

Noriyuki Satoh

List of Publications by Year in descending order

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Version: 2024-02-01

469
papers

27,378
citations

7568

77
h-index

11607

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.	2.0	8
2	Two Hidden mtDNA-Clades of Crown-of-Thorns Starfish in the Pacific Ocean. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	3
3	Active Expression of Genes for Protein Modification Enzymes in Habu Venom Glands. <i>Toxins</i> , 2022, 14, 300.	3.4	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, .	0.7	4
5	Ancestral Stem Cell Reprogramming Genes Active in Hemichordate Regeneration. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	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.	1.6	2
7	Polyzoa is back: The effect of complete gene sets on the placement of Ectoprocta and Entoprocta. <i>Science Advances</i> , 2022, 8, .	10.3	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, .	2.5	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.	8.9	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.	2.4	4
11	Establishing Sustainable Cell Lines of a Coral, <i>Acropora tenuis</i> . <i>Marine Biotechnology</i> , 2021, 23, 373-388.	2.4	23
12	Chloroplast acquisition without the gene transfer in kleptoplastic sea slugs, <i>Plakobranthus ocellatus</i> . <i>eLife</i> , 2021, 10, .	6.0	29
13	Chromosomal Inversion Polymorphisms in Two Sympatric Ascidian Lineages. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	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.	2.3	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.	2.0	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.	3.7	8
17	In vitro Symbiosis of Reef-Building Coral Cells With Photosynthetic Dinoflagellates. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	3
18	Genome and transcriptome assemblies of the kuruma shrimp, <i>Marsupenaeus japonicus</i>. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	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. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	11
20	A New Dinoflagellate Genome Illuminates a Conserved Gene Cluster Involved in Sunscreen Biosynthesis. Genome Biology and Evolution, 2021, 13, .	2.5	31
21	Novel Mitochondrial DNA Markers for Scleractinian Corals and Generic-Level Environmental DNA Metabarcoding. Frontiers in Marine Science, 2021, 8, .	2.5	10
22	Two new species of Rhinogobius (Gobiiformes: Oxudercidae) from Palawan, Philippines, with their phylogenetic placement. Zootaxa, 2021, 5068, 81-98.	0.5	7
23	Whole-Genome Sequencing Highlights Conservative Genomic Strategies of a Stress-Tolerant, Long-Lived Scleractinian Coral, <i>Porites australiensis</i> Vaughan, 1918. Genome Biology and Evolution, 2021, 13, .	2.5	16
24	Functional shell matrix proteins tentatively identified by asymmetric snail shell morphology. Scientific Reports, 2020, 10, 9768.	3.3	13
25	A Reference Genome from the Symbiotic Hydrozoan, <i>Hydra viridissima</i> . G3: Genes, Genomes, Genetics, 2020, 10, 3883-3895.	1.8	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. G3: Genes, Genomes, Genetics, 2020, 10, 2519-2528.	1.8	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. Marine Biotechnology, 2020, 22, 748-759.	2.4	15
28	Phylogenetic Analyses of Glycosyl Hydrolase Family 6 Genes in Tunicates: Possible Horizontal Transfer. Genes, 2020, 11, 937.	2.4	4
29	Integrated omics unveil the secondary metabolic landscape of a basal dinoflagellate. BMC Biology, 2020, 18, 139.	3.8	17
30	Correlation between Organelle Genetic Variation and RNA Editing in Dinoflagellates Associated with the Coral <i>Acropora digitifera</i> . Genome Biology and Evolution, 2020, 12, 203-209.	2.5	3
31	Finding cell-specific expression patterns in the early <i>Ciona</i> embryo with single-cell RNA-seq. Scientific Reports, 2020, 10, 4961.	3.3	6
32	Comparative genomics of four strains of the edible brown alga, <i>Cladosiphon okamuranus</i> . BMC Genomics, 2020, 21, 422.	2.8	9
33	Divergent northern and southern populations and demographic history of the pearl oyster in the western Pacific revealed with genomic SNPs. Evolutionary Applications, 2020, 13, 837-853.	3.1	24
34	GABA-Induced GnRH Release Triggers Chordate Metamorphosis. Current Biology, 2020, 30, 1555-1561.e4.	3.9	19
35	Deeply conserved synteny resolves early events in vertebrate evolution. Nature Ecology and Evolution, 2020, 4, 820-830.	7.8	250
36	Phylogenetic comparisons reveal mosaic histories of larval and adult shell matrix protein deployment in pteriomorph bivalves. Scientific Reports, 2020, 10, 22140.	3.3	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.	2.5	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.	3.4	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.	1.5	8
40	A Nearly Complete Genome of <i>Ciona intestinalis</i> Type A (C. <i>robusta</i>) Reveals the Contribution of Inversion to Chromosomal Evolution in the Genus <i>Ciona</i> . <i>Genome Biology and Evolution</i> , 2019, 11, 3144-3157.	2.5	81
41	A deep dive into the development of sea squirts. <i>Nature</i> , 2019, 571, 333-334.	27.8	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.	0.8	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.	3.9	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.	2.4	10
45	Medusozoan genomes inform the evolution of the jellyfish body plan. <i>Nature Ecology and Evolution</i> , 2019, 3, 811-822.	7.8	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.	3.3	33
47	Diversified secondary metabolite biosynthesis gene repertoire revealed in symbiotic dinoflagellates. <i>Scientific Reports</i> , 2019, 9, 1204.	3.3	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.	3.4	35
49	A draft nuclear-genome assembly of the acoel flatworm <i>Praesagittifera naikaiensis</i> . <i>GigaScience</i> , 2019, 8, .	6.4	18
50	A Likely Ancient Genome Duplication in the Speciose Reef-Building Coral Genus, <i>Acropora</i> . <i>IScience</i> , 2019, 13, 20-32.	4.1	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.	1.3	0
52	Symbiotic bacteria associated with ascidian vanadium accumulation identified by 16S rRNA amplicon sequencing. <i>Marine Genomics</i> , 2019, 43, 33-42.	1.1	30
53	Heterochirality results from reduction of maternal diaph expression in a terrestrial pulmonate snail. <i>Zoological Letters</i> , 2019, 5, 2.	1.3	10
54	A New Spiralian Phylogeny Places the Enigmatic Arrow Worms among Gnathiferans. <i>Current Biology</i> , 2019, 29, 312-318.e3.	3.9	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.	8.9	21
56	Xenacoelomorph-Specific Hox Peptides: Insights into the Phylogeny of Acoels, Nemertodermatids, and Xenoturbellids. <i>Zoological Science</i> , 2019, 36, 395.	0.7	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.	2.9	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.	2.3	31
59	Deuterostome Genomics: Lineage-Specific Protein Expansions That Enabled Chordate Muscle Evolution. <i>Molecular Biology and Evolution</i> , 2018, 35, 914-924.	8.9	16
60	Deciphering the nature of the coral- <i>Chromera</i> association. <i>ISME Journal</i> , 2018, 12, 776-790.	9.8	56
61	Unprecedented Cyclization Catalyzed by a Cytochrome P450 in Benzastatin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2018, 140, 6631-6639.	13.7	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.	1.0	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.	0.8	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.	7.8	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, .	2.5	4
66	The phylum Vertebrata: a case for zoological recognition. <i>Zoological Letters</i> , 2018, 4, 32.	1.3	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.	2.8	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.	3.9	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.	2.8	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.	5.9	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.	8.9	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.	2.8	11

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73	The habu genome reveals accelerated evolution of venom protein genes. <i>Scientific Reports</i> , 2018, 8, 11300.	3.3	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.	2.8	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, .	2.5	23
76	A Possible Trifunctional β -Carotene Synthase Gene Identified in the Draft Genome of <i>Aurantiochytrium</i> sp. Strain KH105. <i>Genes</i> , 2018, 9, 200.	2.4	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.	1.6	4
78	Chitin-based barrier immunity and its loss predated mucus-colonization by indigenous gut microbiota. <i>Nature Communications</i> , 2018, 9, 3402.	12.8	65
79	Metabolic co-dependence drives the evolutionarily ancient <i>Hydra</i> – <i>Chlorella</i> symbiosis. <i>ELife</i> , 2018, 7, .	6.0	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.	27.8	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.	3.9	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.	7.1	127
83	Microsatellite markers for multiple <i>Pocillopora</i> genetic lineages offer new insights about coral populations. <i>Scientific Reports</i> , 2017, 7, 6729.	3.3	7
84	Possible co-option of <i>engrailed</i> during brachiopod and mollusc shell development. <i>Biology Letters</i> , 2017, 13, 20170254.	2.3	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.	2.8	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.	1.3	13
87	The phylogenetic position of dicyemid mesozoans offers insights into spiralian evolution. <i>Zoological Letters</i> , 2017, 3, 6.	1.3	37
88	Metabolic and physiological interdependencies in the <i>Bathymodiolus azoricus</i> symbiosis. <i>ISME Journal</i> , 2017, 11, 463-477.	9.8	116
89	A Spirochaete is suggested as the causative agent of Akoya oyster disease by metagenomic analysis. <i>PLoS ONE</i> , 2017, 12, e0182280.	2.5	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.	1.3	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.	2.5	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.	2.6	38
94	Genome-wide SNP analysis explains coral diversity and recovery in the Ryukyu Archipelago. <i>Scientific Reports</i> , 2016, 5, 18211.	3.3	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.	1.9	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.	1.3	133
98	The <i>Ciona intestinalis</i> cleavage clock is independent of DNA methylation. <i>Genomics</i> , 2016, 108, 168-176.	2.9	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.	3.9	51
100	A draft genome of the brown alga, <i>Cladosiphon okamuranus</i> , S-strain: a platform for future studies of <i>mozuku</i> ™ biology. <i>DNA Research</i> , 2016, 23, 561-570.	3.4	73
101	Obligate bacterial mutualists evolving from environmental bacteria in natural insect populations. <i>Nature Microbiology</i> , 2016, 1, 15011.	13.3	129
102	Unexpectedly complex gradation of coral population structure in the Nansei Islands, Japan. <i>Ecology and Evolution</i> , 2016, 6, 5491-5505.	1.9	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.	3.9	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.	1.1	16
105	Two Decades of Ascidian Developmental Biology. <i>Current Topics in Developmental Biology</i> , 2016, 117, 289-300.	2.2	5
106	Stepwise Evolution of Coral Biomineralization Revealed with Genome-Wide Proteomics and Transcriptomics. <i>PLoS ONE</i> , 2016, 11, e0156424.	2.5	61
107	Molecular basis of canalization in an ascidian species complex adapted to different thermal conditions. <i>Scientific Reports</i> , 2015, 5, 16717.	3.3	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.	2.8	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.	2.6	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.	2.5	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.	2.5	16
112	Abundant toxin-related genes in the genomes of beneficial symbionts from deep-sea hydrothermal vent mussels. <i>ELife</i> , 2015, 4, e07966.	6.0	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.	2.5	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.	7.1	88
115	Sustained Heterozygosity Across a Self-Incompatibility Locus in an Inbred Ascidian. <i>Molecular Biology and Evolution</i> , 2015, 32, 81-90.	8.9	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.	3.3	6
117	The Lingula genome provides insights into brachiopod evolution and the origin of phosphate biomineralization. <i>Nature Communications</i> , 2015, 6, 8301.	12.8	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.	1.1	20
119	Hox10-regulated endodermal cell migration is essential for development of the ascidian intestine. <i>Developmental Biology</i> , 2015, 403, 43-56.	2.0	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.	2.0	26
121	Hemichordate genomes and deuterostome origins. <i>Nature</i> , 2015, 527, 459-465.	27.8	217
122	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.	1.6	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.	4.1	3
124	On a possible evolutionary link of the stomochord of hemichordates to pharyngeal organs of chordates. <i>Genesis</i> , 2014, 52, 925-934.	1.6	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.	3.5	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, .	2.5	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.	2.4	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.	2.5	68
129	Telomere Shortening in the Colonial Coral <i>Acropora digitifera</i> During Development. <i>Zoological Science</i> , 2014, 31, 129-134.	0.7	6
130	Comparative genome sequencing reveals genomic signature of extreme desiccation tolerance in the anhydrobiotic midge. <i>Nature Communications</i> , 2014, 5, 4784.	12.8	118
131	A cDNA Resource for Gene Expression Studies of a Hemichordate, <i>Ptychodera flava</i> . <i>Zoological Science</i> , 2014, 31, 414.	0.7	10
132	Ancient origin of mast cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 314-318.	2.1	64
133	Chordate evolution and the three-phylum system. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141729.	2.6	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.	3.9	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.	4.6	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.	0.7	17
138	Reproduction-Related Genes in the Pearl Oyster Genome. <i>Zoological Science</i> , 2013, 30, 826.	0.7	26
139	MarinegenomicsDB: An Integrated Genome Viewer for Community-Based Annotation of Genomes. <i>Zoological Science</i> , 2013, 30, 797-800.	0.7	19
140	A Genome-Wide Survey of Genes Encoding Transcription Factors in the Japanese Pearl Oyster, <i>Pinctada fucata</i> : I. Homeobox Genes. <i>Zoological Science</i> , 2013, 30, 851.	0.7	12
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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) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377 T	1.5	377
425	Expression of a Gene for Major Mitochondrial Protein, ADP/ATP Translocase, during Embryogenesis in the Ascidian Halocynthia roretzi. (Ascidian embryos/ADP/ATP translocase gene/maternal) Tj ETQq1 1 0.784314 rgBT /Overlock 20 Tf 50 377 T	1.5	377
426	Development of Egg Fragments of the Ascidian Ciona savignyi: The Cytoplasmic Factors Responsible for Muscle Differentiation Are Separated into a Specific Fragment. Developmental Biology, 1994, 162, 134-142.	2.0	35
427	Autonomy of Expression of Epidermis-Specific Genes in the Ascidian Embryo. Developmental Biology, 1994, 164, 207-218.	2.0	14
428	An Ascidian Homolog of SEC61 Is Expressed Predominantly in Epidermal Cells of the Embryo. Developmental Biology, 1994, 165, 185-192.	2.0	11
429	Short Upstream Sequences Associated with the Muscle-Specific Expression of an Actin Gene in Ascidian Embryos. Developmental Biology, 1994, 166, 763-769.	2.0	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,Ascidia sydneiensis samea. The Journal of Experimental Zoology, 1993, 265, 29-34.	1.4	13
431	Functional and structural characterization of hemocytes of the solitary ascidian,Halocynthia roretzi. The Journal of Experimental Zoology, 1993, 265, 309-316.	1.4	43
432	Regulated spatial expression of fusion gene constructs with the 5' upstream region of Halocynthia roretzi muscle actin gene in Ciona savignyi embryos. Roux's Archives of Developmental Biology, 1993, 203, 104-112.	1.2	14

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433	Function of vertebrate T gene. Nature, 1993, 364, 582-583.	27.8	198
434	A Complementary DNA for an Ascidian Embryonic Nuclear Antigen Hgv2 Encodes a Protein Closely Related to the Amphibian Histone-Binding Protein NI1. Journal of Biochemistry, 1993, 113, 189-195.	1.7	15
435	Tunicate muscle actin genes. Journal of Molecular Biology, 1992, 227, 955-960.	4.2	51
436	Introduction and Expression of Recombinant Genes in Ascidian Embryos. Development Growth and Differentiation, 1992, 34, 627-634.	1.5	42
437	Temporal and Spatial Expression of a Muscle Actin Gene during Embryogenesis of the Ascidian Halocynthia roretzi. (Specific gene expression/a muscle actin gene/muscle lineage cells/ascidian) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.5	21
438	Gray and Red Fragments of the Egg of the Ascidian Ciona savignyi: Preferential Development of Muscle Cells from Gray Fragments. (ascidian embryogenesis/morphogenetic determinants/myoplasm/egg) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	21
439	Isolation of cDNA Clones for Epidermis-Specific Genes of the Ascidian Embryo. (ascidian) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.5	21
440	Expression of an antigen specific for trunk lateral cells in quarter embryos of the ascidian, Halocynthia roretzi. The Journal of Experimental Zoology, 1991, 258, 344-352.	1.4	9
441	Monoclonal antibody specific to signet ring cells, the vanadocytes of the tunicate, Ascidia sydneiensis samea. The Journal of Experimental Zoology, 1991, 259, 196-201.	1.4	24
442	Cellular and Molecular Mechanisms of Muscle Cell Differentiation in Ascidian Embryos. International Review of Cytology, 1990, , 221-258.	6.2	38
443	Pattern of Segregation of Mitochondria into Muscle Lineage Cells during Embryogenesis of the Ascidian Halocynthia roretzi. (ascidian embryos/mitochondrial localization/specific antibody/muscle) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.5	21
444	Specification of notochord cells in the ascidian embryo analysed with a specific monoclonal antibody. Cell Differentiation and Development, 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 Halocynthia roretzi. Roux's Archives of Developmental Biology, 1990, 199, 207-211.	1.2	4
446	Specific expression of myosin heavy chain gene in muscle lineage cells of the ascidian embryo. Roux's Archives of Developmental Biology, 1990, 199, 307-313.	1.2	24
447	Temporal Expression of Myosin Heavy Chain Gene during Ascidian Embryogenesis. (muscle) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 and Differentiation, 1989, 31, 71-77.	1.5	40
448	A Monoclonal Antibody Specific to Embryonic Trunk-Lateral Cells of the Ascidian Halocynthia roretzi Stains Coelomic Cells of Juvenile and Adult Basophilic Blood Cells. (ascidians/embryonic trunk-lateral) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and Differentiation, 1989, 31, 595-600.	1.5	22
449	Determination and regulation in the pigment cell lineage of the ascidian embryo. Developmental Biology, 1989, 132, 355-367.	2.0	131
450	Differentiation Expression in Blastomeres of Cleavage-Arrested Embryos of the Ascidian Halocynthia roretzi. (differentiation without cleavage/monoclonal antibodies/exclusive differentiation/ascidian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	22

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451	Expression of epidermis-specific antigens during embryogenesis of the ascidian, <i>Halocynthia roretzi</i> . <i>Developmental Biology</i> , 1987, 121, 408-416.	2.0	52
452	Towards a molecular understanding of differentiation mechanisms in ascidian embryos. <i>BioEssays</i> , 1987, 7, 51-56.	2.5	27
453	Mass Isolation of Muscle Lineage Blastomeres from Ascidian Embryos. (ascidian embryos/muscle) Tj ETQq1 1 0.784314 rgBT /Overlock 1.5	1.5	8
454	Cell lineage analysis in ascidian embryos by intracellular injection of a tracer enzyme. <i>Developmental Biology</i> , 1985, 110, 440-454.	2.0	169
455	Temporal control of rRNA synthesis in cleavage-arrested embryos of <i>Xenopus laevis</i> . <i>Developmental Biology</i> , 1985, 112, 443-450.	2.0	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.	2.0	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.	1.8	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) Tj ETQq0 0 0 rgBT /Overlock 1.5 44 10 Tf	1.5	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.	2.0	43
460	Periodic appearance and disappearance of microvilli associated with cleavage cycles in the egg of the ascidian, <i>Halocynthia roretzi</i> . <i>Developmental Biology</i> , 1984, 102, 488-492.	2.0	17
461	Cell lineage analysis in ascidian embryos by intracellular injection of a tracer enzyme. <i>Developmental Biology</i> , 1983, 99, 382-394.	2.0	186
462	DNA Replication is Required for Tissue-Specific Enzyme Development in Ascidian Embryos. <i>Differentiation</i> , 1982, 21, 37-40.	1.9	27
463	Timing Mechanisms in Early Embryonic Development. <i>Differentiation</i> , 1982, 22, 156-163.	1.9	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.	1.2	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.	1.1	0
466	CELLULAR MORPHOLOGY AND ARCHITECTURE DURING EARLY MORPHOGENESIS OF THE ASCIDIAN EGG : AN SEM STUDY. <i>Biological Bulletin</i> , 1978, 155, 608-614.	1.8	50
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.	1.8	6
468	'METACHRONOUS' CLEAVAGE AND INITIATION OF GASTRULATION IN AMPHIBIAN EMBRYOS. <i>Development Growth and Differentiation</i> , 1977, 19, 111-117.	1.5	71

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469	MOTILITY OF DISSOCIATED EMBRYONIC CELLS IN XENOPUS LAEVIS: ITS SIGNIFICANCE TO MORPHOGENETIC MOVEMENTS *. Development Growth and Differentiation, 1976, 18, 55-67.	1.5	42