

Noriyuki Satoh

List of Publications by Year in descending order

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Version: 2024-02-01

469
papers

27,378
citations

7551

77
h-index

11581

135
g-index

508
all docs

508
docs citations

508
times ranked

13469
citing authors

#	ARTICLE	IF	CITATIONS
1	A single-cell RNA-seq analysis of Brachyury-expressing cell clusters suggests a morphogenesis-associated signal center of oral ectoderm in sea urchin embryos. <i>Developmental Biology</i> , 2022, 483, 128-142.	0.9	8
2	Two Hidden mtDNA-Clades of Crown-of-Thorns Starfish in the Pacific Ocean. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	3
3	Active Expression of Genes for Protein Modification Enzymes in Habu Venom Glands. <i>Toxins</i> , 2022, 14, 300.	1.5	1
4	Transcriptomes of Giant Sea Anemones from Okinawa as a Tool for Understanding Their Phylogeny and Symbiotic Relationships with Anemonefish. <i>Zoological Science</i> , 2022, 39, .	0.3	4
5	Ancestral Stem Cell Reprogramming Genes Active in Hemichordate Regeneration. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	5
6	Development of <sc>DNA</sc> markers that distinguish male and female haploid germings of the brown alga, <sc><i>Cladosiphon okamuranus</i></sc>. <i>Phycological Research</i> , 2022, 70, 160-166.	0.8	2
7	Polyzoa is back: The effect of complete gene sets on the placement of Ectoprocta and Entoprocta. <i>Science Advances</i> , 2022, 8, .	4.7	12
8	Whole-Genome Transcriptome Analyses of Native Symbionts Reveal Host Coral Genomic Novelty for Establishing Coral-Algae Symbioses. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	23
9	Eighteen Coral Genomes Reveal the Evolutionary Origin of <i>Acropora</i> Strategies to Accommodate Environmental Changes. <i>Molecular Biology and Evolution</i> , 2021, 38, 16-30.	3.5	75
10	Expansion and Diversification of Fluorescent Protein Genes in Fifteen <i>Acropora</i> Species during the Evolution of Acroporid Corals. <i>Genes</i> , 2021, 12, 397.	1.0	4
11	Establishing Sustainable Cell Lines of a Coral, <i>Acropora tenuis</i> . <i>Marine Biotechnology</i> , 2021, 23, 373-388.	1.1	23
12	Chloroplast acquisition without the gene transfer in kleptoplastic sea slugs, <i>Plakobranthus ocellatus</i> . <i>ELife</i> , 2021, 10, .	2.8	29
13	Chromosomal Inversion Polymorphisms in Two Sympatric Ascidian Lineages. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	13
14	The "Shellome"™ of the Crocus Clam <i>Tridacna crocea</i> Emphasizes Essential Components of Mollusk Shell Biomineralization. <i>Frontiers in Genetics</i> , 2021, 12, 674539.	1.1	10
15	Genome-wide SNP genotyping reveals hidden population structure of an acroporid species at a subtropical coral island: Implications for coral restoration. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 2429-2439.	0.9	7
16	A Preliminary Single-Cell RNA-Seq Analysis of Embryonic Cells That Express Brachyury in the Amphioxus, <i>Branchiostoma japonicum</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 696875.	1.8	8
17	In vitro Symbiosis of Reef-Building Coral Cells With Photosynthetic Dinoflagellates. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3
18	Genome and transcriptome assemblies of the kuruma shrimp, <i>Marsupenaeus japonicus</i>. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	0.8	20

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19	Color morphs of the coral, <i>Acropora tenuis</i> , show different responses to environmental stress and different expression profiles of fluorescent-protein genes. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	0.8	11
20	A New Dinoflagellate Genome Illuminates a Conserved Gene Cluster Involved in Sunscreen Biosynthesis. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	31
21	Novel Mitochondrial DNA Markers for Scleractinian Corals and Generic-Level Environmental DNA Metabarcoding. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	10
22	Two new species of <i>Rhinogobius</i> (Gobiiformes: Oxudercidae) from Palawan, Philippines, with their phylogenetic placement. <i>Zootaxa</i> , 2021, 5068, 81-98.	0.2	7
23	Whole-Genome Sequencing Highlights Conservative Genomic Strategies of a Stress-Tolerant, Long-Lived Scleractinian Coral, <i>Porites australiensis</i> Vaughan, 1918. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	16
24	Functional shell matrix proteins tentatively identified by asymmetric snail shell morphology. <i>Scientific Reports</i> , 2020, 10, 9768.	1.6	13
25	A Reference Genome from the Symbiotic Hydrozoan, <i>Hydra viridissima</i> . <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 3883-3895.	0.8	14
26	An Investigation into the Genetic History of Japanese Populations of Three Starfish, <i>Acanthaster planci</i> , <i>Linckia laevigata</i> , and <i>Asterias amurensis</i> , Based on Complete Mitochondrial DNA Sequences. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2519-2528.	0.8	5
27	Transcriptome Analyses of Immune System Behaviors in Primary Polyp of Coral <i>Acropora digitifera</i> Exposed to the Bacterial Pathogen <i>Vibrio coralliilyticus</i> under Thermal Loading. <i>Marine Biotechnology</i> , 2020, 22, 748-759.	1.1	15
28	Phylogenetic Analyses of Glycosyl Hydrolase Family 6 Genes in Tunicates: Possible Horizontal Transfer. <i>Genes</i> , 2020, 11, 937.	1.0	4
29	Integrated omics unveil the secondary metabolic landscape of a basal dinoflagellate. <i>BMC Biology</i> , 2020, 18, 139.	1.7	17
30	Correlation between Organelle Genetic Variation and RNA Editing in Dinoflagellates Associated with the Coral <i>Acropora digitifera</i> . <i>Genome Biology and Evolution</i> , 2020, 12, 203-209.	1.1	3
31	Finding cell-specific expression patterns in the early <i>Ciona</i> embryo with single-cell RNA-seq. <i>Scientific Reports</i> , 2020, 10, 4961.	1.6	6
32	Comparative genomics of four strains of the edible brown alga, <i>Cladosiphon okamuranus</i> . <i>BMC Genomics</i> , 2020, 21, 422.	1.2	9
33	Divergent northern and southern populations and demographic history of the pearl oyster in the western Pacific revealed with genomic SNPs. <i>Evolutionary Applications</i> , 2020, 13, 837-853.	1.5	24
34	GABA-Induced GnRH Release Triggers Chordate Metamorphosis. <i>Current Biology</i> , 2020, 30, 1555-1561.e4.	1.8	19
35	Deeply conserved synteny resolves early events in vertebrate evolution. <i>Nature Ecology and Evolution</i> , 2020, 4, 820-830.	3.4	250
36	Phylogenetic comparisons reveal mosaic histories of larval and adult shell matrix protein deployment in pteriomorph bivalves. <i>Scientific Reports</i> , 2020, 10, 22140.	1.6	3

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37	Dicyemid Mesozoans: A Unique Parasitic Lifestyle and a Reduced Genome. <i>Genome Biology and Evolution</i> , 2019, 11, 2232-2243.	1.1	15
38	Alternative mRNA Splicing in Three Venom Families Underlying a Possible Production of Divergent Venom Proteins of the Habu Snake, <i>Protobothrops flavoviridis</i> . <i>Toxins</i> , 2019, 11, 581.	1.5	22
39	Differential gene expression in fronds and stolons of the siphonous macroalga, <i>Caulerpa lentillifera</i> . <i>Development Growth and Differentiation</i> , 2019, 61, 475-484.	0.6	8
40	A Nearly Complete Genome of <i>Ciona intestinalis</i> Type A (C.Ârobusta) Reveals the Contribution of Inversion to Chromosomal Evolution in the Genus <i>Ciona</i> . <i>Genome Biology and Evolution</i> , 2019, 11, 3144-3157.	1.1	81
41	A deep dive into the development of sea squirts. <i>Nature</i> , 2019, 571, 333-334.	13.7	3
42	Transcriptomic profiling of the mussel <i>Mytilus trossulus</i> with a special emphasis on integrin-like genes during development. <i>Invertebrate Reproduction and Development</i> , 2019, 63, 231-240.	0.3	0
43	Mitigating Anticipated Effects of Systematic Errors Supports Sister-Group Relationship between Xenacoelomorpha and Ambulacraria. <i>Current Biology</i> , 2019, 29, 1818-1826.e6.	1.8	120
44	ORTHOSCOPE Analysis Reveals the Presence of the Cellulose Synthase Gene in All Tunicate Genomes but Not in Other Animal Genomes. <i>Genes</i> , 2019, 10, 294.	1.0	10
45	Medusozoan genomes inform the evolution of the jellyfish body plan. <i>Nature Ecology and Evolution</i> , 2019, 3, 811-822.	3.4	94
46	Draft genome of the brown alga, <i>Nemacystus decipiens</i> , Onna-1 strain: Fusion of genes involved in the sulfated fucan biosynthesis pathway. <i>Scientific Reports</i> , 2019, 9, 4607.	1.6	33
47	Diversified secondary metabolite biosynthesis gene repertoire revealed in symbiotic dinoflagellates. <i>Scientific Reports</i> , 2019, 9, 1204.	1.6	21
48	A siphonous macroalgal genome suggests convergent functions of homeobox genes in algae and land plants. <i>DNA Research</i> , 2019, 26, 183-192.	1.5	35
49	A draft nuclear-genome assembly of the acoel flatworm <i>Praesagittifera naikaiensis</i> . <i>GigaScience</i> , 2019, 8, .	3.3	18
50	A Likely Ancient Genome Duplication in the Speciose Reef-Building Coral Genus, <i>Acropora</i> . <i>IScience</i> , 2019, 13, 20-32.	1.9	11
51	Gene expression profiles of dicyemid life-cycle stages may explain how dispersing larvae locate new hosts. <i>Zoological Letters</i> , 2019, 5, 32.	0.7	0
52	Symbiotic bacteria associated with ascidian vanadium accumulation identified by 16S rRNA amplicon sequencing. <i>Marine Genomics</i> , 2019, 43, 33-42.	0.4	30
53	Heterochirality results from reduction of maternal diaph expression in a terrestrial pulmonate snail. <i>Zoological Letters</i> , 2019, 5, 2.	0.7	10
54	A New Spiralian Phylogeny Places the Enigmatic Arrow Worms among Gnathiferans. <i>Current Biology</i> , 2019, 29, 312-318.e3.	1.8	201

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55	ORTHOSCOPE: An Automatic Web Tool for Phylogenetically Inferring Bilaterian Orthogroups with User-Selected Taxa. <i>Molecular Biology and Evolution</i> , 2019, 36, 621-631.	3.5	21
56	Xenacoelomorph-Specific Hox Peptides: Insights into the Phylogeny of Acoels, Nemertodermatids, and Xenoturbellids. <i>Zoological Science</i> , 2019, 36, 395.	0.3	1
57	Genetic diversity of farmed and wild populations of the reef-building coral, <i>Acropora tenuis</i> . <i>Restoration Ecology</i> , 2018, 26, 1195-1202.	1.4	8
58	Genetic and molecular basis of the immune system in the brachiopod <i>Lingula anatina</i> . <i>Developmental and Comparative Immunology</i> , 2018, 82, 7-30.	1.0	31
59	Deuterostome Genomics: Lineage-Specific Protein Expansions That Enabled Chordate Muscle Evolution. <i>Molecular Biology and Evolution</i> , 2018, 35, 914-924.	3.5	16
60	Deciphering the nature of the coral- <i>Chromera</i> association. <i>ISME Journal</i> , 2018, 12, 776-790.	4.4	56
61	Unprecedented Cyclization Catalyzed by a Cytochrome P450 in Benzastatin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2018, 140, 6631-6639.	6.6	82
62	Isolation and characterization of novel polymorphic microsatellite loci for the deep-sea hydrothermal vent limpet, <i>Lepetodrilus nux</i> , and the vent-associated squat lobster, <i>Shinkaia crosnieri</i> . <i>Marine Biodiversity</i> , 2018, 48, 677-684.	0.3	7
63	Review of <i>Schismatogobius</i> (Gobiidae) from Japan, with the description of a new species. <i>Ichthyological Research</i> , 2018, 65, 56-77.	0.5	1
64	Nemertean and phoronid genomes reveal lophotrochozoan evolution and the origin of bilaterian heads. <i>Nature Ecology and Evolution</i> , 2018, 2, 141-151.	3.4	98
65	Functional Analyses of MMPs for Aragonite Crystal Formation in the Ligament of <i>Pinctada fucata</i> . <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	4
66	The phylum Vertebrata: a case for zoological recognition. <i>Zoological Letters</i> , 2018, 4, 32.	0.7	32
67	A draft genome of the striped catfish, <i>Pangasianodon hypophthalmus</i> , for comparative analysis of genes relevant to development and a resource for aquaculture improvement. <i>BMC Genomics</i> , 2018, 19, 733.	1.2	34
68	The Roles of Introgression and Climate Change in the Rise to Dominance of <i>Acropora</i> Corals. <i>Current Biology</i> , 2018, 28, 3373-3382.e5.	1.8	65
69	Structural and functional analyses of calcium ion response factors in the mantle of <i>Pinctada fucata</i> . <i>Journal of Structural Biology</i> , 2018, 204, 240-249.	1.3	7
70	Regulatory cocktail for dopaminergic neurons in a protovertebrate identified by whole-embryo single-cell transcriptomics. <i>Genes and Development</i> , 2018, 32, 1297-1302.	2.7	34
71	Dual Gene Repertoires for Larval and Adult Shells Reveal Molecules Essential for Molluscan Shell Formation. <i>Molecular Biology and Evolution</i> , 2018, 35, 2751-2761.	3.5	43
72	Biochemical characterization of the skeletal matrix of the massive coral, <i>Porites australiensis</i> – The saccharide moieties and their localization. <i>Journal of Structural Biology</i> , 2018, 203, 219-229.	1.3	11

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73	The habu genome reveals accelerated evolution of venom protein genes. <i>Scientific Reports</i> , 2018, 8, 11300.	1.6	58
74	Two divergent Symbiodinium genomes reveal conservation of a gene cluster for sunscreen biosynthesis and recently lost genes. <i>BMC Genomics</i> , 2018, 19, 458.	1.2	114
75	Using Seawater to Document Coral-Zoothamnella Diversity: A New Approach to Coral Reef Monitoring Using Environmental DNA. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	23
76	A Possible Trifunctional Î ² -Carotene Synthase Gene Identified in the Draft Genome of <i>Aurantiochytrium</i> sp. Strain KH105. <i>Genes</i> , 2018, 9, 200.	1.0	32
77	Enhancer activities of amphioxus <i>Brachyury</i> genes in embryos of the ascidian, <i>Ciona intestinalis</i> . <i>Genesis</i> , 2018, 56, e23240.	0.8	4
78	Chitin-based barrier immunity and its loss predated mucus-colonization by indigenous gut microbiota. <i>Nature Communications</i> , 2018, 9, 3402.	5.8	65
79	Metabolic co-dependence drives the evolutionarily ancient Hydra-Chlorella symbiosis. <i>ELife</i> , 2018, 7, .	2.8	47
80	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
81	A Large and Consistent Phylogenomic Dataset Supports Sponges as the Sister Group to All Other Animals. <i>Current Biology</i> , 2017, 27, 958-967.	1.8	423
82	Small genome symbiont underlies cuticle hardness in beetles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8382-E8391.	3.3	127
83	Microsatellite markers for multiple <i>Pocillopora</i> genetic lineages offer new insights about coral populations. <i>Scientific Reports</i> , 2017, 7, 6729.	1.6	7
84	Possible co-option of <i>engrailed</i> during brachiopod and mollusc shell development. <i>Biology Letters</i> , 2017, 13, 20170254.	1.0	9
85	Identification of putative olfactory G-protein coupled receptors in Crown-of-Thorns starfish, <i>Acanthaster planci</i> . <i>BMC Genomics</i> , 2017, 18, 400.	1.2	18
86	The chordate ancestor possessed a single copy of the <i>Brachyury</i> gene for notochord acquisition. <i>Zoological Letters</i> , 2017, 3, 4.	0.7	13
87	The phylogenetic position of dicyemid mesozoans offers insights into spiralian evolution. <i>Zoological Letters</i> , 2017, 3, 6.	0.7	37
88	Metabolic and physiological interdependencies in the <i>Bathymodiolus azoricus</i> symbiosis. <i>ISME Journal</i> , 2017, 11, 463-477.	4.4	116
89	A Spirochaete is suggested as the causative agent of Akoya oyster disease by metagenomic analysis. <i>PLoS ONE</i> , 2017, 12, e0182280.	1.1	38
90	A new species of <i>Xenoturbella</i> from the western Pacific Ocean and the evolution of <i>Xenoturbella</i> . <i>BMC Evolutionary Biology</i> , 2017, 17, 245.	3.2	16

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91	Hox gene cluster of the ascidian, <i>Halocynthia roretzi</i> , reveals multiple ancient steps of cluster disintegration during ascidian evolution. <i>Zoological Letters</i> , 2017, 3, 17.	0.7	14
92	Multiple I-Type Lysozymes in the Hydrothermal Vent Mussel <i>Bathymodiolus azoricus</i> and Their Role in Symbiotic Plasticity. <i>PLoS ONE</i> , 2016, 11, e0148988.	1.1	14
93	Production of a Novel Amide-Containing Polyene by Activating a Cryptic Biosynthetic Gene Cluster in <i>Streptomyces</i> sp. MSC090213JE08. <i>ChemBioChem</i> , 2016, 17, 1464-1471.	1.3	38
94	Genome-wide SNP analysis explains coral diversity and recovery in the Ryukyu Archipelago. <i>Scientific Reports</i> , 2016, 5, 18211.	1.6	57
95	Comparative Genomics of Deuterostomes. , 2016, , 59-79.		1
96	Genetic differentiation and connectivity of morphological types of the broadcast-spawning coral <i>Galaxea fascicularis</i> in the Nansei Islands, Japan. <i>Ecology and Evolution</i> , 2016, 6, 1457-1469.	0.8	20
97	Bivalve-specific gene expansion in the pearl oyster genome: implications of adaptation to a sessile lifestyle. <i>Zoological Letters</i> , 2016, 2, 3.	0.7	133
98	The <i>Ciona intestinalis</i> cleavage clock is independent of DNA methylation. <i>Genomics</i> , 2016, 108, 168-176.	1.3	6
99	The Mesoderm-Forming Gene <i>brachyury</i> Regulates Ectoderm-Endoderm Demarcation in the Coral <i>Acropora digitifera</i> . <i>Current Biology</i> , 2016, 26, 2885-2892.	1.8	51
100	A draft genome of the brown alga, <i>Cladosiphon okamuranus</i> , S-strain: a platform for future studies of "mozuku" biology. <i>DNA Research</i> , 2016, 23, 561-570.	1.5	73
101	Obligate bacterial mutualists evolving from environmental bacteria in natural insect populations. <i>Nature Microbiology</i> , 2016, 1, 15011.	5.9	129
102	Unexpectedly complex gradation of coral population structure in the Nansei Islands, Japan. <i>Ecology and Evolution</i> , 2016, 6, 5491-5505.	0.8	23
103	The transcriptomic response of the coral <i>Acropora digitifera</i> to a competent <i>Symbiodinium</i> strain: the symbiosome as an arrested early phagosome. <i>Molecular Ecology</i> , 2016, 25, 3127-3141.	2.0	88
104	The mitochondrial genome sequence of a deep-sea, hydrothermal vent limpet, <i>Lepetodrilus nux</i> , presents a novel vetigastropod gene arrangement. <i>Marine Genomics</i> , 2016, 28, 121-126.	0.4	16
105	Two Decades of Ascidian Developmental Biology. <i>Current Topics in Developmental Biology</i> , 2016, 117, 289-300.	1.0	5
106	Stepwise Evolution of Coral Biomineralization Revealed with Genome-Wide Proteomics and Transcriptomics. <i>PLoS ONE</i> , 2016, 11, e0156424.	1.1	61
107	Molecular basis of canalization in an ascidian species complex adapted to different thermal conditions. <i>Scientific Reports</i> , 2015, 5, 16717.	1.6	16
108	Multifunctional polyketide synthase genes identified by genomic survey of the symbiotic dinoflagellate, <i>Symbiodinium minutum</i> . <i>BMC Genomics</i> , 2015, 16, 941.	1.2	28

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109	Identification and Characterization of the Streptazoneâ€¦E Biosynthetic Gene Cluster in <i>Streptomyces</i> sp. MSC090213JE08. <i>ChemBioChem</i> , 2015, 16, 2385-2391.	1.3	27
110	Diversification of the Light-Harvesting Complex Gene Family via Intra- and Intergenic Duplications in the Coral Symbiotic Alga <i>Symbiodinium</i> . <i>PLoS ONE</i> , 2015, 10, e0119406.	1.1	12
111	Novel Polymorphic Microsatellite Markers Reveal Genetic Differentiation between Two Sympatric Types of <i>Galaxea fascicularis</i> . <i>PLoS ONE</i> , 2015, 10, e0130176.	1.1	16
112	Abundant toxin-related genes in the genomes of beneficial symbionts from deep-sea hydrothermal vent mussels. <i>ELife</i> , 2015, 4, e07966.	2.8	50
113	The Large Mitochondrial Genome of <i>Symbiodinium minutum</i> Reveals Conserved Noncoding Sequences between Dinoflagellates and Apicomplexans. <i>Genome Biology and Evolution</i> , 2015, 7, 2237-2244.	1.1	23
114	The ancestral gene repertoire of animal stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E7093-100.	3.3	88
115	Sustained Heterozygosity Across a Self-Incompatibility Locus in an Inbred Ascidian. <i>Molecular Biology and Evolution</i> , 2015, 32, 81-90.	3.5	6
116	Transposon-mediated targeted and specific knockdown of maternally expressed transcripts in the ascidian <i>Ciona intestinalis</i> . <i>Scientific Reports</i> , 2015, 4, 5050.	1.6	6
117	The <i>Lingula</i> genome provides insights into brachiopod evolution and the origin of phosphate biomineralization. <i>Nature Communications</i> , 2015, 6, 8301.	5.8	159
118	Mitochondrial gene order variation in the brachiopod <i>Lingula anatina</i> and its implications for mitochondrial evolution in lophotrochozoans. <i>Marine Genomics</i> , 2015, 24, 31-40.	0.4	20
119	Hox10-regulated endodermal cell migration is essential for development of the ascidian intestine. <i>Developmental Biology</i> , 2015, 403, 43-56.	0.9	28
120	Evolution of the chordate regeneration blastema: Differential gene expression and conserved role of notch signaling during siphon regeneration in the ascidian <i>Ciona</i> . <i>Developmental Biology</i> , 2015, 405, 304-315.	0.9	26
121	Hemichordate genomes and deuterostome origins. <i>Nature</i> , 2015, 527, 459-465.	13.7	217
122	Genomic organization of Hox and Pax clusters in the echinoderm, <i>Acanthaster planci</i> . <i>Genesis</i> , 2014, 52, 952-958.	0.8	40
123	Cross-Species, Amplifiable Microsatellite Markers for Neoverrucid Barnacles from Deep-Sea Hydrothermal Vents Developed Using Next-Generation Sequencing. <i>International Journal of Molecular Sciences</i> , 2014, 15, 14364-14371.	1.8	3
124	On a possible evolutionary link of the stomochord of hemichordates to pharyngeal organs of chordates. <i>Genesis</i> , 2014, 52, 925-934.	0.8	32
125	A genomic approach to coral-dinoflagellate symbiosis: studies of <i>Acropora digitifera</i> and <i>Symbiodinium minutum</i> . <i>Frontiers in Microbiology</i> , 2014, 5, 336.	1.5	35
126	Development of novel, cross-species microsatellite markers for <i>Acropora</i> corals using next-generation sequencing technology. <i>Frontiers in Marine Science</i> , 2014, 1, .	1.2	25

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127	The Global Invertebrate Genomics Alliance (GIGA): Developing Community Resources to Study Diverse Invertebrate Genomes. <i>Journal of Heredity</i> , 2014, 105, 1-18.	1.0	96
128	Massive Gene Transfer and Extensive RNA Editing of a Symbiotic Dinoflagellate Plastid Genome. <i>Genome Biology and Evolution</i> , 2014, 6, 1408-1422.	1.1	68
129	Telomere Shortening in the Colonial Coral <i>Acropora digitifera</i> During Development. <i>Zoological Science</i> , 2014, 31, 129-134.	0.3	6
130	Comparative genome sequencing reveals genomic signature of extreme desiccation tolerance in the anhydrobiotic midge. <i>Nature Communications</i> , 2014, 5, 4784.	5.8	118
131	A cDNA Resource for Gene Expression Studies of a Hemichordate, <i>Ptychodera flava</i> . <i>Zoological Science</i> , 2014, 31, 414.	0.3	10
132	Ancient origin of mast cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 314-318.	1.0	64
133	Chordate evolution and the three-phylum system. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141729.	1.2	132
134	Identification of an intact ParaHox cluster with temporal colinearity but altered spatial colinearity in the hemichordate <i>Ptychodera flava</i> . <i>BMC Evolutionary Biology</i> , 2013, 13, 129.	3.2	37
135	Draft Assembly of the <i>Symbiodinium minutum</i> Nuclear Genome Reveals Dinoflagellate Gene Structure. <i>Current Biology</i> , 2013, 23, 1399-1408.	1.8	488
136	Probing a Coral Genome for Components of the Photoprotective Scytonemin Biosynthetic Pathway and the 2-Aminoethylphosphonate Pathway. <i>Marine Drugs</i> , 2013, 11, 559-570.	2.2	6
137	Genome-Wide Survey of Genes Encoding Muscle Proteins in the Pearl Oyster, <i>Pinctada fucata</i> . <i>Zoological Science</i> , 2013, 30, 817-825.	0.3	17
138	Reproduction-Related Genes in the Pearl Oyster Genome. <i>Zoological Science</i> , 2013, 30, 826.	0.3	26
139	MarinegenomicsDB: An Integrated Genome Viewer for Community-Based Annotation of Genomes. <i>Zoological Science</i> , 2013, 30, 797-800.	0.3	19
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422	Phylogenetic relationships among extant classes of echinoderms, as inferred from sequences of 18S rDNA, coincide with relationships deduced from the fossil record. <i>Journal of Molecular Evolution</i> , 1994, 38, 41-9.	0.8	58
423	Expression of AMD 1, a gene for a MyoD 1-related factor in the ascidian <i>Halocynthia roretzi</i> . <i>Roux's Archives of Developmental Biology</i> , 1994, 203, 320-327.	1.2	59
424	An Ascidian Homolog of the Mouse Brachyury (T) Gene is Expressed Exclusively in Notochord Cells at the Fate Restricted Stage. (Ascidians/T (Brachyury) gene/sequence conservation/notochord) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377 T</i>	0.6	16
425	Expression of a Gene for Major Mitochondrial Protein, ADP/ATP Translocase, during Embryogenesis in the Ascidian <i>Halocynthia roretzi</i> . (Ascidian embryos/ADP/ATP translocase gene/maternal) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 20 Tf 50 377 T</i>	0.6	16
426	Development of Egg Fragments of the Ascidian <i>Ciona savignyi</i> : The Cytoplasmic Factors Responsible for Muscle Differentiation Are Separated into a Specific Fragment. <i>Developmental Biology</i> , 1994, 162, 134-142.	0.9	35
427	Autonomy of Expression of Epidermis-Specific Genes in the Ascidian Embryo. <i>Developmental Biology</i> , 1994, 164, 207-218.	0.9	14
428	An Ascidian Homolog of SEC61 Is Expressed Predominantly in Epidermal Cells of the Embryo. <i>Developmental Biology</i> , 1994, 165, 185-192.	0.9	11
429	Short Upstream Sequences Associated with the Muscle-Specific Expression of an Actin Gene in Ascidian Embryos. <i>Developmental Biology</i> , 1994, 166, 763-769.	0.9	45
430	The accumulation of vanadium and manifestation of an antigen recognized by a monoclonal antibody specific to vanadocytes during embryogenesis in the vanadium-rich ascidian, <i>Ascidia sydneiensis samea</i> . <i>The Journal of Experimental Zoology</i> , 1993, 265, 29-34.	1.4	13
431	Functional and structural characterization of hemocytes of the solitary ascidian, <i>Halocynthia roretzi</i> . <i>The Journal of Experimental Zoology</i> , 1993, 265, 309-316.	1.4	43
432	Regulated spatial expression of fusion gene constructs with the 5' upstream region of <i>Halocynthia roretzi</i> muscle actin gene in <i>Ciona savignyi</i> embryos. <i>Roux's Archives of Developmental Biology</i> , 1993, 203, 104-112.	1.2	14

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433	Function of vertebrate T gene. <i>Nature</i> , 1993, 364, 582-583.	13.7	198
434	A Complementary DNA for an Ascidian Embryonic Nuclear Antigen Hgv2 Encodes a Protein Closely Related to the Amphibian Histone-Binding Protein NI1. <i>Journal of Biochemistry</i> , 1993, 113, 189-195.	0.9	15
435	Tunicate muscle actin genes. <i>Journal of Molecular Biology</i> , 1992, 227, 955-960.	2.0	51
436	Introduction and Expression of Recombinant Genes in Ascidian Embryos. <i>Development Growth and Differentiation</i> , 1992, 34, 627-634.	0.6	42
437	Temporal and Spatial Expression of a Muscle Actin Gene during Embryogenesis of the Ascidian <i>Halocynthia roretzi</i> . (Specific gene expression/a muscle actin gene/muscle lineage cells/ascidian) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	1.4	9
438	Gray and Red Fragments of the Egg of the Ascidian <i>Ciona savignyi</i> : Preferential Development of Muscle Cells from Gray Fragments. (ascidian embryogenesis/morphogenetic determinants/myoplasm/egg) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.6	21
439	Isolation of cDNA Clones for Epidermis-Specific Genes of the Ascidian Embryo. (ascidian) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i> <i>Differentiation</i> , 1991, 33, 579-586.	0.6	21
440	Expression of an antigen specific for trunk lateral cells in quarter embryos of the ascidian, <i>Halocynthia roretzi</i> . <i>The Journal of Experimental Zoology</i> , 1991, 258, 344-352.	1.4	9
441	Monoclonal antibody specific to signet ring cells, the vanadocytes of the tunicate, <i>Ascidia sydneiensis samea</i> . <i>The Journal of Experimental Zoology</i> , 1991, 259, 196-201.	1.4	24
442	Cellular and Molecular Mechanisms of Muscle Cell Differentiation in Ascidian Embryos. <i>International Review of Cytology</i> , 1990, , 221-258.	6.2	38
443	Pattern of Segregation of Mitochondria into Muscle Lineage Cells during Embryogenesis of the Ascidian <i>Halocynthia roretzi</i> . (ascidian embryos/mitochondrial localization/specific antibody/muscle) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	0.6	40
444	Specification of notochord cells in the ascidian embryo analysed with a specific monoclonal antibody. <i>Cell Differentiation and Development</i> , 1990, 30, 43-53.	0.4	38
445	An 83-kDa embryonic-type nuclear antigen is detected within the germinal vesicles of oocytes of the ascidian <i>Halocynthia roretzi</i> . <i>Roux's Archives of Developmental Biology</i> , 1990, 199, 207-211.	1.2	4
446	Specific expression of myosin heavy chain gene in muscle lineage cells of the ascidian embryo. <i>Roux's Archives of Developmental Biology</i> , 1990, 199, 307-313.	1.2	24
447	Temporal Expression of Myosin Heavy Chain Gene during Ascidian Embryogenesis. (muscle) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i> <i>and Differentiation</i> , 1989, 31, 71-77.	0.6	40
448	A Monoclonal Antibody Specific to Embryonic Trunk-Lateral Cells of the Ascidian <i>Halocynthia roretzi</i> Stains Coelomic Cells of Juvenile and Adult Basophilic Blood Cells. (ascidians/embryonic trunk-lateral) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> <i>and Differentiation</i> , 1989, 31, 595-600.	0.6	22
449	Determination and regulation in the pigment cell lineage of the ascidian embryo. <i>Developmental Biology</i> , 1989, 132, 355-367.	0.9	131
450	Differentiation Expression in Blastomeres of Cleavage-Arrested Embryos of the Ascidian <i>Halocynthia roretzi</i> . (differentiation without cleavage/monoclonal antibodies/exclusive differentiation/ascidian) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.6	22

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452	Towards a molecular understanding of differentiation mechanisms in ascidian embryos. <i>BioEssays</i> , 1987, 7, 51-56.	1.2	27
453	Mass Isolation of Muscle Lineage Blastomeres from Ascidian Embryos. (ascidian embryos/muscle) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf</i>	0.6	8
454	Cell lineage analysis in ascidian embryos by intracellular injection of a tracer enzyme. <i>Developmental Biology</i> , 1985, 110, 440-454.	0.9	169
455	Temporal control of rRNA synthesis in cleavage-arrested embryos of <i>Xenopus laevis</i> . <i>Developmental Biology</i> , 1985, 112, 443-450.	0.9	19
456	Protein tyrosine kinase activity of eggs of the sea urchin <i>Strongylocentrotus purpuratus</i> : The regulation of its increase after fertilization. <i>Developmental Biology</i> , 1985, 111, 515-519.	0.9	34
457	HISTOSPECIFIC ACETYLCHOLINESTERASE DEVELOPMENT IN QUARTER ASCIDIAN EMBRYOS DERIVED FROM EACH BLASTOMERE PAIR OF THE EIGHT-CELL STAGE. <i>Biological Bulletin</i> , 1985, 168, 239-248.	0.7	22
458	Studies on the Cytoplasmic Determinant for Muscle Cell Differentiation in Ascidian Embryos: An Attempt at Transplantation of the Myoplasm. (ascidian embryos/morphogenetic determinant/muscle) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	0.6	44
459	Growth and Differentiation, 1984, 26, 43-46.		
459	Autonomous muscle cell differentiation in partial ascidian embryos according to the newly verified cell lineages. <i>Developmental Biology</i> , 1984, 104, 322-328.	0.9	43
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461	Cell lineage analysis in ascidian embryos by intracellular injection of a tracer enzyme. <i>Developmental Biology</i> , 1983, 99, 382-394.	0.9	186
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463	Timing Mechanisms in Early Embryonic Development. <i>Differentiation</i> , 1982, 22, 156-163.	1.0	73
464	Behavior and cellular morphology of the test cells during embryogenesis of the ascidian <i>Halocynthia roretzi</i> . <i>Journal of Morphology</i> , 1982, 171, 219-223.	0.6	25
465	Fusion of Dissociated Embryonic Cells in the Teleost, <i>Oryzias latipes</i> . IV. Changes in Cell Surface Morphology Related to This Fusion: A Scanning Electron Microscope Study. <i>Cell Structure and Function</i> , 1979, 4, 45-49.	0.5	0
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467	INDUCTION OF THE WRINKLED BLASTULA FORMATION IN THE STARFISH, <i>ASTERINA PECTINIFERA</i> , BY MODIFIED DEVELOPMENTAL CONDITIONS. <i>Biological Bulletin</i> , 1978, 155, 150-160.	0.7	6
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