

Noriyuki Satoh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

481 papers	22,310 citations	72 h-index	125 g-index
508 ext. papers	25,109 ext. citations	5.1 avg, IF	6.69 L-index

#	Paper	IF	Citations
481	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, 128-128	3.1	0
480	Active Expression of Genes for Protein Modification Enzymes in Habu Venom Glands. <i>Toxins</i> , 2022 , 14, 300	4.9	0
479	Two new species of Rhinogobius (Gobiiformes: Oxudercidae) from Palawan, Philippines, with their phylogenetic placement. <i>Zootaxa</i> , 2021 , 5068, 81-98	0.5	4
478	A New Dinoflagellate Genome Illuminates a Conserved Gene Cluster Involved in Sunscreen Biosynthesis. <i>Genome Biology and Evolution</i> , 2021 , 13,	3.9	9
477	Expansion and Diversification of Fluorescent Protein Genes in Fifteen Species during the Evolution of Acroporid Corals. <i>Genes</i> , 2021 , 12,	4.2	1
476	Establishing Sustainable Cell Lines of a Coral, <i>Acropora tenuis</i> . <i>Marine Biotechnology</i> , 2021 , 23, 373-388	3.4	9
475	Chloroplast acquisition without the gene transfer in kleptoplastic sea slugs,. <i>ELife</i> , 2021 , 10,	8.9	6
474	Chromosomal Inversion Polymorphisms in Two Sympatric Ascidian Lineages. <i>Genome Biology and Evolution</i> , 2021 , 13,	3.9	1
473	The 'Shellome' of the Crocus Clam Emphasizes Essential Components of Mollusk Shell Biomineralization. <i>Frontiers in Genetics</i> , 2021 , 12, 674539	4.5	2
472	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	2.6	1
471	A Preliminary Single-Cell RNA-Seq Analysis of Embryonic Cells That Express in the Amphioxus,. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 696875	5.7	0
470	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,	3.9	4
469	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	8.3	24
468	In vitro Symbiosis of Reef-Building Coral Cells With Photosynthetic Dinoflagellates. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	1
467	Genome and transcriptome assemblies of the kuruma shrimp, <i>Marsupenaeus japonicus</i> . <i>G3: Genes, Genomes, Genetics</i> , 2021 , 11,	3.2	2
466	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,	3.2	2
465	Integrated omics unveil the secondary metabolic landscape of a basal dinoflagellate. <i>BMC Biology</i> , 2020 , 18, 139	7.3	7

464	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	3.9	2
463	Finding cell-specific expression patterns in the early <i>Ciona</i> embryo with single-cell RNA-seq. <i>Scientific Reports</i> , 2020 , 10, 4961	4.9	3
462	Comparative genomics of four strains of the edible brown alga, <i>Cladosiphon okamuranus</i> . <i>BMC Genomics</i> , 2020 , 21, 422	4.5	2
461	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	4.8	15
460	GABA-Induced GnRH Release Triggers Chordate Metamorphosis. <i>Current Biology</i> , 2020 , 30, 1555-1561.e4	6.3	10
459	Phylogenetic comparisons reveal mosaic histories of larval and adult shell matrix protein deployment in pteriomorph bivalves. <i>Scientific Reports</i> , 2020 , 10, 22140	4.9	1
458	Functional shell matrix proteins tentatively identified by asymmetric snail shell morphology. <i>Scientific Reports</i> , 2020 , 10, 9768	4.9	7
457	A Reference Genome from the Symbiotic Hydrozoan,. <i>G3: Genes, Genomes, Genetics</i> , 2020 , 10, 3883-3895.e2	5.2	6
456	An Investigation into the Genetic History of Japanese Populations of Three Starfish, , , and , Based on Complete Mitochondrial DNA Sequences. <i>G3: Genes, Genomes, Genetics</i> , 2020 , 10, 2519-2528	3.2	1
455	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	3.4	5
454	Phylogenetic Analyses of Glycosyl Hydrolase Family 6 Genes in Tunicates: Possible Horizontal Transfer. <i>Genes</i> , 2020 , 11,	4.2	1
453	Deeply conserved synteny resolves early events in vertebrate evolution. <i>Nature Ecology and Evolution</i> , 2020 , 4, 820-830	12.3	91
452	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	0.7	
451	Mitigating Anticipated Effects of Systematic Errors Supports Sister-Group Relationship between Xenacoelomorpha and Ambulacraria. <i>Current Biology</i> , 2019 , 29, 1818-1826.e6	6.3	59
450	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,	4.2	7
449	Medusozoan genomes inform the evolution of the jellyfish body plan. <i>Nature Ecology and Evolution</i> , 2019 , 3, 811-822	12.3	29
448	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	4.9	18
447	Diversified secondary metabolite biosynthesis gene repertoire revealed in symbiotic dinoflagellates. <i>Scientific Reports</i> , 2019 , 9, 1204	4.9	13

446	A siphonous macroalgal genome suggests convergent functions of homeobox genes in algae and land plants. <i>DNA Research</i> , 2019 , 26, 183-192	4.5	19
445	A draft nuclear-genome assembly of the acoel flatworm <i>Praesagittifera naikaiensis</i> . <i>GigaScience</i> , 2019 , 8,	7.6	9
444	A Likely Ancient Genome Duplication in the Speciose Reef-Building Coral Genus, <i>Acropora</i> . <i>IScience</i> , 2019 , 13, 20-32	6.1	7
443	Dicyemid Mesozoans: A Unique Parasitic Lifestyle and a Reduced Genome. <i>Genome Biology and Evolution</i> , 2019 , 11, 2232-2243	3.9	9
442	Alternative mRNA Splicing in Three Venom Families Underlying a Possible Production of Divergent Venom Proteins of the Habu Snake,. <i>Toxins</i> , 2019 , 11,	4.9	10
441	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	3	3
440	A Nearly Complete Genome of <i>Ciona intestinalis</i> Type A (<i>C. 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	3.9	32
439	Xenacoelomorph-Specific Hox Peptides: Insights into the Phylogeny of Acoels, Nemertodermatids, and Xenoturbellids. <i>Zoological Science</i> , 2019 , 36, 395-401	0.8	0
438	Gene expression profiles of dicyemid life-cycle stages may explain how dispersing larvae locate new hosts. <i>Zoological Letters</i> , 2019 , 5, 32	3	
437	Symbiotic bacteria associated with ascidian vanadium accumulation identified by 16S rRNA amplicon sequencing. <i>Marine Genomics</i> , 2019 , 43, 33-42	1.9	10
436	Heterochirality results from reduction of maternal expression in a terrestrial pulmonate snail. <i>Zoological Letters</i> , 2019 , 5, 2	3	6
435	A New Spiralian Phylogeny Places the Enigmatic Arrow Worms among Gnathiferans. <i>Current Biology</i> , 2019 , 29, 312-318.e3	6.3	116
434	ORTHOSCOPE: An Automatic Web Tool for Phylogenetically Inferring Bilaterian Orthogroups with User-Selected Taxa. <i>Molecular Biology and Evolution</i> , 2019 , 36, 621-631	8.3	12
433	Genetic diversity of farmed and wild populations of the reef-building coral, <i>Acropora tenuis</i> . <i>Restoration Ecology</i> , 2018 , 26, 1195-1202	3.1	5
432	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	3.2	17
431	Deuterostome Genomics: Lineage-Specific Protein Expansions That Enabled Chordate Muscle Evolution. <i>Molecular Biology and Evolution</i> , 2018 , 35, 914-924	8.3	11
430	Deciphering the nature of the coral- <i>Chromera</i> association. <i>ISME Journal</i> , 2018 , 12, 776-790	11.9	25
429	Unprecedented Cyclization Catalyzed by a Cytochrome P450 in Benzastatin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6631-6639	16.4	51

428	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	1.4	4
427	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
426	The habu genome reveals accelerated evolution of venom protein genes. <i>Scientific Reports</i> , 2018 , 8, 11300	4.9	34
425	Two divergent <i>Symbiodinium</i> genomes reveal conservation of a gene cluster for sunscreen biosynthesis and recently lost genes. <i>BMC Genomics</i> , 2018 , 19, 458	4.5	70
424	Using Seawater to Document Coral-Zooxanthella Diversity: A New Approach to Coral Reef Monitoring Using Environmental DNA. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	10
423	A Possible Trifunctional β -Carotene Synthase Gene Identified in the Draft Genome of <i>Aurantiochytrium</i> sp. Strain KH105. <i>Genes</i> , 2018 , 9,	4.2	21
422	Enhancer activities of amphioxus Brachyury genes in embryos of the ascidian, <i>Ciona intestinalis</i> . <i>Genesis</i> , 2018 , 56, e23240	1.9	3
421	Chitin-based barrier immunity and its loss predated mucus-colonization by indigenous gut microbiota. <i>Nature Communications</i> , 2018 , 9, 3402	17.4	31
420	Metabolic co-dependence drives the evolutionarily ancient symbiosis. <i>ELife</i> , 2018 , 7,	8.9	24
419	Nemertean and phoronid genomes reveal lophotrochozoan evolution and the origin of bilaterian heads. <i>Nature Ecology and Evolution</i> , 2018 , 2, 141-151	12.3	57
418	Functional Analyses of MMPs for Aragonite Crystal Formation in the Ligament of <i>Pinctada fucata</i> . <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	2
417	The phylum Vertebrata: a case for zoological recognition. <i>Zoological Letters</i> , 2018 , 4, 32	3	15
416	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	4.5	16
415	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	6.3	43
414	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	3.4	4
413	Regulatory cocktail for dopaminergic neurons in a protovertebrate identified by whole-embryo single-cell transcriptomics. <i>Genes and Development</i> , 2018 , 32, 1297-1302	12.6	24
412	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	8.3	19
411	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	3.4	8

410	The crown-of-thorns starfish genome as a guide for biocontrol of this coral reef pest. <i>Nature</i> , 2017 , 544, 231-234	50.4	90
409	A Large and Consistent Phylogenomic Dataset Supports Sponges as the Sister Group to All Other Animals. <i>Current Biology</i> , 2017 , 27, 958-967	6.3	289
408	A Spirochaete is suggested as the causative agent of Akoya oyster disease by metagenomic analysis. <i>PLoS ONE</i> , 2017 , 12, e0182280	3.7	18
407	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	11
406	Hox gene cluster of the ascidian, , reveals multiple ancient steps of cluster disintegration during ascidian evolution. <i>Zoological Letters</i> , 2017 , 3, 17	3	9
405	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	11.5	69
404	Microsatellite markers for multiple <i>Pocillopora</i> genetic lineages offer new insights about coral populations. <i>Scientific Reports</i> , 2017 , 7, 6729	4.9	2
403	Possible co-option of during brachiopod and mollusc shell development. <i>Biology Letters</i> , 2017 , 13,	3.6	5
402	Identification of putative olfactory G-protein coupled receptors in Crown-of-Thorns starfish, <i>Acanthaster planci</i> . <i>BMC Genomics</i> , 2017 , 18, 400	4.5	12
401	The chordate ancestor possessed a single copy of the gene for notochord acquisition. <i>Zoological Letters</i> , 2017 , 3, 4	3	7
400	The phylogenetic position of dicyemid mesozoans offers insights into spiralian evolution. <i>Zoological Letters</i> , 2017 , 3, 6	3	23
399	Metabolic and physiological interdependencies in the <i>Bathymodiolus azoricus</i> symbiosis. <i>ISME Journal</i> , 2017 , 11, 463-477	11.9	72
398	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	4.5	50
397	Obligate bacterial mutualists evolving from environmental bacteria in natural insect populations. <i>Nature Microbiology</i> , 2016 , 1, 15011	26.6	81
396	Unexpectedly complex gradation of coral population structure in the Nansei Islands, Japan. <i>Ecology and Evolution</i> , 2016 , 6, 5491-505	2.8	16
395	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, 3127-41	5.7	66
394	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	1.9	10
393	Two Decades of Ascidian Developmental Biology: A Personal Research Story. <i>Current Topics in Developmental Biology</i> , 2016 , 117, 289-300	5.3	4

392	Stepwise Evolution of Coral Biomineralization Revealed with Genome-Wide Proteomics and Transcriptomics. <i>PLoS ONE</i> , 2016 , 11, e0156424	3.7	40
391	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	3.7	10
390	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, 1464-71	3.8	26
389	Comparative Genomics of Deuterostomes 2016 , 59-79		1
388	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, 1457-69	2.8	13
387	Bivalve-specific gene expansion in the pearl oyster genome: implications of adaptation to a sessile lifestyle. <i>Zoological Letters</i> , 2016 , 2, 3	3	95
386	The <i>Ciona intestinalis</i> cleavage clock is independent of DNA methylation. <i>Genomics</i> , 2016 , 108, 168-176	4.3	3
385	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	6.3	34
384	Sustained heterozygosity across a self-incompatibility locus in an inbred ascidian. <i>Molecular Biology and Evolution</i> , 2015 , 32, 81-90	8.3	6
383	The <i>Lingula</i> genome provides insights into brachiopod evolution and the origin of phosphate biomineralization. <i>Nature Communications</i> , 2015 , 6, 8301	17.4	105
382	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 Pt 1, 31-40	1.9	16
381	Hox10-regulated endodermal cell migration is essential for development of the ascidian intestine. <i>Developmental Biology</i> , 2015 , 403, 43-56	3.1	24
380	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, 304-15	3.1	20
379	Hemichordate genomes and deuterostome origins. <i>Nature</i> , 2015 , 527, 459-65	50.4	144
378	Molecular basis of canalization in an ascidian species complex adapted to different thermal conditions. <i>Scientific Reports</i> , 2015 , 5, 16717	4.9	14
377	Multifunctional polyketide synthase genes identified by genomic survey of the symbiotic dinoflagellate, <i>Symbiodinium minutum</i> . <i>BMC Genomics</i> , 2015 , 16, 941	4.5	20
376	Identification and Characterization of the Streptazone E Biosynthetic Gene Cluster in <i>Streptomyces</i> sp. MSC090213JE08. <i>ChemBioChem</i> , 2015 , 16, 2385-91	3.8	18
375	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	3.7	9

374	Novel Polymorphic Microsatellite Markers Reveal Genetic Differentiation between Two Sympatric Types of <i>Galaxea fascicularis</i> . <i>PLoS ONE</i> , 2015 , 10, e0130176	3.7	12
373	Abundant toxin-related genes in the genomes of beneficial symbionts from deep-sea hydrothermal vent mussels. <i>ELife</i> , 2015 , 4, e07966	8.9	39
372	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, 2237-44	3.9	19
371	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	11.5	68
370	Genome-wide SNP analysis explains coral diversity and recovery in the Ryukyu Archipelago. <i>Scientific Reports</i> , 2015 , 5, 18211	4.9	45
369	Transposon-mediated targeted and specific knockdown of maternally expressed transcripts in the ascidian <i>Ciona intestinalis</i> . <i>Scientific Reports</i> , 2014 , 4, 5050	4.9	6
368	Telomere shortening in the colonial coral <i>Acropora digitifera</i> during development. <i>Zoological Science</i> , 2014 , 31, 129-34	0.8	3
367	Comparative genome sequencing reveals genomic signature of extreme desiccation tolerance in the anhydrobiotic midge. <i>Nature Communications</i> , 2014 , 5, 4784	17.4	85
366	A cDNA resource for gene expression studies of a hemichordate, <i>Ptychodera flava</i> . <i>Zoological Science</i> , 2014 , 31, 414-20	0.8	8
365	Ancient origin of mast cells. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 451, 314-8	3.4	46
364	Chordate evolution and the three-phylum system. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20141729	4.4	107
363	Genomic organization of Hox and ParaHox clusters in the echinoderm, <i>Acanthaster planci</i> . <i>Genesis</i> , 2014 , 52, 952-8	1.9	24
362	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, 14364-71	6.3	3
361	On a possible evolutionary link of the stomochord of hemichordates to pharyngeal organs of chordates. <i>Genesis</i> , 2014 , 52, 925-34	1.9	26
360	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	5.7	27
359	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,	4.5	19
358	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	70
357	Massive gene transfer and extensive RNA editing of a symbiotic dinoflagellate plastid genome. <i>Genome Biology and Evolution</i> , 2014 , 6, 1408-22	3.9	58

356	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	33
355	Draft assembly of the <i>Symbiodinium minutum</i> nuclear genome reveals dinoflagellate gene structure. <i>Current Biology</i> , 2013 , 23, 1399-408	6.3	351
354	Probing a coral genome for components of the photoprotective scytonemin biosynthetic pathway and the 2-aminoethylphosphonate pathway. <i>Marine Drugs</i> , 2013 , 11, 559-70	6	4
353	Genome-wide survey of genes encoding muscle proteins in the pearl oyster, <i>Pinctada fucata</i> . <i>Zoological Science</i> , 2013 , 30, 817-25	0.8	14
352	Reproduction-related genes in the pearl oyster genome. <i>Zoological Science</i> , 2013 , 30, 826-50	0.8	23
351	MarinegenomicsDB: an integrated genome viewer for community-based annotation of genomes. <i>Zoological Science</i> , 2013 , 30, 797-800	0.8	18
350	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, 851-7	0.8	11
349	Evolutionary aspects of variability in bHLH orthologous families: insights from the pearl oyster, <i>Pinctada fucata</i> . <i>Zoological Science</i> , 2013 , 30, 868-76	0.8	13
348	The diversity of shell matrix proteins: genome-wide investigation of the pearl oyster, <i>Pinctada fucata</i> . <i>Zoological Science</i> , 2013 , 30, 801-16	0.8	56
347	2013 ,		14
346	Larval Tail Muscle 2013 , 53-62		
345	The Larval and Adult Nervous Systems 2013 , 89-105		
344	Development of the Juvenile Heart 2013 , 137-143		
343	The Function and Regulation of Maternal Transcripts 2013 , 41-51		
342	Germ-Cell Line, Gametes, Fertilization, and Metamorphosis 2013 , 145-158		
341	Notochord 2013 , 77-88		
340	A genome-wide survey of photoreceptor and circadian genes in the coral, <i>Acropora digitifera</i> . <i>Gene</i> , 2013 , 515, 426-31	3.8	25
339	Horizontal gene transfer from diverse bacteria to an insect genome enables a tripartite nested mealybug symbiosis. <i>Cell</i> , 2013 , 153, 1567-78	56.2	285

- 338 A genome-wide survey of genes encoding transcription factors in Japanese pearl oyster *Pinctada fucata*: II. Tbx, Fox, Ets, HMG, NFB, bZIP, and C2H2 zinc fingers. *Zoological Science*, **2013**, 30, 858-67 0.8 7
- 337 An in-silico genomic survey to annotate genes coding for early development-relevant signaling molecules in the pearl oyster, *Pinctada fucata*. *Zoological Science*, **2013**, 30, 877-88 0.8 8
- 336 The complex NOD-like receptor repertoire of the coral *Acropora digitifera* includes novel domain combinations. *Molecular Biology and Evolution*, **2013**, 30, 167-76 8.3 75
- 335 Differential gene expression in notochord and nerve cord fate segregation in the *Ciona intestinalis* embryo. *Genesis*, **2013**, 51, 647-59 1.9 3
- 334 Making Blueprint of Chordate Body: Dynamic Activities of Regulatory Genes **2013**, 113-136
- 333 Genomics, Transcriptomics, and Proteomics **2013**, 19-30
- 332 Innate Immune System and Blood Cells **2013**, 159-165
- 331 The Development of Tadpole Larvae and Sessile Juveniles **2013**, 9-18
- 330 Research Tools **2013**, 31-40
- 329 Epidermis **2013**, 69-76
- 328 Evolutionary Developmental Genomics **2013**, 175-192
- 327 The repertoire of chemical defense genes in the coral *Acropora digitifera* genome. *Zoological Science*, **2012**, 29, 510-7 0.8 13
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24	Towards a molecular understanding of differentiation mechanisms in ascidian embryos. <i>BioEssays</i> , 1987 , 7, 51-56	4.1	26
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3	Tunicate Embryos and Cell Specification		1
2	Ciona: A Model for Developmental Genomics		1
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