliotis asininaLinnaeus. Journal of Shellfish Research, 2010, 29, 699-704.	0.9	6
99	Conservation of the egg-laying hormone neuropeptide and attractin pheromone in the spotted sea hare, Aplysia dactylomela. Peptides, 2010, 31, 394-401.	2.4	17
100	Evolutionary genomics of the Fox genes: Origin of gene families and the ancestry of gene clusters. Genomics, 2010, 95, 256-260.	2.9	68
101	Identification of Genes Differentially Expressed in the Ganglia of GrowingHaliotis asinina. Journal of Shellfish Research, 2010, 29, 741-752.	0.9	5
102	Evolution of a Novel Carotenoid-Binding Protein Responsible for Crustacean Shell Color. Molecular Biology and Evolution, 2009, 26, 1851-1864.	8.9	78
103	Molecular identification of candidate chemoreceptor genes and signal transduction components in the sensory epithelium ofAplysia. Journal of Experimental Biology, 2009, 212, 2037-2044.	1.7	17
104	Nacre Evolution : A Proteomic Approach. Materials Research Society Symposia Proceedings, 2009, 1187, 13.	0.1	5
105	Expression of a poriferan potassium channel: insights into the evolution of ion channels in metazoans. Journal of Experimental Biology, 2009, 212, 761-767.	1.7	25
106	Origin and evolution of the Notch signalling pathway: an overview from eukaryotic genomes. BMC Evolutionary Biology, 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. BMC Research Notes, 2009, 2, 59.	1.4	13
108	Development of the neuromuscular system during asexual propagation in an invertebrate chordate. Developmental Dynamics, 2009, 238, 2081-2094.	1.8	17

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109	Molecular characterization and analysis of a truncated serotonin receptor gene expressed in neural and reproductive tissues of abalone. Histochemistry and Cell Biology, 2009, 131, 629-642.	1.7	16
110	Convergent Antifouling Activities of Structurally Distinct Bioactive Compounds Synthesized Within Two Sympatric Haliclona Demosponges. Marine Biotechnology, 2009, 11, 188-198.	2.4	26
111	Candidate chemoreceptor subfamilies differentially expressed in the chemosensory organs of the mollusc Aplysia. BMC Biology, 2009, 7, 28.	3.8	47
112	Widespread transcriptional changes preâ€empt the critical pelagicâ€“benthic transition in the vetigastropod Haliotis asinina. Molecular Ecology, 2009, 18, 1006-1025.	3.9	55
113	The Dawn of Developmental Signaling in the Metazoa. Cold Spring Harbor Symposia on Quantitative Biology, 2009, 74, 81-90.	1.1	94
114	Early evolution of metazoan transcription factors. Current Opinion in Genetics and Development, 2009, 19, 591-599.	3.3	123
115	Expression of prohormone convertase 2 and the generation of neuropeptides in the developing nervous system of the gastropod Haliotis. International Journal of Developmental Biology, 2009, 53, 1081-1088.	0.6	14
116	The transcription factor NF-ÎºB in the demosponge Amphimedon queenslandica: insights on the evolutionary origin of the Rel homology domain. Development Genes and Evolution, 2008, 218, 23-32.	0.9	59
117	Impact of ecologically relevant heat shocks on Hsp developmental function in the vetigastropod Haliotis asinina. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2008, 310B, 450-464.	1.3	7
118	The Demosponge Amphimedon queenslandica: Reconstructing the Ancestral Metazoan Genome and Deciphering the Origin of Animal Multicellularity. Cold Spring Harbor Protocols, 2008, 2008, pdb.emo108.	0.3	24
119	Early activation of adult organ differentiation during delay of metamorphosis in solitary ascidians, and consequences for juvenile growth. Invertebrate Biology, 2008, 127, 217-236.	0.9	13
120	Early origins and evolution of microRNAs and Piwi-interacting RNAs in animals. Nature, 2008, 455, 1193-1197.	27.8	630
121	Deciphering the fossil record of early bilaterian embryonic development in light of experimental taphonomy. Evolution & Development, 2008, 10, 339-349.	2.0	27
122	Will increased storm disturbance affect the biodiversity of intertidal, nonscleractinian sessile fauna on coral reefs?. Global Change Biology, 2008, 14, 2755-2770.	9.5	20
123	Sponge Genes Provide New Insight into the Evolutionary Origin of the Neurogenic Circuit. Current Biology, 2008, 18, 1156-1161.	3.9	140
124	Control of shell colour changes in the lobster, Panulirus cygnus. Journal of Experimental Biology, 2008, 211, 1512-1519.	1.7	15
125	Characterization of Aplysia Alb-1, a candidate water-borne protein pheromone released during egg laying. Peptides, 2008, 29, 152-161.	2.4	14
126	Partitioning of genetically distinct cell populations in chimeric juveniles of the sponge Amphimedon queenslandica. Developmental and Comparative Immunology, 2008, 32, 1270-1280.	2.3	20

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127	An ancient and variable mannose-binding lectin from the coral Acropora millepora binds both pathogens and symbionts. Developmental and Comparative Immunology, 2008, 32, 1582-1592.	2.3	170
128	Analysis of Cell Movement in Amphimedon Embryos by Injection of Fluorescent Tracers. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot5097-pdb.prot5097.	0.3	4
129	Genotyping Individual Amphimedon Embryos, Larvae, and Adults. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot5098-pdb.prot5098.	0.3	2
130	Isolation of Amphimedon Developmental Material. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot5095-pdb.prot5095.	0.3	29
131	Whole-Mount In Situ Hybridization in Amphimedon. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot5096.	0.3	17
132	Does the High Gene Density in the Sponge NK Homeobox Gene Cluster Reflect Limited Regulatory Capacity?. Biological Bulletin, 2008, 214, 205-217.	1.8	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. Journal of Biological Chemistry, 2008, 283, 28226-28235.	3.4	55
134	Genesis and Expansion of Metazoan Transcription Factor Gene Classes. Molecular Biology and Evolution, 2008, 25, 980-996.	8.9	262
135	Sponge Paleogenomics Reveals an Ancient Role for Carbonic Anhydrase in Skeletogenesis. Science, 2007, 316, 1893-1895.	12.6	111
136	The systematics of Raspailiidae (Demospongiae: Poecilosclerida: Microcionina) re-analysed with a ribosomal marker. Journal of the Marine Biological Association of the United Kingdom, 2007, 87, 1571-1576.	0.8	22
137	Analysis of evolutionary, biogeographical and taxonomic patterns of nucleotide composition in demosponge rRNA. Journal of the Marine Biological Association of the United Kingdom, 2007, 87, 1607-1614.	0.8	6
138	The role of MAPK signaling in patterning and establishing axial symmetry in the gastropod Haliotis asinina. Developmental Biology, 2007, 311, 200-212.	2.0	58
139	The effect of ionizing irradiation of post-larvae on subsequent survival and reproductive performance in the Kuruma shrimp, Penaeus (Marsupenaeus) japonicus (Bate). Aquaculture, 2007, 264, 309-322.	3.5	10
140	Differential expression of immune-related genes and transposable elements in black tiger shrimp (Penaeus monodon) exposed to a range of environmental stressors. Fish and Shellfish Immunology, 2007, 23, 1072-1088.	3.6	66
141	Real-time RT-PCR quantification of Kuruma shrimp transcripts: A comparison of relative and absolute quantification procedures. Journal of Biotechnology, 2007, 129, 391-399.	3.8	67
142	Stress-induced gene expression profiling in the black tiger shrimp Penaeus monodon. Physiological Genomics, 2007, 31, 126-138.	2.3	59
143	Mitochondrial Diversity of Early-Branching Metazoa Is Revealed by the Complete mt Genome of a Haplosclerid Demosponge. Molecular Biology and Evolution, 2007, 24, 19-22.	8.9	52
144	Wnt and TGF-Î² Expression in the Sponge Amphimedon queenslandica and the Origin of Metazoan Embryonic Patterning. PLoS ONE, 2007, 2, e1031.	2.5	216

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145	Affinities of the family Sollasellidae (Porifera, Demospongiae). II. Molecular evidence. Contributions To Zoology, 2007, 76, 95-102.	0.5	15
146	Aplysia temptinâ€ƒâ”â€ƒthe â€˜glueâ€™ in the waterâ€borne attractin pheromone complex. FEBS Journal, 2007, 274, 5425-5437.	4.7	24
147	Dynamic expression of ancient and novel molluscan shell genes during ecological transitions. BMC Evolutionary Biology, 2007, 7, 160.	3.2	100
148	Origin and diversification of the basic helix-loop-helix gene family in metazoans: insights from comparative genomics. BMC Evolutionary Biology, 2007, 7, 33.	3.2	263
149	The NK Homeobox Gene Cluster Predates the Origin of Hox Genes. Current Biology, 2007, 17, 706-710.	3.9	159
150	The evolutionary origin of hedgehog proteins. Current Biology, 2007, 17, R836-R837.	3.9	121
151	Phylogenetic Analyses Under Secondary Structure-Specific Substitution Models Outperform Traditional Approaches: Case Studies with Diploblast LSU. Journal of Molecular Evolution, 2007, 64, 543-557.	1.8	35
152	A PL10 vasa-Like Gene in the Kuruma Shrimp, Marsupenaeus japonicus, Expressed During Development and in Adult Gonad. Marine Biotechnology, 2007, 9, 377-387.	2.4	20
153	Developmental expression of Hsp90, Hsp70 and HSF during morphogenesis in the vetigastropod Haliotis asinina. Development Genes and Evolution, 2007, 217, 603-612.	0.9	44
154	A Post-Synaptic Scaffold at the Origin of the Animal Kingdom. PLoS ONE, 2007, 2, e506.	2.5	215
155	The Origins of Novel Protein Interactions during Animal Opsin Evolution. PLoS ONE, 2007, 2, e1054.	2.5	99
156	Short-term hyperthermic treatment of Penaeus monodon increases expression of heat shock protein 70 (HSP70) and reduces replication of gill associated virus (GAV). Aquaculture, 2006, 253, 82-90.	3.5	63
157	Production of triploid Kuruma shrimp, Marsupenaeus (Penaeus) japonicus (Bate) nauplii through inhibition of polar body I, or polar body I and II extrusion using 6-dimethylaminopurine. Aquaculture, 2006, 256, 337-345.	3.5	32
158	Heritability estimates for growth in the tropical abalone Haliotis asinina using microsatellites to assign parentage. Aquaculture, 2006, 259, 146-152.	3.5	50
159	Parasitic castration by the digenian trematodeAllopodocotylesp. alters gene expression in the brain of the host molluscHaliotis asinina. FEBS Letters, 2006, 580, 3769-3774.	2.8	11
160	A rapidly evolving secretome builds and patterns a sea shell. BMC Biology, 2006, 4, 40.	3.8	180
161	Developmental expression of transcription factor genes in a demosponge: insights into the origin of metazoan multicellularity. Evolution & Development, 2006, 8, 150-173.	2.0	165
162	Pleistocene isolation and recent gene flow in Haliotis asinina, an Indo-Pacific vetigastropod with limited dispersal capacity. Molecular Ecology, 2006, 16, 289-304.	3.9	67

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163	Evolution in temperate and tropical seas: Disparate patterns in southern hemisphere abalone (Mollusca: Vetigastropoda: Haliotidae). Molecular Phylogenetics and Evolution, 2006, 41, 249-256.	2.7	36
164	EXPRESSED SEQUENCE TAG ANALYSIS OF GENES EXPRESSED DURING DEVELOPMENT OF THE TROPICAL ABALONE HALIOTIS ASININA. Journal of Shellfish Research, 2006, 25, 225-231.	0.9	18
165	The effect of larval age on morphology and gene expression during ascidian metamorphosis. Integrative and Comparative Biology, 2006, 46, 760-776.	2.0	22
166	THE EFFECTIVENESS OF HEAT, COLD AND 6-DIMETHYLAMINOPURINE SHOCKS FOR INDUCING TETRAPLOIDY IN THE KURUMA SHRIMP, MARSUPENAEUS JAPONICUS (BATE). Journal of Shellfish Research, 2006, 25, 631-637.	0.9	9
167	The origin of the pelagobenthic metazoan life cycle: what's sex got to do with it?. Integrative and Comparative Biology, 2006, 46, 683-690.	2.0	34
168	Sponges. Current Biology, 2005, 15, R114-R115.	3.9	16
169	Developmental expression of two Haliotis asinina hemocyanin isoforms. Differentiation, 2005, 73, 341-349.	1.9	18
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