

Robert R Warner

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136
papers

19,139
citations

60
h-index

138
g-index

138
ext. papers

21,001
ext. citations

6.1
avg, IF

6.51
L-index

#	Paper	IF	Citations
136	Historical overfishing and the recent collapse of coastal ecosystems. <i>Science</i> , 2001 , 293, 629-37	33.3	4278
135	Global trajectories of the long-term decline of coral reef ecosystems. <i>Science</i> , 2003 , 301, 955-8	33.3	1343
134	Biological effects within no-take marine reserves: a global synthesis. <i>Marine Ecology - Progress Series</i> , 2009 , 384, 33-46	2.6	920
133	Environmental Variability Promotes Coexistence in Lottery Competitive Systems. <i>American Naturalist</i> , 1981 , 117, 923-943	3.7	905
132	Marine defaunation: animal loss in the global ocean. <i>Science</i> , 2015 , 347, 1255641	33.3	653
131	Coexistence Mediated by Recruitment Fluctuations: A Field Guide to the Storage Effect. <i>American Naturalist</i> , 1985 , 125, 769-787	3.7	567
130	Larval retention and recruitment in an island population of a coral-reef fish. <i>Nature</i> , 1999 , 402, 799-802	50.4	556
129	Marine reserves have rapid and lasting effects. <i>Ecology Letters</i> , 2002 , 5, 361-366	10	458
128	The Adaptive Significance of Sequential Hermaphroditism in Animals. <i>American Naturalist</i> , 1975 , 109, 61-82	3.7	359
127	Sex change and sexual selection. <i>Science</i> , 1975 , 190, 633-8	33.3	325
126	TRAJECTORIES AND CORRELATES OF COMMUNITY CHANGE IN NO-TAKE MARINE RESERVES 2004 , 14, 1709-1723		296
125	2003 , 13, 90-107		284
124	2003 , 13, 199-214		279
123	The stochastic nature of larval connectivity among nearshore marine populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 8974-9	11.5	273
122	Diversity and flexibility of sex-change strategies in animals. <i>Trends in Ecology and Evolution</i> , 2006 , 21, 89-95	10.9	269
121	Predicting evolutionary responses to climate change in the sea. <i>Ecology Letters</i> , 2013 , 16, 1488-500	10	262
120	Traditionality of mating-site preferences in a coral reef fish. <i>Nature</i> , 1988 , 335, 719-721	50.4	244

119	2003 , 13, 170-184		218
118	Sexual patterns in the labroid fishes of the western Caribbean, I the wrasses (Labridae). <i>Smithsonian Contributions To Zoology</i> , 1978 , 1-27		206
117	Sex change and the size-advantage model. <i>Trends in Ecology and Evolution</i> , 1988 , 3, 133-6	10.9	203
116	Matching marine reserve design to reserve objectives. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 1871-8	4.4	197
115	2003 , 13, 215-228		194
114	Sexual conflict: males with highest mating success convey the lowest fertilization benefits to females. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1995 , 262, 135-9	4.4	189
113	Current shifts and kin aggregation explain genetic patchiness in fish recruits. <i>Ecology</i> , 2006 , 87, 3082-94	4.6	174
112	LOCAL POPULATION SIZE AS A DETERMINANT OF MATING SYSTEM AND SEXUAL COMPOSITION IN TWO TROPICAL MARINE FISHES (THALASSOMA SPP.). <i>Evolution; International Journal of Organic Evolution</i> , 1980 , 34, 508-518	3.8	169
111	Sexual patterns in the labroid fishes of the Western Caribbean, II, the parrotfishes (Scaridae). <i>Smithsonian Contributions To Zoology</i> , 1978 , 1-26		169
110	Social Control of Sex Change in the Bluehead Wrasse, <i>Thalassoma bifasciatum</i> (Pisces: Labridae). <i>Biological Bulletin</i> , 1991 , 181, 199-204	1.5	167
109	Geographical patterns of genetic structure in marine species with contrasting life histories. <i>Journal of Biogeography</i> , 2009 , 36, 1881-1890	4.1	146
108	Hypothalamic arginine vasotocin mRNA abundance variation across sexes and with sex change in a coral reef fish. <i>Brain, Behavior and Evolution</i> , 2000 , 55, 77-84	1.5	119
107	Population Density and the Economics of Territorial Defense in a Coral Reef Fish. <i>Ecology</i> , 1980 , 61, 772-780	4.8	118
106	Elevated levels of trace elements in cores of otoliths and their potential for use as natural tags. <i>Marine Ecology - Progress Series</i> , 2005 , 297, 273-281	2.6	117
105	CONFOUNDING EFFECTS OF THE EXPORT OF PRODUCTION AND THE DISPLACEMENT OF FISHING EFFORT FROM MARINE RESERVES 2004 , 14, 1248-1256		115
104	Sex change in fishes: hypotheses, evidence, and objections. <i>Journal of Applied Phycology</i> , 1988 , 22, 81-90	3.2	114
103	Field evidence for pervasive indirect effects of fishing on prey foraging behavior. <i>Ecology</i> , 2010 , 91, 3563-71	4.7	106
102	The relationship between maternal phenotype and offspring quality: do older mothers really produce the best offspring?. <i>Ecology</i> , 2010 , 91, 2862-73	4.6	105

101	MALE AND FEMALE ALTERNATIVE REPRODUCTIVE BEHAVIORS IN FISHES:A New Approach Using Intersexual Dynamics. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1997 , 28, 571-592		103
100	Detecting larval export from marine reserves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 18266-71	11.5	100
99	Postsettlement survival linked to larval life in a marine fish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 1561-6	11.5	100
98	Female choice of sites versus mates in a coral reef fish, <i>Thalassoma bifasciatum</i> . <i>Animal Behaviour</i> , 1987 , 35, 1470-1478	2.8	99
97	Allocation to Mate Guarding or Increased Sperm Production in a Mediterranean Wrasse. <i>American Naturalist</i> , 2000 , 156, 266-275	3.7	94
96	DEFERRED REPRODUCTION AS A RESPONSE TO SEXUAL SELECTION IN A CORAL REEF FISH: A TEST OF THE LIFE HISTORICAL CONSEQUENCES. <i>Evolution; International Journal of Organic Evolution</i> , 1984 , 38, 148-162	3.8	93
95	SEXUAL SELECTION AND MALE CHARACTERISTICS IN THE BLUEHEAD WRASSE, <i>THALASSOMA BIFASCIATUM</i> : MATING SITE ACQUISITION, MATING SITE DEFENSE, AND FEMALE CHOICE. <i>Evolution; International Journal of Organic Evolution</i> , 1992 , 46, 1421-1442	3.8	89
94	Variability in Recruitment of Coral Reef Fishes: The Importance of Habitat at Two Spatial Scales. <i>Ecology</i> , 1996 , 77, 2488-2504	4.6	88
93	Sex ratio, sex change, and natural selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1976 , 73, 3656-60	11.5	87
92	Behavioural sex change in the absence of gonads in a coral reef fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1996 , 263, 1683-8	4.4	84
91	A new version of the size-advantage hypothesis for sex change: incorporating sperm competition and size-fecundity skew. <i>American Naturalist</i> , 2003 , 161, 749-61	3.7	82
90	Integrated coastal reserve planning: making the land-sea connection. <i>Frontiers in Ecology and the Environment</i> , 2005 , 3, 429-436	5.5	79
89	Sex change limited by paternal care: a test using four Mediterranean labrid fishes, genus <i>Symphodus</i> . <i>Marine Biology</i> , 1985 , 87, 89-99	2.5	79
88	Sexual Selection and Male Characteristics in the Bluehead Wrasse, <i>Thalassoma bifasciatum</i> : Mating Site Acquisition, Mating Site Defense, and Female Choice. <i>Evolution; International Journal of Organic Evolution</i> , 1992 , 46, 1421	3.8	76
87	Resource Assessment Versus Tradition in Mating-Site Determination. <i>American Naturalist</i> , 1990 , 135, 205-217	3.7	73
86	THE COSTS OF CHANGING SEX AND THE ONTOGENY OF MALES UNDER CONTEST COMPETITION FOR MATES. <i>Evolution; International Journal of Organic Evolution</i> , 1985 , 39, 915-927	3.8	70
85	A social basis for the development of primary males in a sex-changing fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006 , 273, 2845-51	4.4	69
84	Patterns, causes and consequences of regional variation in the ecology and life history of a reef fish. <i>Oecologia</i> , 2005 , 145, 394-403	2.9	67

83	Recovery trajectories of kelp forest animals are rapid yet spatially variable across a network of temperate marine protected areas. <i>Scientific Reports</i> , 2015 , 5, 14102	4.9	66
82	Male versus female influences on mating-site determination in a coral reef fish. <i>Animal Behaviour</i> , 1990 , 39, 540-548	2.8	66
81	Habitat size, recruitment, and longevity as factors limiting population size in stage-structured species. <i>American Naturalist</i> , 2005 , 165, 82-94	3.7	64
80	Social control of sex change in the shelf limpet, <i>Crepidula norrisiarum</i> : size-specific responses to local group composition. <i>Journal of Experimental Marine Biology and Ecology</i> , 1996 , 204, 155-167	2.1	64
79	Energetic Constraints and Size-Based Tactics: The Adaptive Significance of Breeding-Schedule Variation in a Marine Fish (Embiotocidae: <i>Micrometrus minimus</i>). <i>American Naturalist</i> , 1991 , 138, 1408-1430	2.7	64
78	Local Population Size as a Determinant of Mating System and Sexual Composition in Two Tropical Marine Fishes (<i>Thalassoma</i> Spp.). <i>Evolution; International Journal of Organic Evolution</i> , 1980 , 34, 508	3.8	64
77	Male parental care and female choice in the bicolor damselfish, <i>Stegastes partitus</i> : bigger is not always better. <i>Animal Behaviour</i> , 1991 , 41, 747-756	2.8	63
76	Fishing indirectly structures macroalgal assemblages by altering herbivore behavior. <i>American Naturalist</i> , 2010 , 176, 785-801	3.7	60
75	Characterization of microsatellite loci in a pelagic spawner: the bluehead wrasse, <i>Thalassoma bifasciatum</i> . <i>Molecular Ecology</i> , 1998 , 7, 1613-4	5.7	58
74	Variable Pelagic Fertilization Success: Implications for Mate Choice and Spatial Patterns of Mating. <i>Ecology</i> , 1992 , 73, 391-401	4.6	58
73	Dynamic games and field experiments examining intra- and intersexual conflict: explaining counterintuitive mating behavior in a Mediterranean wrasse, <i>Symphodus ocellatus</i> . <i>Behavioral Ecology</i> , 2000 , 11, 56-70	2.3	57
72	Evolutionary ecology: how to reconcile pelagic dispersal with local adaptation. <i>Coral Reefs</i> , 1997 , 16, S115-S120	4.2	55
71	Trace elemental fingerprinting of gastropod statoliths to study larval dispersal trajectories. <i>Marine Ecology - Progress Series</i> , 2003 , 248, 297-303	2.6	55
70	Natal trace-elemental signatures in the otoliths of an open-coast fish. <i>Limnology and Oceanography</i> , 2005 , 50, 1529-1542	4.8	52
69	Does fish larval dispersal differ between high and low latitudes?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20130327	4.4	51
68	How large is the hand in the puppet? Ecological and evolutionary factors affecting body mass of 15 trematode parasitic castrators in their snail host. <i>Evolutionary Ecology</i> , 2009 , 23, 651	1.8	51
67	Phylogenetic perspectives on the evolution of functional hermaphroditism in teleost fishes. <i>Integrative and Comparative Biology</i> , 2013 , 53, 736-54	2.8	49
66	Examining the interaction between multi-year landfast sea ice and the Mertz Glacier Tongue, East Antarctica: Another factor in ice sheet stability?. <i>Journal of Geophysical Research</i> , 2010 , 115,		47

65	New wave: high-tech tools to help marine reserve research. <i>Frontiers in Ecology and the Environment</i> , 2003 , 1, 73-79	5.5	47
64	SPERM COMPETITION AND SPERM STORAGE AS DETERMINANTS OF SEXUAL DIMORPHISM IN THE DWARF SURFPERCH, MICROMETRUS MINIMUS. <i>Evolution; International Journal of Organic Evolution</i> , 1982 , 36, 44-55	3.8	47
63	Testing a new version of the size-advantage hypothesis for sex change: sperm competition and size-skew effects in the bucktooth parrotfish, <i>Sparisoma radians</i> . <i>Behavioral Ecology</i> , 2004 , 15, 129-136	2.3	45
62	Female choice and the mating cost of peripheral males. <i>Animal Behaviour</i> , 1989 , 38, 875-884	2.8	45
61	A trade-off generated by sexual conflict: Mediterranean wrasse males refuse present mates to increase future success. <i>Behavioral Ecology</i> , 1999 , 10, 105-111	2.3	43
60	Human activities change marine ecosystems by altering predation risk. <i>Global Change Biology</i> , 2016 , 22, 44-60	11.4	42
59	Indirect effects of an ectoparasite reduce successful establishment of a damselfish at settlement. <i>Functional Ecology</i> , 2011 , 25, 586-594	5.6	41
58	Behavioral and energetic costs of group membership in a coral reef fish. <i>Oecologia</i> , 2007 , 154, 423-33	2.9	41
57	Quantifying larval export from South African marine reserves. <i>Marine Ecology - Progress Series</i> , 2009 , 394, 65-78	2.6	40
56	Ecology. Why gobies are like Hobbits. <i>Science</i> , 2003 , 299, 51-2	33.3	40
55	Sperm Allocation in Coral Reef Fishes. <i>BioScience</i> , 1997 , 47, 561-564	5.7	39
54	Safety in numbers and the spatial scaling of density-dependent mortality in a coral reef fish. <i>Ecology</i> , 2007 , 88, 3044-54	4.6	38
53	Components of fertilization success in the bluehead wrasse, <i>Thalassoma bifasciatum</i> . <i>Behavioral Ecology</i> , 2001 , 12, 237-245	2.3	37
52	Large mating aggregations and daily long-distance spawning migrations in the bluehead wrasse, <i>Thalassoma bifasciatum</i> . <i>Environmental Biology of Fishes</i> , 1995 , 44, 337-345	1.6	36
51	Deferred Reproduction as a Response to Sexual Selection in a Coral Reef Fish: A Test of the Life Historical Consequences. <i>Evolution; International Journal of Organic Evolution</i> , 1984 , 38, 148	3.8	35
50	Phenotypic plasticity in life-history traits of female <i>Thalassoma bifasciatum</i> (Pisces: Labridae): 2. Correlation of fecundity and growth rate in comparative studies. <i>Environmental Biology of Fishes</i> , 1991 , 30, 333-344	1.6	34
49	Use of otolith natal elemental signatures as natural tags to evaluate connectivity among open-coast fish populations. <i>Marine Ecology - Progress Series</i> , 2008 , 356, 259-268	2.6	34
48	Alternative Contexts of Sex Change with Social Control in the Bucktooth Parrotfish, <i>Sparisoma radians</i> . <i>Environmental Biology of Fishes</i> , 2003 , 68, 307-319	1.6	33

47	The effects of mating system on male mate choice in a coral reef fish. <i>Behavioral Ecology and Sociobiology</i> , 1989 , 24, 409-415	2.5	32
46	Underestimating the benefits of marine protected areas for the replenishment of fished populations. <i>Frontiers in Ecology and the Environment</i> , 2019 , 17, 407-413	5.5	29
45	The role of extreme iteroparity and risk avoidance in the evolution of mating systems. <i>Journal of Fish Biology</i> , 1998 , 53, 82-93	1.9	29
44	Geographic variation in natal and early larval trace-elemental signatures in the statoliths of the market squid <i>Doryteuthis</i> (formerly <i>Loligo</i>) <i>opalescens</i> . <i>Marine Ecology - Progress Series</i> , 2009 , 379, 109-121	2.6	29
43	Cleaning behavior is riskier and less profitable than an alternative strategy for a facultative cleaner fish. <i>Coral Reefs</i> , 2007 , 26, 87-94	4.2	28
42	Courtship and Spawning Behavior in the California Sheephead, <i>Semicossyphus Pulcher</i> (Pisces: Labridae). <i>Environmental Biology of Fishes</i> , 2004 , 71, 13-19	1.6	28
41	The Use of Phenotypic Plasticity in Coral Reef Fishes as Tests of Theory in Evolutionary Ecology 1991 , 387-398		28
40	Protection of large predators in a marine reserve alters size-dependent prey mortality. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	27
39	Reproductive decision-making by female peacock wrasses: flexible versus fixed behavioral rules in variable environments. <i>Behavioral Ecology</i> , 1999 , 10, 666-674	2.3	27
38	Dynamics of female choice for parental care in a fish species where care is facultative. <i>Behavioral Ecology</i> , 1995 , 6, 73-81	2.3	27
37	Courtship displays and coloration as indicators of safety rather than of male quality : the safety assurance hypothesis. <i>Behavioral Ecology</i> , 2000 , 11, 444-451	2.3	25
36	The Costs of Changing Sex and the Ontogeny of Males Under Contest Competition for Mates. <i>Evolution; International Journal of Organic Evolution</i> , 1985 , 39, 915	3.8	25
35	Sperm Competition and Sperm Storage as Determinants of Sexual Dimorphism in the Dwarf Surfperch, <i>Micrometrus minimus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1982 , 36, 44	3.8	24
34	Consistent long-term spatial gradients in replenishment for an island population of a coral reef fish. <i>Marine Ecology - Progress Series</i> , 2006 , 306, 247-256	2.6	24
33	Parasite infestation increases on coral reefs without cleaner fish. <i>Coral Reefs</i> , 2018 , 37, 15-24	4.2	23
32	Markov chain Monte Carlo methods for assigning larvae to natal sites using natural geochemical tags 2008 , 18, 1901-13		21
31	PHENOTYPIC PLASTICITY IN LIFE-HISTORY TRAITS OF FEMALE THALASSOMA BIFASCIATUM (PISCES: LABRIDAE). 1. MANIPULATIONS OF SOCIAL STRUCTURE IN TESTS FOR ADAPTIVE SHIFTS OF LIFE-HISTORY ALLOCATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 1989 , 43, 1497-1506	3.8	21
30	Size-related mortality due to gnathiid isopod micropredation correlates with settlement size in coral reef fishes. <i>Coral Reefs</i> , 2017 , 36, 549-559	4.2	20

29	Spatial and temporal variation in the natal otolith chemistry of a Hawaiian reef fish: prospects for measuring population connectivity. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2008 , 65, 1181-1192	2.4	20
28	Egg source, temperature and culture seawater affect elemental signatures in <i>Kelletia kelletii</i> larval statoliths. <i>Marine Ecology - Progress Series</i> , 2008 , 353, 115-130	2.6	20
27	Predation risk influences feeding rates but competition structures space use for a common Pacific parrotfish. <i>Oecologia</i> , 2017 , 184, 139-149	2.9	19
26	Connectivity, Dispersal, and Recruitment: Connecting Benthic Communities and the Coastal Ocean. <i>Oceanography</i> , 2019 , 32, 50-59	2.3	18
25	Otolith elemental signatures reflect residency in coastal water masses. <i>Environmental Biology of Fishes</i> , 2010 , 89, 341-356	1.6	16
24	Changes in local free-living parasite populations in response to cleaner manipulation over 12 years. <i>Oecologia</i> , 2019 , 190, 783-797	2.9	15
23	Benthic processes and overlying fish assemblages drive the composition of benthic detritus on a central Pacific coral reef. <i>Marine Ecology - Progress Series</i> , 2013 , 482, 181-195	2.6	14
22	Methodological analysis of fertilization rate in the bluehead wrasse <i>Thalassoma bifasciatum</i> : pair versus group spawns. <i>Marine Ecology - Progress Series</i> , 1997 , 161, 61-70	2.6	13
21	A Shell of Its Former Self: Can <i>Ostrea lurida</i> Carpenter 1864 Larval Shells Reveal Information About a Recruit's Birth Location?. <i>Journal of Shellfish Research</i> , 2009 , 28, 23-32	1	12
20	Otolith barium profiles verify the timing of settlement in a coral reef fish. <i>Marine Ecology - Progress Series</i> , 2009 , 385, 237-244	2.6	12
19	Natal signatures of juvenile <i>Coris julis</i> in the Azores: investigating connectivity scenarios in an oceanic archipelago. <i>Marine Ecology - Progress Series</i> , 2009 , 387, 51-59	2.6	12
18	Relative fitness components measured with competitive PCR. <i>Molecular Ecology</i> , 2000 , 9, 1409-14	5.7	11
17	The Dynamics of Territory Acquisition: A Model of Two Coexisting Strategies. <i>Theoretical Population Biology</i> , 1995 , 47, 347-364	1.2	11
16	Do behavioral foraging responses of prey to predators function similarly in restored and pristine foodwebs?. <i>PLoS ONE</i> , 2012 , 7, e32390	3.7	10
15	Spatial pattern of natal signatures in the otoliths of juvenile kelp rockfish along the Californian coast. <i>Marine Ecology - Progress Series</i> , 2011 , 437, 279-290	2.6	10
14	Linking male qualities to multiple display traits: an example in a fish with exclusive male care. <i>Behavioral Ecology and Sociobiology</i> , 2012 , 66, 497-504	2.5	9
13	Evolutionary biology: sex change and relative body size in animals. <i>Nature</i> , 2004 , 428, 1 p following 616; discussion 2 p following 616	50.4	9
12	Where a male is hard to find: consequences of male rarity in the surfgrass <i>Phyllospadix torreyi</i> □ <i>Marine Ecology - Progress Series</i> , 2012 , 449, 121-132	2.6	9

11	The Interaction of Retention, Recruitment, and Density-Dependent Mortality in the Spatial Placement of Marine Reserves. <i>Gulf and Caribbean Research</i> , 14,	1	7
10	Sexual-Asexual Evolutionary Equilibrium?. <i>American Naturalist</i> , 1978 , 112, 960-962	3.7	7
9	Needed: a dynamic approach to understand sex change. <i>Animal Behaviour</i> , 2008 , 75, e11-e14	2.8	5
8	Phenotypic Plasticity in Life-History Traits of Female <i>Thalassoma bifasciatum</i> (Pisces: Labridae). 1. Manipulations of Social Structure in Tests for Adaptive Shifts of Life-History Allocations. <i>Evolution; International Journal of Organic Evolution</i> , 1989 , 43, 1497	3.8	5
7	Reply from R.R. Warner. <i>Trends in Ecology and Evolution</i> , 1989 , 4, 272-3	10.9	4
6	Integrated Coastal Reserve Planning: Making the Land-Sea Connection. <i>Frontiers in Ecology and the Environment</i> , 2005 , 3, 429	5.5	3
5	Empirical Approaches to Measure Connectivity. <i>Oceanography</i> , 2019 , 32, 60-61	2.3	3
4	Parasites of coral reef fish larvae: its role in the pelagic larval stage. <i>Coral Reefs</i> , 2019 , 38, 199-214	4.2	2
3	Fake spawns and floating particles: a rebuttal of Karkarey et al. "Alternative reproductive tactics and inverse size-assortment in a high-density fish spawning aggregation". <i>BMC Ecology</i> , 2018 , 18, 48	2.7	2
2	Female Influences on Male Reproductive Success 1997 , 334-350		2
1	12. Synthesis: Environment, Mating Systems, and Life History Allocations in the Bluehead Wrasse 2002 , 227-244		1