

# Mikhail V Matz

## List of Publications by Year in descending order

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132  
papers

15,456  
citations

28274

55  
h-index

19749

117  
g-index

158  
all docs

158  
docs citations

158  
times ranked

16206  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Fluorescent proteins from nonbioluminescent Anthozoa species. <i>Nature Biotechnology</i> , 1999, 17, 969-973.   | 17.5 | 1,711     |
| 2  | Fluorescent Proteins and Their Applications in Imaging Living Cells and Tissues. <i>Physiological Reviews</i> , 2010, 90, 1103-1163.   | 28.8 | 1,175     |
| 3  | 2b-RAD: a simple and flexible method for genome-wide genotyping. <i>Nature Methods</i> , 2012, 9, 808-810.   | 19.0 | 607       |
| 4  | A ubiquitous family of putative gap junction molecules. <i>Current Biology</i> , 2000, 10, R473-R474.  | 3.9  | 485       |
| 5  | Genomic determinants of coral heat tolerance across latitudes. <i>Science</i> , 2015, 348, 1460-1462.  | 12.6 | 473       |
| 6  | Refined crystal structure of DsRed, a red fluorescent protein from coral, at 2.0-Å resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 462-467.     | 7.1  | 422       |
| 7  | Sequencing and de novo analysis of a coral larval transcriptome using 454 GSFlx. <i>BMC Genomics</i> , 2009, 10, 219.  | 2.8  | 405       |
| 8  | GFP-like Proteins as Ubiquitous Metazoan Superfamily: Evolution of Functional Features and Structural Complexity. <i>Molecular Biology and Evolution</i> , 2004, 21, 841-850.                                  | 8.9  | 394       |
| 9  | Amplification of cDNA ends based on template-switching effect and step-out PCR. <i>Nucleic Acids Research</i> , 1999, 27, 1558-1560.   | 14.5 | 381       |
| 10 | Simple cDNA normalization using kamchatka crab duplex-specific nuclease. <i>Nucleic Acids Research</i> , 2004, 32, 37e-37.   | 14.5 | 375       |
| 11 | "Fluorescent Timer": Protein That Changes Color with Time. <i>Science</i> , 2000, 290, 1585-1588.  | 12.6 | 347       |
| 12 | Diversity and evolution of the green fluorescent protein family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4256-4261.                                 | 7.1  | 340       |
| 13 | Profiling gene expression responses of coral larvae ( <i>Acropora millepora</i> ) to elevated temperature and settlement inducers using a novel RNA-Seq procedure. <i>Molecular Ecology</i> , 2011, 20, no-no. | 3.9  | 328       |
| 14 | Rapid adaptive responses to climate change in corals. <i>Nature Climate Change</i> , 2017, 7, 627-636.   | 18.8 | 327       |
| 15 | Gene expression plasticity as a mechanism of coral adaptation to a variable environment. <i>Nature Ecology and Evolution</i> , 2017, 1, 14.  | 7.8  | 306       |
| 16 | Natural Animal Coloration Can Be Determined by a Nonfluorescent Green Fluorescent Protein Homolog. <i>Journal of Biological Chemistry</i> , 2000, 275, 25879-25882.  | 3.4  | 300       |
| 17 | Diversity and Evolution of Coral Fluorescent Proteins. <i>PLoS ONE</i> , 2008, 3, e2680.   | 2.5  | 281       |
| 18 | Gene expression associated with white syndromes in a reef building coral, <i>Acropora hyacinthus</i> . <i>BMC Genomics</i> , 2015, 16, 371.  | 2.8  | 271       |

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|----|--|------|-----------|
| 19 | Gene expression under chronic heat stress in populations of the mustard hill coral ( <i>Pterites astreoides</i> ) from different thermal environments. <i>Molecular Ecology</i> , 2013, 22, 4322-4334.                           | 3.9  | 242       |
| 20 | GFP-like chromoproteins as a source of far-red fluorescent proteins. <i>FEBS Letters</i> , 2001, 507, 16-20.   | 2.8  | 240       |
| 21 | Demystifying the <i>RAD</i> fad. <i>Molecular Ecology</i> , 2014, 23, 5937-5942.   | 3.9  | 199       |
| 22 | Potential and limits for rapid genetic adaptation to warming in a Great Barrier Reef coral. <i>PLoS Genetics</i> , 2018, 14, e1007220.   | 3.5  | 184       |
| 23 | Population genetics of the coral <i>Acropora millepora</i> : Toward genomic prediction of bleaching. <i>Science</i> , 2020, 369, .   | 12.6 | 167       |
| 24 | Considerations for maximizing the adaptive potential of restored coral populations in the western Atlantic. <i>Ecological Applications</i> , 2019, 29, e01978.   | 3.8  | 163       |
| 25 | Evidence for a host role in thermotolerance divergence between populations of the mustard hill coral ( <i>Pterites astreoides</i> ) from different reef environments. <i>Molecular Ecology</i> , 2013, 22, 4335-4348.            | 3.9  | 158       |
| 26 | Evolution of Coral Pigments Recreated. <i>Science</i> , 2004, 305, 1433-1433.  | 12.6 | 144       |
| 27 | No Control Genes Required: Bayesian Analysis of qRT-PCR Data. <i>PLoS ONE</i> , 2013, 8, e71448.   | 2.5  | 137       |
| 28 | Novel fluorescent protein from <i>Discosoma</i> coral and its mutants possesses a unique far-red fluorescence. <i>FEBS Letters</i> , 2000, 479, 127-130.   | 2.8  | 136       |
| 29 | Role of gene body methylation in acclimatization and adaptation in a basal metazoan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 13342-13346.                            | 7.1  | 136       |
| 30 | Deep-Sequencing Method for Quantifying Background Abundances of Symbiodinium Types: Exploring the Rare Symbiodinium Biosphere in Reef-Building Corals. <i>PLoS ONE</i> , 2014, 9, e94297.  | 2.5  | 135       |
| 31 | Family of the green fluorescent protein: Journey to the end of the rainbow. <i>BioEssays</i> , 2002, 24, 953-959.  | 2.5  | 131       |
| 32 | Evolution of Rhizaria: new insights from phylogenomic analysis of uncultivated protists. <i>BMC Evolutionary Biology</i> , 2010, 10, 377.  | 3.2  | 130       |
| 33 | Statistical Approaches for DNA Barcoding. <i>Systematic Biology</i> , 2006, 55, 162-169.   | 5.6  | 122       |
| 34 | Rapid Evolution of Coral Proteins Responsible for Interaction with the Environment. <i>PLoS ONE</i> , 2011, 6, e20392.   | 2.5  | 114       |
| 35 | Role of host genetics and heat-tolerant algal symbionts in sustaining populations of the endangered coral <i>Orbicella faveolata</i> in the Florida Keys with ocean warming. <i>Global Change Biology</i> , 2019, 25, 1016-1031. | 9.5  | 111       |
| 36 | CRISPR/Cas9-mediated genome editing in a reef-building coral. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5235-5240.   | 7.1  | 110       |

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|----|--|------|-----------|
| 37 | Blue light regulation of host pigment in reef-building corals. <i>Marine Ecology - Progress Series</i> , 2008, 364, 97-106.  | 1.9  | 110       |
| 38 | Development of Gene Expression Markers of Acute Heat-Light Stress in Reef-Building Corals of the Genus <i>Porites</i> . <i>PLoS ONE</i> , 2011, 6, e26914.   | 2.5  | 108       |
| 39 | Molecular Basis and Evolutionary Origins of Color Diversity in Great Star Coral <i>Montastraea cavernosa</i> (Scleractinia: Faviida). <i>Molecular Biology and Evolution</i> , 2003, 20, 1125-1133.      | 8.9  | 102       |
| 40 | Genetic variation in responses to a settlement cue and elevated temperature in the reef-building coral <i>Acropora millepora</i> . <i>Marine Ecology - Progress Series</i> , 2009, 392, 81-92.           | 1.9  | 102       |
| 41 | Contributions of host and symbiont pigments to the coloration of reef corals. <i>FEBS Journal</i> , 2007, 274, 1102-1122.  | 4.7  | 101       |
| 42 | Ordered differential display: a simple method for systematic comparison of gene expression profiles. <i>Nucleic Acids Research</i> , 1997, 25, 2541-2542.  | 14.5 | 96        |
| 43 | Adaptive Evolution of Multicolored Fluorescent Proteins in Reef-Building Corals. <i>Journal of Molecular Evolution</i> , 2006, 62, 332-339.  | 1.8  | 90        |
| 44 | Bimodal signatures of germline methylation are linked with gene expression plasticity in the coral <i>Acropora millepora</i> . <i>BMC Genomics</i> , 2014, 15, 1109.                                     | 2.8  | 89        |
| 45 | A likelihood ratio test for species membership based on DNA sequence data. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 1969-1974.                         | 4.0  | 86        |
| 46 | Are Corals Colorful?. <i>Photochemistry and Photobiology</i> , 2006, 82, 345.  | 2.5  | 79        |
| 47 | Intraspecific differences in molecular stress responses and coral pathobiome contribute to mortality under bacterial challenge in <i>Acropora millepora</i> . <i>Scientific Reports</i> , 2017, 7, 2609. | 3.3  | 78        |
| 48 | Fine-scale environmental specialization of reef-building corals might be limiting reef recovery in the Florida Keys. <i>Ecology</i> , 2015, 96, 3197-3212.   | 3.2  | 74        |
| 49 | Heritable differences in fitness-related traits among populations of the mustard hill coral, <i>Porites astreoides</i> . <i>Heredity</i> , 2015, 115, 509-516.   | 2.6  | 74        |
| 50 | Giant Deep-Sea Protist Produces Bilaterian-like Traces. <i>Current Biology</i> , 2008, 18, 1849-1854.  | 3.9  | 72        |
| 51 | Different strategies of differential display: areas of application. <i>Nucleic Acids Research</i> , 1998, 26, 5537-5543.   | 14.5 | 71        |
| 52 | Exploring the role of Micronesian islands in the maintenance of coral genetic diversity in the Pacific Ocean. <i>Molecular Ecology</i> , 2015, 24, 70-82.  | 3.9  | 68        |
| 53 | Coral larvae for restoration and research: a large-scale method for rearing <i>Acropora millepora</i> larvae, inducing settlement, and establishing symbiosis. <i>PeerJ</i> , 2017, 5, e3732.            | 2.0  | 67        |
| 54 | Crystal structure of carboxypeptidase T from <i>Thermoactinomyces vulgaris</i> . <i>FEBS Journal</i> , 1992, 208, 281-288.   | 0.2  | 65        |

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|----|---|------|-----------|
| 55 | Deep relationships of Rhizaria revealed by phylogenomics: A farewell to Haeckel's Radiolaria. <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 53-59.   | 2.7  | 65        |
| 56 | Diagnostic gene expression biomarkers of coral thermal stress. <i>Molecular Ecology Resources</i> , 2014, 14, 667-678.  | 4.8  | 65        |
| 57 | It's cheap to be colorful. <i>FEBS Journal</i> , 2007, 274, 2496-2505.  | 4.7  | 64        |
| 58 | Fantastic Beasts and How To Sequence Them: Ecological Genomics for Obscure Model Organisms. <i>Trends in Genetics</i> , 2018, 34, 121-132.  | 6.7  | 64        |
| 59 | Retracing Evolution of Red Fluorescence in GFP-Like Proteins from Faviina Corals. <i>Molecular Biology and Evolution</i> , 2010, 27, 225-233.   | 8.9  | 60        |
| 60 | Meta-analysis of the coral environmental stress response: <i>Acropora</i> corals show opposing responses depending on stress intensity. <i>Molecular Ecology</i> , 2020, 29, 2855-2870.                 | 3.9  | 60        |
| 61 | A Hinge Migration Mechanism Unlocks the Evolution of Green-to-Red Photoconversion in GFP-like Proteins. <i>Structure</i> , 2015, 23, 34-43.   | 3.3  | 58        |
| 62 | Evolutionary Consequences of DNA Methylation in a Basal Metazoan. <i>Molecular Biology and Evolution</i> , 2016, 33, 2285-2293.   | 8.9  | 57        |
| 63 | Regulation of average length of complex PCR product. <i>Nucleic Acids Research</i> , 1999, 27, 23e-23.  | 14.5 | 57        |
| 64 | Construction of a high-resolution genetic linkage map and comparative genome analysis for the reef-building coral <i>Acropora millepora</i> . <i>Genome Biology</i> , 2009, 10, R126.                   | 9.6  | 55        |
| 65 | Quantifying cryptic <i>Symbiodinium</i> diversity within <i>Orbicella faveolata</i> and <i>Orbicella franksi</i> at the Flower Garden Banks, Gulf of Mexico. <i>PeerJ</i> , 2014, 2, e386.              | 2.0  | 55        |
| 66 | Estimating the potential for coral adaptation to global warming across the Indo-West Pacific. <i>Global Change Biology</i> , 2020, 26, 3473-3481.   | 9.5  | 54        |
| 67 | Fluorescence of coral larvae predicts their settlement response to crustose coralline algae and reflects stress. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2691-2697. | 2.6  | 53        |
| 68 | So, you want to use next-generation sequencing in marine systems? Insight from the Pan-Pacific Advanced Studies Institute. <i>Bulletin of Marine Science</i> , 2014, 90, 79-122.                        | 0.8  | 53        |
| 69 | Positive genetic associations among fitness traits support evolvability of a reef-building coral under multiple stressors. <i>Global Change Biology</i> , 2019, 25, 3294-3304.                          | 9.5  | 50        |
| 70 | Population structure and connectivity of the mountainous star coral, <i>Orbicella faveolata</i> , throughout the wider Caribbean region. <i>Ecology and Evolution</i> , 2017, 7, 9234-9246.             | 1.9  | 49        |
| 71 | Novel polymorphic microsatellite markers for population genetics of the endangered Caribbean star coral, <i>Montastraea faveolata</i> . <i>Marine Biodiversity</i> , 2013, 43, 167-172.                 | 1.0  | 47        |
| 72 | Differential responses of coral larvae to the colour of ambient light guide them to suitable settlement microhabitat. <i>Royal Society Open Science</i> , 2015, 2, 150358.                              | 2.4  | 46        |

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|----|--|------|-----------|
| 73 | Molecule by molecule PCR amplification of complex DNA mixtures for direct sequencing: an approach to in vitro cloning. <i>Nucleic Acids Research</i> , 1996, 24, 2194-2195.  | 14.5 | 44        |
| 74 | Construction of cDNA Libraries from Small Amounts of Total RNA Using the Suppression PCR Effect. <i>Biochemical and Biophysical Research Communications</i> , 1997, 230, 285-288.  | 2.1  | 44        |
| 75 | Molecular tools for coral reef restoration: Beyond biomarker discovery. <i>Conservation Letters</i> , 2020, 13, e12687.  | 5.7  | 44        |
| 76 | Coral bleaching responses to climate change across biological scales. <i>Global Change Biology</i> , 2022, 28, 4229-4250.  | 9.5  | 44        |
| 77 | Microsatellite Characterization and Marker Development from Public EST and WGS Databases in the Reef-Building Coral <i>Acropora millepora</i> (Cnidaria, Anthozoa, Scleractinia). <i>Journal of Heredity</i> , 2009, 100, 329-337.                 | 2.4  | 42        |
| 78 | Molecular characterization of larval development from fertilization to metamorphosis in a reef-building coral. <i>BMC Genomics</i> , 2018, 19, 17.   | 2.8  | 39        |
| 79 | Six priorities to advance the science and practice of coral reef restoration worldwide. <i>Restoration Ecology</i> , 2021, 29, e13498.   | 2.9  | 36        |
| 80 | Ecological Complexity of Coral Recruitment Processes: Effects of Invertebrate Herbivores on Coral Recruitment and Growth Depends Upon Substratum Properties and Coral Species. <i>PLoS ONE</i> , 2013, 8, e72830.                                  | 2.5  | 35        |
| 81 | Evolutionary origins of germline segregation in Metazoa: evidence for a germ stem cell lineage in the coral <i>Orbicella faveolata</i> (Cnidaria, Anthozoa). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152128. | 2.6  | 34        |
| 82 | Amplification of Representative cDNA Samples from Microscopic Amounts of Invertebrate Tissue to Search for New Genes. , 2002, 183, 003-018.  |      | 32        |
| 83 | A Green Fluorescent Protein with Photoswitchable Emission from the Deep Sea. <i>PLoS ONE</i> , 2008, 3, e3766.   | 2.5  | 32        |
| 84 | Gene Expression Signatures of Energetic Acclimatisation in the Reef Building Coral <i>Acropora millepora</i> . <i>PLoS ONE</i> , 2013, 8, e61736.  | 2.5  | 32        |
| 85 | Transcriptome dynamics over a lunar month in a broadcast spawning acroporid coral. <i>Molecular Ecology</i> , 2017, 26, 2514-2526.   | 3.9  | 32        |
| 86 | Amplification of cDNA Ends Using PCR Suppression Effect and Step-Out PCR. , 2003, 221, 41-50.  |      | 31        |
| 87 | Very Bright Green Fluorescent Proteins from the Pontellid Copepod <i>Pontella mimocerami</i> . <i>PLoS ONE</i> , 2010, 5, e11517.  | 2.5  | 30        |
| 88 | Modeled differences of coral life-history traits influence the refugium potential of a remote Caribbean reef. <i>Coral Reefs</i> , 2017, 36, 913-925.  | 2.2  | 30        |
| 89 | Primary structure of carboxypeptidase T: Delineation of functionally relevant features in Zn-carboxypeptidase family. <i>The Protein Journal</i> , 1992, 11, 561-570.  | 1.1  | 28        |
| 90 | Red fluorescence in coral larvae is associated with a diapause-like state. <i>Molecular Ecology</i> , 2016, 25, 559-569.   | 3.9  | 28        |

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|-----|---|-----|-----------|
| 91  | Molecular cloning and primary structure of <i>Thermoactinomyces vulgaris</i> carboxypeptidase T A metalloenzyme endowed with dual substrate specificity. <i>FEBS Letters</i> , 1991, 291, 75-78.  | 2.8 | 27        |
| 92  | Environmental specialization and cryptic genetic divergence in two massive coral species from the Florida Keys Reef Tract. <i>Molecular Ecology</i> , 2021, 30, 3468-3484.  | 3.9 | 27        |
| 93  | Identification and characterization of a new family of C-type lectin-like genes from planaria <i>Girardia tigrina</i> . <i>Glycobiology</i> , 2002, 12, 463-472.  | 2.5 | 25        |
| 94  | Acidâ€‘Base Catalysis and Crystal Structures of a Least Evolved Ancestral GFP-like Protein Undergoing Green-to-Red Photoconversion. <i>Biochemistry</i> , 2013, 52, 8048-8059.  | 2.5 | 25        |
| 95  | Contrasting effects of <i>Symbiodinium</i> identity on coral host transcriptional profiles across latitudes. <i>Molecular Ecology</i> , 2018, 27, 3103-3115.  | 3.9 | 23        |
| 96  | Effects of thermal stress on amount, composition, and antibacterial properties of coral mucus. <i>PeerJ</i> , 2019, 7, e6849.   | 2.0 | 23        |
| 97  | Inductive Interactions Regulating Body Patterning in Planarian, Revealed by Analysis of Expression of Novel Genes. <i>Developmental Biology</i> , 1998, 194, 172-181.   | 2.0 | 22        |
| 98  | A cross-ocean comparison of responses to settlement cues in reef-building corals. <i>PeerJ</i> , 2014, 2, e333.   | 2.0 | 22        |
| 99  | Amplification of Representative cDNA Pools from Microscopic Amounts of Animal Tissue. , 2003, 221, 103-116.   |     | 21        |
| 100 | <i>Cladocypium</i> community divergence in two <i>Acropora</i> coral hosts across multiple spatial scales. <i>Molecular Ecology</i> , 2020, 29, 4559-4572.  | 3.9 | 21        |
| 101 | How mitonuclear discordance and geographic variation have confounded species boundaries in a widely studied snake. <i>Molecular Phylogenetics and Evolution</i> , 2021, 162, 107194.  | 2.7 | 21        |
| 102 | Altering electrical connections in the nervous system of the pteropod mollusc <i>Clione limacina</i> by neuronal injections of gap junction mRNA. <i>European Journal of Neuroscience</i> , 2002, 16, 2475-2476.                        | 2.6 | 20        |
| 103 | Applications of Ancestral Protein Reconstruction in Understanding Protein Function: GFP-Like Proteins. <i>Methods in Enzymology</i> , 2005, 395, 652-670.   | 1.0 | 20        |
| 104 | Changes in gene body methylation do not correlate with changes in gene expression in Anthozoa or Hexapoda. <i>BMC Genomics</i> , 2022, 23, 234.   | 2.8 | 19        |
| 105 | Fluorescence lifetime imaging of coral fluorescent proteins. <i>Microscopy Research and Technique</i> , 2007, 70, 243-251.  | 2.2 | 18        |
| 106 | Multi-domain GFP-like proteins from two species of marine hydrozoans. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 637-644.  | 2.9 | 18        |
| 107 | Estimating Trait Heritability in Highly Fecund Species. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2639-2645.   | 1.8 | 17        |
| 108 | Variation in heat shock protein expression at the latitudinal range limits of a widely distributed species, the <i>Glanville fritillaria</i> butterfly ( <i>Melitaea cinxia</i> ). <i>Physiological Entomology</i> , 2016, 41, 241-248. | 1.5 | 15        |

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|-----|--|-----|-----------|
| 109 | Multi-colored homologs of the green fluorescent protein from hydromedusa <i>Obelia</i> sp.. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1303-1309.   | 2.9 | 14        |
| 110 | Quantitative high resolution melting: two methods to determine SNP allele frequencies from pooled samples. <i>BMC Genetics</i> , 2015, 16, 62.   | 2.7 | 14        |
| 111 | Characterization of a Group of MITEs with Unusual Features from Two Coral Genomes. <i>PLoS ONE</i> , 2010, 5, e10700.  | 2.5 | 14        |
| 112 | Evolution of Function and Color in GFP-Like Proteins. <i>Methods of Biochemical Analysis</i> , 2005, 47, 139-161.  | 0.2 | 12        |
| 113 | Benchmarking DNA methylation assays in a reef-building coral. <i>Molecular Ecology Resources</i> , 2021, 21, 464-477.  | 4.8 | 12        |
| 114 | Gene expression associated with disease resistance and long-term growth in a reef-building coral. <i>Royal Society Open Science</i> , 2021, 8, 210113.   | 2.4 | 10        |
| 115 | Shuffling between <i>Cladocopium</i> and <i>Durusdinium</i> extensively modifies the physiology of each symbiont without stressing the coral host. <i>Molecular Ecology</i> , 2021, 30, 6585-6595.                                   | 3.9 | 10        |
| 116 | Comparative neurotranscriptomics reveal widespread species differences associated with bonding. <i>BMC Genomics</i> , 2021, 22, 399.   | 2.8 | 7         |
| 117 | Discovery and Properties of GFP-Like Proteins from Nonbioluminescent Anthozoa. <i>Methods of Biochemical Analysis</i> , 2005, , 121-138.   | 0.2 | 6         |
| 118 | Comparative transcriptomics of sympatric species of coral reef fishes (genus: <i>Haemulon</i> ). <i>PeerJ</i> , 2019, 7, e6541.  | 2.0 | 6         |
| 119 | Sequence-Independent Method for in Vitro Generation of Nested Deletions for Sequencing Large DNA Fragments. <i>Analytical Biochemistry</i> , 1998, 258, 138-141.   | 2.4 | 5         |
| 120 | Relationship between <i>Acropora millepora</i> juvenile fluorescence and composition of newly established <i>Symbiodinium</i> assemblage. <i>PeerJ</i> , 2018, 6, e5022.   | 2.0 | 5         |
| 121 | Discovery and properties of GFP-like proteins from nonbioluminescent anthozoa. <i>Methods of Biochemical Analysis</i> , 2006, 47, 121-38.  | 0.2 | 4         |
| 122 | Mechanisms and potential immune tradeoffs of accelerated coral growth induced by microfragmentation. <i>PeerJ</i> , 2022, 10, e13158.  | 2.0 | 4         |
| 123 | Complex selection on a regulator of social cognition: Evidence of balancing selection, regulatory interactions and population differentiation in the prairie vole <i>Avpr1a</i> locus. <i>Molecular Ecology</i> , 2018, 27, 419-431. | 3.9 | 3         |
| 124 | A 2b-RAD parentage analysis pipeline for complex and mixed DNA samples. <i>Forensic Science International: Genetics</i> , 2021, 55, 102590.  | 3.1 | 3         |
| 125 | Novel fluorescent proteins: diversity, mutagenesis and applications. , 0, 2004, .  |     | 3         |
| 126 | Photoinduced activation of GFP-like proteins in tissues of reef corals. , 2006, 6098, 64.  |     | 2         |



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|-----|--|-----|-----------|
| 127 | Dealing with model uncertainty in reconstructing ancestral proteins in the laboratory: examples from archosaur visual pigments and coralfluorescent proteins. , 2007, , 164-180. |     | 2         |
| 128 | NATURAL ANIMAL COLORATION CAN BE DETERMINED BY A NON-FLUORESCENT GFP HOMOLOG. , 2001, , .  |     | 1         |
| 129 | Whole mount in situhybridization on freshwater planaria. Technical Tips Online, 1997, 2, 100-103.  | 0.2 | 0         |
| 130 | Methods for Analysing mRNA Expression. , 0, , 163-407.   |     | 0         |
| 131 | Ordered Differential Display. , 2006, 317, 059-074.  |     | 0         |
| 132 | BOOK REVIEW   Aglow in the Dark: The Revolutionary Science of Biofluorescence. Oceanography, 2006, 19, 155-157.  | 1.0 | 0         |