Zac H Forsman

List of Publications by Year in Descending Order

58 papers	1,292 citations	21 h-index	35 g-index
62 ext. papers	1,537 ext. citations	3 avg, IF	4.54 L-index

#	Paper	IF	Citations
58	Mitochondrial Genome of Nonmodel Marine Metazoans by Next-Generation Sequencing (NGS). *Methods in Molecular Biology*, **2022**, 1-18	1.4	
57	Evolutionary genomics of endangered Hawaiian tree snails (Achatinellidae: Achatinellinae) for conservation of adaptive capacity. *PeerJ*, **2021**, 9, e10993	3.1	4
56	Phylogenomics of Porites from the Arabian Peninsula. *Molecular Phylogenetics and Evolution*, **2021**, 161, 107173	4.1	0
55	A resilient brooding coral in the broadcast spawning Porites lobata species complex: a new endemic, introduced species, mutant, or new adaptive potential?. *Coral Reefs*, **2020**, 39, 809-818	4.2	4
54	Species Radiations in the Sea: What the Flock?. *Journal of Heredity*, **2020**, 111, 70-83	2.4	12
53	Genomics versus mtDNA for resolving stock structure in the silky shark (). *PeerJ*, **2020**, 8, e10186	3.1	7
52	Genetic structure is stronger across human-impacted habitats than among islands in the coral. *PeerJ*, **2020**, 8, e8550	3.1	11
51	, a new genus of Dendrophylliidae (Cnidaria, Anthozoa, Scleractinia) from the eastern Atlantic. *PeerJ*, **2020**, 8, e8633	3.1	5
50	CoralCam: A flexible, low-cost ecological monitoring platform.. *HardwareX*, **2020**, 7, e00089	2.7	5
49	Shifts in coral clonality along a gradient of disturbance: insights on reproduction and dispersal of Pocillopora acuta. *Marine Biology*, **2020**, 167, 1	2.5	5
48	A ubiquitous subcuticular bacterial symbiont of a coral predator, the crown-of-thorns starfish, in the Indo-Pacific. *Microbiome*, **2020**, 8, 123	16.6	4
47	Rare coral under the genomic microscope: timing and relationships among Hawaiian Montipora. *BMC Evolutionary Biology*, **2019**, 19, 153	3	7
46	Environmental latitudinal gradients and host-specificity shape Symbiodiniaceae distribution in Red Sea Porites corals. *Journal of Biogeography*, **2019**, 46, 2323-2335	4.1	22
45	RADseq population genomics confirms divergence across closely related species in blue coral (Heliopora coerulea). *BMC Evolutionary Biology*, **2019**, 19, 187	3	7
44	Using ezRAD to reconstruct the complete mitochondrial genome of (Cnidaria: Scleractinia). *Mitochondrial DNA Part B: Resources*, **2018**, 3, 173-174	0.5	10
43	The complete mitochondrial genome of (Cnidaria: Scleractinia) obtained using next-generation sequencing. *Mitochondrial DNA Part B: Resources*, **2018**, 3, 286-287	0.5	9
42	The first Hawai workshop for coral restoration & nurseries. *Marine Policy*, **2018**, 96, 133-135	3.5	2

41	A simple molecular technique for distinguishing species reveals frequent misidentification of Hawaiian corals in the genus. *PeerJ*, **2018**, 6, e4355	3.1	22
40	Geopolitical species revisited: genomic and morphological data indicate that the roundtail chub species complex (Teleostei, Cyprinidae) is a single species. *PeerJ*, **2018**, 6, e5605	3.1	4
39	A comparison of mitochondrial genomes from five species in three genera suggests polyphyly in the subfamily Achatinellinae (Gastropoda: Pulmonata: Stylommatophora: Achatinellidae). *Mitochondrial DNA Part B: Resources*, **2018**, 3, 611-612	0.5	5
38	Species boundaries in the absence of morphological, ecological or geographical differentiation in the Red Sea octocoral genus Ovabunda (Alcyonacea: Xeniidae). *Molecular Phylogenetics and Evolution*, **2017**, 112, 174-184	4.1	30
37	Coral hybridization or phenotypic variation? Genomic data reveal gene flow between Porites lobata and P. Compressa. *Molecular Phylogenetics and Evolution*, **2017**, 111, 132-148	4.1	44
36	Comparative Molecular and Morphological Variation Analysis of Siderastrea (Anthozoa, Scleractinia) Reveals the Presence of Siderastrea stellata in the Gulf of Mexico. *Biological Bulletin*, **2017**, 232, 58-70	1.5	4
35	Plasticity or chimerism? Color polymorphism in Montipora verrilli / M. patula. *Galaxea*, **2017**, 19, 33-34	0.5	1
34	A genomic glance through the fog of plasticity and diversification in Pocillopora. *Scientific Reports*, **2017**, 7, 5991	4.9	60
33	Clone wars: asexual reproduction dominates in the invasive range of spp. (Anthozoa: Scleractinia) in the South-Atlantic Ocean. *PeerJ*, **2017**, 5, e3873	3.1	28
32	The complete mitochondrial genome of (Gastropoda: Pulmonata: Stylommatophora). *Mitochondrial DNA Part B: Resources*, **2016**, 1, 175-177	0.5	8
31	The complete mitochondrial genome of (Gastropoda: Pulmonata: Stylommatophora: Achatinellidae). *Mitochondrial DNA Part B: Resources*, **2016**, 1, 666-668	0.5	6
30	An Indo-West Pacific Prooxanthella Invasive to the western Atlantic finds its way to the Eastern Pacific via an introduced Caribbean coral. *Coral Reefs*, **2016**, 35, 577-582	4.2	7
29	The complete mitochondrial genome of the lobe coral (Anthozoa: Scleractinia) sequenced using ezRAD. *Mitochondrial DNA Part B: Resources*, **2016**, 1, 247-249	0.5	11
28	Complete mitochondrial genome sequences of Atlantic representatives of the invasive Pacific coral species Tubastraea coccinea and T. tagusensis (Scleractinia, Dendrophylliidae): Implications for species identification. *Gene*, **2016**, 590, 270-7	3.8	7
27	Getting a grip at the edge: recolonization and introgression in eastern Pacific Porites corals. *Journal of Biogeography*, **2016**, 43, 2147-2159	4.1	12
26	Depth specialization in mesophotic corals (Leptoseris spp.) and associated algal symbionts in Hawai'i. *Royal Society Open Science*, **2015**, 2, 140351	3.3	42
25	Growing coral larger and faster: micro-colony-fusion as a strategy for accelerating coral cover. *PeerJ*, **2015**, 3, e1313	3.1	60
24	Clues to unraveling the coral species problem: distinguishing species from geographic variation in Porites across the Pacific with molecular markers and microskeletal traits. *PeerJ*, **2015**, 3, e751	3.1	34

23	Cryptic species obscure introduction pathway of the blue Caribbean sponge (Haliclona (Soestella) caerulea), (order: Haplosclerida) to Palmyra Atoll, Central Pacific. *PeerJ*, **2015**, 3, e1170	3.1	9
22	Genetic species delineation among branching Caribbean Porites corals. *Coral Reefs*, **2014**, 33, 1019-1030	4.2	45
21	Extreme phenotypic polymorphism in the coral genus Pocillopora; micro-morphology corresponds to mitochondrial groups, while colony morphology does not. *Bulletin of Marine Science*, **2014**, 90, 211-231	1.3	41
20	Daytime spawning of Pocillopora species in Kaneohe Bay, Hawaii. *Galaxea*, **2014**, 16, 11-12	0.5	13
19	Intraspecific fluorescent phenotypes in Montipora capitata. *Galaxea*, **2014**, 16, 17-18	0.5	1
18	ezRAD: a simplified method for genomic genotyping in non-model organisms. *PeerJ*, **2013**, 1, e203	3.1	154
17	Genetic Evidence for Regional Isolation of Pocillopora Corals from Moorea. *Oceanography*, **2013**, 26, 153-155	2.3	18
16	Polyphyly and hidden species among Hawai'i's dominant mesophotic coral genera, Leptoseris and Pavona (Scleractinia: Agariciidae). *PeerJ*, **2013**, 1, e132	3.1	36
15	Molecular delineation of species in the coral holobiont. *Advances in Marine Biology*, **2012**, 63, 1-65	2.1	40
14	Coral farming: effects of light, water motion and artificial foods. *Journal of the Marine Biological Association of the United Kingdom*, **2012**, 92, 721-729	1.1	17
13	Microsatellite loci for the plate-and-pillar coral, Porities rus.. *Conservation Genetics Resources*, **2011**, 3, 519-521	0.8	2
12	Inter-specific coral chimerism: genetically distinct multicellular structures associated with tissue loss in Montipora capitata. *PLoS ONE*, **2011**, 6, e22869	3.7	25
11	Resurrection of Porites hawaiiensis Vaughan, 1907; a Hawaiian coral obscured by small size, cryptic habitat, and confused taxonomy. *Zootaxa*, **2010**, 2624, 67	0.5	6
10	Ecomorph or endangered coral? DNA and microstructure reveal hawaiian species complexes: Montipora dilatata/flabellata/turgescens & M. patula/verrilli. *PLoS ONE*, **2010**, 5, e15021	3.7	48
9	Shape-shifting corals: molecular markers show morphology is evolutionarily plastic in Porites. *BMC Evolutionary Biology*, **2009**, 9, 45	3	145
8	American Samoa: island of giants: massive Porites colonies at Ta'u island. *Coral Reefs*, **2009**, 28, 735-735	4.2	14
7	A phylogeny of the "evil tribe" (Vernonieae: Compositae) reveals Old/New World long distance dispersal: support from separate and combined congruent datasets (trnL-F, ndhF, ITS). *Molecular Phylogenetics and Evolution*, **2007**, 44, 89-103	4.1	70
6	Investigating fragment size for culturing reef-building corals (Porites lobata and P. compressa) in ex situ nurseries. *Aquaculture*, **2006**, 261, 89-97	4.4	51

5	An ITS region phylogeny of Siderastrea (Cnidaria: Anthozoa): is S. glynni endangered or introduced?. *Coral Reefs*, **2005**, 24, 343-347	4.2	29
4	Phylogenetic analysis of polyomavirus simian virus 40 from monkeys and humans reveals genetic variation. *Journal of Virology*, **2004**, 78, 9306-16	6.6	24
3	Genetic structure is stronger across human-impacted habitats than among islands in the coralPorites lobata		2
2	Molecular Evolution of Reef-Building Corals2, 1-7		
1	A phylogenomic examination of Palmyra Atoll□ corallimorpharian invader. *Coral Reefs*,1	4.2	2