

# Oren Levy

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

1,997  
citations

236925

25  
h-index

276875

41  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct lineages and population genomic structure of the coral <i>Pachyseris speciosa</i> in the small equatorial reef system of Singapore. <i>Coral Reefs</i> , 2022, 41, 575-585.	2.2	7
2	Untangling the molecular basis of coral response to sedimentation. <i>Molecular Ecology</i> , 2022, 31, 884-901.	3.9	5
3	A coral spawning calendar for Sesoko Station, Okinawa, Japan. <i>Galaxea</i> , 2022, 24, 41-49.	0.7	10
4	Urbanization comprehensively impairs biological rhythms in coral holobionts. <i>Global Change Biology</i> , 2022, 28, 3349-3364.	9.5	14
5	Emerging 3D technologies for future reformation of coral reefs: Enhancing biodiversity using biomimetic structures based on designs by nature. <i>Science of the Total Environment</i> , 2022, 830, 154749.	8.0	17
6	Impacts of artificial light at night in marine ecosystems—A review. <i>Global Change Biology</i> , 2022, 28, 5346-5367.	9.5	44
7	Coral Gametogenesis Collapse under Artificial Light Pollution. <i>Current Biology</i> , 2021, 31, 413-419.e3.	3.9	41
8	The Coral Reef Sentinels Program: A Mars Shot for Blue Planetary Health. <i>Marine Technology Society Journal</i> , 2021, 55, 118-119.	0.4	0
9	The Endosymbiotic Coral Algae Symbiodiniaceae Are Sensitive to a Sensory Pollutant: Artificial Light at Night, ALAN. <i>Frontiers in Physiology</i> , 2021, 12, 695083.	2.8	10
10	Flatfoot in Africa, the cirripede <i>Chthamalus</i> in the west Indian Ocean. <i>PeerJ</i> , 2021, 9, e11710.	2.0	5
11	Cellular pathways during spawning induction in the starlet sea anemone <i>Nematostella vectensis</i> . <i>Scientific Reports</i> , 2021, 11, 15451.	3.3	5
12	Chromatin Dynamics and Gene Expression Response to Heat Exposure in Field-Conditioned versus Laboratory-Cultured <i>Nematostella vectensis</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 7454.	4.1	4
13	A unique reproductive strategy in the mushroom coral <i>Fungia fungites</i> . <i>Coral Reefs</i> , 2020, 39, 1793-1804.	2.2	8
14	The Prokaryotic Microbiome of <i>Acropora digitifera</i> is Stable under Short-Term Artificial Light Pollution. <i>Microorganisms</i> , 2020, 8, 1566.	3.6	6
15	Artificial light at night (ALAN) alters the physiology and biochemistry of symbiotic reef building corals. <i>Environmental Pollution</i> , 2020, 266, 114987.	7.5	26
16	The Complexity of the Holobiont in the Red Sea Coral <i>Euphyllia paradivisa</i> under Heat Stress. <i>Microorganisms</i> , 2020, 8, 372.	3.6	6
17	12-h clock regulation of genetic information flow by XBP1s. <i>PLoS Biology</i> , 2020, 18, e3000580.	5.6	46
18	Homogenization of Endosymbiont Communities Hosted by Equatorial Corals during the 2016 Mass Bleaching Event. <i>Microorganisms</i> , 2020, 8, 1370.	3.6	7

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19	The role of chromatin dynamics under global warming response in the symbiotic coral model <i>Aiptasia</i> . <i>Communications Biology</i> , 2019, 2, 282.	4.4	24
20	Environmental entrainment demonstrates natural circadian rhythmicity in the cnidarian <i>Nematostella vectensis</i> . <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	16
21	Chromatin dynamics enable transcriptional rhythms in the cnidarian <i>Nematostella vectensis</i> . <i>PLoS Genetics</i> , 2019, 15, e1008397.	3.5	9
22	Red Sea corals under Artificial Light Pollution at Night (ALAN) undergo oxidative stress and photosynthetic impairment. <i>Global Change Biology</i> , 2019, 25, 4194-4207.	9.5	58
23	Sustainability of coral reefs are affected by ecological light pollution in the Gulf of Aqaba/Eilat. <i>Communications Biology</i> , 2019, 2, 289.	4.4	38
24	The Algal Symbiont Modifies the Transcriptome of the Scleractinian Coral <i>Euphyllia paradivisa</i> During Heat Stress. <i>Microorganisms</i> , 2019, 7, 256.	3.6	10
25	Demystifying Circalunar and Diel Rhythmicity in <i>Acropora digitifera</i> under Constant Dim Light. <i>IScience</i> , 2019, 22, 477-488.	4.1	10
26	Impact of brine and antiscalants on reef-building corals in the Gulf of Aqaba – Potential effects from desalination plants. <i>Water Research</i> , 2018, 144, 183-191.	11.3	79
27	Setting the pace: host rhythmic behaviour and gene expression patterns in the facultatively symbiotic cnidarian <i>Aiptasia</i> are determined largely by Symbiodinium. <i>Microbiome</i> , 2018, 6, 83.	11.1	45
28	Dissecting common and divergent molecular pathways elicited by CdSe/ZnS quantum dots in freshwater and marine sentinel invertebrates. <i>Nanotoxicology</i> , 2017, 11, 289-303.	3.0	27
29	Growth, population dynamics, and reproductive output model of the non-zooxanthellate temperate solitary coral <i>Caryophyllia inornata</i> (Scleractinia, Caryophylliidae). <i>Limnology and Oceanography</i> , 2017, 62, 1111-1121.	3.1	5
30	Mediterranean versus Red sea corals facing climate change, a transcriptome analysis. <i>Scientific Reports</i> , 2017, 7, 42405.	3.3	24
31	A-to-I RNA Editing in the Earliest-Diverging Eumetazoan Phyla. <i>Molecular Biology and Evolution</i> , 2017, 34, 1890-1901.	8.9	45
32	Coral lipid bodies as the relay center interconnecting diel-dependent lipidomic changes in different cellular compartments. <i>Scientific Reports</i> , 2017, 7, 3244.	3.3	22
33	Reproductive output of a non-zooxanthellate temperate coral is unaffected by temperature along an extended latitudinal gradient. <i>PLoS ONE</i> , 2017, 12, e0171051.	2.5	5
34	Identifying genes and regulatory pathways associated with the scleractinian coral calcification process. <i>PeerJ</i> , 2017, 5, e3590.	2.0	17
35	Evidence for Rhythmicity Pacemaker in the Calcification Process of Scleractinian Coral. <i>Scientific Reports</i> , 2016, 6, 20191.	3.3	13
36	Molecular assessment of the effect of light and heterotrophy in the scleractinian coral <i>Stylophora pistillata</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20153025.	2.6	23

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37	Survey of Cnidarian Gene Expression Profiles in Response to Environmental Stressors: Summarizing 20 Years of Research, What Are We Heading for?. , 2016, , 523-543.		13
38	Comparative genomics explains the evolutionary success of reef-forming corals. ELife, 2016, 5, .	6.0	169
39	Gene expression profiles during short-term heat stress; branching <i>vs.</i> massive Scleractinian corals of the Red Sea. PeerJ, 2016, 4, e1814.	2.0	43
40	Profiling molecular and behavioral circadian rhythms in the non-symbiotic sea anemone <i>Nematostella vectensis</i> . Scientific Reports, 2015, 5, 11418.	3.3	36
41	Negative response of photosynthesis to natural and projected high seawater temperatures estimated by pulse amplitude modulation fluorometry in a temperate coral. Frontiers in Physiology, 2015, 6, 317.	2.8	15
42	Gains and losses of coral skeletal porosity changes with ocean acidification acclimation. Nature Communications, 2015, 6, 7785.	12.8	106
43	Annual Reproductive Cycle and Unusual Embryogenesis of a Temperate Coral in the Mediterranean Sea. PLoS ONE, 2015, 10, e0141162.	2.5	10
44	Signaling cascades and the importance of moonlight in coral broadcast mass spawning. ELife, 2015, 4, .	6.0	94
45	Reproductive Efficiency of a Mediterranean Endemic Zooxanthellate Coral Decreases with Increasing Temperature along a Wide Latitudinal Gradient. PLoS ONE, 2014, 9, e91792.	2.5	24
46	Fast Neurotransmission Related Genes Are Expressed in Non Nervous Endoderm in the Sea Anemone <i>Nematostella vectensis</i> . PLoS ONE, 2014, 9, e93832.	2.5	16
47	Impact of Amorphous SiO <sub>2</sub> Nanoparticles on a Living Organism: Morphological, Behavioral, and Molecular Biology Implications. Frontiers in Bioengineering and Biotechnology, 2014, 2, 37.	4.1	43
48	Novel tools integrating metabolic and gene function to study the impact of the environment on coral symbiosis. Frontiers in Microbiology, 2014, 5, 448.	3.5	11
49	Circadian clocks in symbiotic corals: The duet between Symbiodinium algae and their coral host. Marine Genomics, 2014, 14, 47-57.	1.1	56
50	Biom mineralization control related to population density under ocean acidification. Nature Climate Change, 2014, 4, 593-597.	18.8	68
51	Biom mineralization in Mediterranean Corals: The Role of the Intraskel etal Organic Matrix. Crystal Growth and Design, 2014, 14, 4310-4320.	3.0	30
52	Gene expression profiles during short-term heat stress in the red sea coral <i>Stylophora pistillata</i>. Global Change Biology, 2014, 20, 3026-3035.	9.5	81
53	Transcriptome Analysis of the Scleractinian Coral <i>Stylophora pistillata</i> . PLoS ONE, 2014, 9, e88615.	2.5	49
54	Chronobiology by moonlight. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20123088.	2.6	140

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55	Circadian Clocks in the Cnidaria: Environmental Entrainment, Molecular Regulation, and Organismal Outputs. <i>Integrative and Comparative Biology</i> , 2013, 53, 118-130.	2.0	50
56	Symbiosis drove cellular evolution. <i>Symbiosis</i> , 2010, 51, 13-25.	2.3	37
57	Experimental assessment of the feeding effort of three scleractinian coral species during a thermal stress: Effect on the rates of photosynthesis. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 390, 118-124.	1.5	125
58	In situ diel cycles of photosynthesis and calcification in hermatypic corals. <i>Limnology and Oceanography</i> , 2009, 54, 1995-2002.	3.1	38
59	Differences in photosynthetic activity between coral sections infested and not infested by boring spionid polychaetes. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2006, 86, 727-728.	0.8	5