

Richard K Grosberg

List of Publications by Year in descending order

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65
papers

5,491
citations

126907

33
h-index

114465

63
g-index

67
all docs

67
docs citations

67
times ranked

5790
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecological and evolutionary insights from species invasions. <i>Trends in Ecology and Evolution</i> , 2007, 22, 465-471.	8.7	774
2	The Evolution of Multicellularity: A Minor Major Transition?. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2007, 38, 621-654.	8.3	547
3	The genetic control and consequences of kin recognition by the larvae of a colonial marine invertebrate. <i>Nature</i> , 1986, 322, 456-459.	27.8	308
4	Limited potential for adaptation to climate change in a broadly distributed marine crustacean. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 349-356.	2.6	262
5	Strong genetic clines and geographical variation in gene flow in the rocky intertidal barnacle <i>Balanus glandula</i> . <i>Molecular Ecology</i> , 2004, 13, 2143-2156.	3.9	235
6	Competitive ability influences habitat choice in marine invertebrates. <i>Nature</i> , 1981, 290, 700-702.	27.8	232
7	Genetic diversity, asymmetrical aggression, and recognition in a widespread invasive species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1078-1083.	7.1	227
8	The Evolution of Allorecognition Specificity in Clonal Invertebrates. <i>Quarterly Review of Biology</i> , 1988, 63, 377-412.	0.1	208
9	Intertidal Zonation of Barnacles: The Influence of Planktonic Zonation of Larvae on Vertical Distribution of Adults. <i>Ecology</i> , 1982, 63, 894-899.	3.2	204
10	Contrasting demographic history and phylogeographical patterns in two Indo-Pacific gastropods. <i>Molecular Ecology</i> , 2008, 17, 611-626.	3.9	161
11	LIMITED DISPERSAL AND PROXIMITY-DEPENDENT MATING SUCCESS IN THE COLONIAL ASCIDIAN <i>BOTRYLLUS SCHLOSSERI</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1987, 41, 372-384.	2.3	149
12	For adults only? Supply-side ecology and the history of larval biology. <i>Trends in Ecology and Evolution</i> , 1992, 7, 130-133.	8.7	139
13	Mate Selection and the Evolution of Highly Polymorphic Self/Nonself Recognition Genes. <i>Science</i> , 2000, 289, 2111-2114.	12.6	125
14	When is dispersal for dispersal? Unifying marine and terrestrial perspectives. <i>Biological Reviews</i> , 2016, 91, 867-882.	10.4	125
15	Biodiversity in water and on land. <i>Current Biology</i> , 2012, 22, R900-R903.	3.9	124
16	SPERM-MEDIATED GENE FLOW AND THE GENETIC STRUCTURE OF A POPULATION OF THE COLONIAL ASCIDIAN <i>BOTRYLLUS SCHLOSSERI</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 130-142.	2.3	116
17	The Great Divergence: When Did Diversity on Land Exceed That in the Sea?. <i>Integrative and Comparative Biology</i> , 2010, 50, 675-682.	2.0	110
18	The Timing of Sexual Maturity in Clonal Animals. <i>Ecology</i> , 1988, 69, 1855-1864.	3.2	97

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19	LIFE-HISTORY VARIATION WITHIN A POPULATION OF THE COLONIAL ASCIDIAN BOTRYLLUS SCHLOSSERI. I. THE GENETIC AND ENVIRONMENTAL CONTROL OF SEASONAL VARIATION. <i>Evolution; International Journal of Organic Evolution</i> , 1988, 42, 900-920.	2.3	94
20	Population genetic analysis of a recent range expansion: mechanisms regulating the poleward range limit in the volcano barnacle <i>Tetraclita rubescens</i> . <i>Molecular Ecology</i> , 2010, 19, 1585-1605.	3.9	70
21	Limited Dispersal and Proximity-Dependent Mating Success in the Colonial Ascidian Botryllus schlosseri. <i>Evolution; International Journal of Organic Evolution</i> , 1987, 41, 372.	2.3	67
22	Morphogenetic basis for phenotypic differences in hydroid competitive behaviour. <i>Nature</i> , 1990, 343, 63-66.	27.8	64
23	EVOLUTIONARY GENETICS OF ALLORECOGNITION IN THE COLONIAL HYDROID <i>HYDRACTINIA SYMBIOLONGICARPUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 2221-2240.	2.3	64
24	Dispersal potential and population genetic structure in the marine intertidal of the eastern North Pacific. <i>Ecological Monographs</i> , 2014, 84, 435-456.	5.4	59
25	Aggression, Habituation, and Clonal Coexistence in the Sea Anemone <i>Anthopleura elegantissima</i> . <i>American Naturalist</i> , 1995, 146, 427-453.	2.1	57
26	The distribution and evolutionary history of Wolbachia infection in native and introduced populations of the invasive argentine ant (<i>Linepithema humile</i>). <i>Molecular Ecology</i> , 2003, 12, 3057-3068.	3.9	57
27	Constraints on the use of lifespan-shortening Wolbachia to control dengue fever. <i>Journal of Theoretical Biology</i> , 2012, 297, 26-32.	1.7	52
28	Extraordinarily rapid life-history divergence between <i>Cryptasterina</i> sea star species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3914-3922.	2.6	45
29	Patterns of Mass Mortality among Rocky Shore Invertebrates across 100 km of Northeastern Pacific Coastline. <i>PLoS ONE</i> , 2015, 10, e0126280.	2.5	45
30	Trade-Offs, Geography, and Limits to Thermal Adaptation in a Tide Pool Copepod. <i>American Naturalist</i> , 2013, 181, 846-854.	2.1	43
31	Genetic Relatedness Influences Plant Biomass Accumulation in Eelgrass (<i>Zostera marina</i>). <i>American Naturalist</i> , 2013, 181, 715-724.	2.1	38
32	Reproductive Biology, Family Conflict, and Size of Offspring in Marine Invertebrates. <i>Integrative and Comparative Biology</i> , 2010, 50, 619-629.	2.0	37
33	Behind anemone lines: factors affecting division of labour in the social cnidarian <i>Anthopleura elegantissima</i> . <i>Animal Behaviour</i> , 2005, 70, 97-110.	1.9	34
34	Family conflicts in the sea. <i>Trends in Ecology and Evolution</i> , 2010, 25, 442-449.	8.7	34
35	Phylogeography of <i>Emerita analoga</i> (Crustacea, Decapoda, Hippidae), an eastern Pacific Ocean sand crab with long-lived pelagic larvae. <i>Journal of Biogeography</i> , 2011, 38, 1600-1612.	3.0	34
36	Phylogeography of the supralittoral isopod <i>Scutigera occidentalis</i> around the Point Conception marine biogeographical boundary. <i>Journal of Biogeography</i> , 2013, 40, 2361-2372.	3.0	33

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37	KIN INTERACTIONS IN A COLONIAL HYDROZOAN (<i>HYDRACTINIA SYMBIOLONGICARPUS</i>): POPULATION STRUCTURE ON A MOBILE LANDSCAPE. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 793-805.	2.3	27
38	Inbreeding shapes the evolution of marine invertebrates. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 871-882.	2.3	27
39	THE EVOLUTION OF SELECTIVE AGGRESSION CONDITIONED ON ALLORECOGNITION SPECIFICITY. <i>Evolution; International Journal of Organic Evolution</i> , 1989, 43, 504-515.	2.3	26
40	Effects of social organization on inter-clonal dominance relationships in the sea anemone. <i>Animal Behaviour</i> , 1996, 51, 1233-1245.	1.9	25
41	Connectivity in Marine Protected Areas. <i>Science</i> , 2006, 313, 43.3-45.	12.6	25
42	Post-glacial redistribution and shifts in productivity of giant kelp forests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 399-406.	2.6	23
43	Rarity and persistence. <i>Ecology Letters</i> , 2018, 21, 3-8.	6.4	23
44	Love the one you're with: proximity determines paternity success in the barnacle <i>Tetraclita rubescens</i> . <i>Molecular Ecology</i> , 2012, 21, 5088-5097.	3.9	21
45	Exclusive male care despite extreme female promiscuity and low paternity in a marine snail. <i>Ecology Letters</i> , 2012, 15, 1167-1173.	6.4	21
46	Multiple dimensions of intraspecific diversity affect biomass of eelgrass and its associated community. <i>Ecology</i> , 2017, 98, 3152-3164.	3.2	21
47	The Evolution of Allorecognition Specificity. , 1988, , 157-167.		20
48	Caterpillars did not evolve from onychophorans by hybridogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19906-19909.	7.1	19
49	Ontogenetic shifts in fusion/rejection thresholds in a colonial marine hydrozoan, <i>Hydractinia symbiolongicarpus</i> . <i>Behavioral Ecology and Sociobiology</i> , 2004, 57, 40-49.	1.4	18
50	Life history predicts past and present population connectivity in two sympatric sea stars. <i>Ecology and Evolution</i> , 2017, 7, 3916-3930.	1.9	17
51	Genetic distance predicts trait differentiation at the subpopulation but not the individual level in eelgrass, <i>Zostera marina</i> . <i>Ecology and Evolution</i> , 2018, 8, 7476-7489.	1.9	17
52	Kinship and the evolution of social behaviours in the sea. <i>Biology Letters</i> , 2013, 9, 20130454.	2.3	16
53	Writing an Effective Manuscript Review. <i>BioScience</i> , 1992, 42, 621-623.	4.9	14
54	Shallow gene pools in the high intertidal: extreme loss of genetic diversity in viviparous sea stars (<i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>)	2.3	12

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55	Gene Co-expression Modules Underlying Polymorphic and Monomorphic Zooids in the Colonial Hydrozoan, <i>Hydractinia symbiolongicarpus</i> . <i>Integrative and Comparative Biology</i> , 2014, 54, 276-283.	2.0	11
56	Kin Interactions in a Colonial Hydrozoan (<i>Hydractinia symbiolongicarpus</i>): Population Structure on a Mobile Landscape. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 793.	2.3	10
57	The scale of genetic differentiation in <i>Leptosynapta clarki</i> (Heding), an infaunal brooding holothuroid. <i>Journal of Experimental Marine Biology and Ecology</i> , 1988, 122, 187-194.	1.5	8
58	Multiscale patterns of genetic structure in a marine snail (<i>Solenosteira macrospira</i>) without pelagic dispersal. <i>Marine Biology</i> , 2014, 161, 1603-1614.	1.5	7
59	Impacts of worker density in colony-level aggression, expansion, and survival of the acacia ant <i>Crematogaster mimosae</i> . <i>Ecological Monographs</i> , 2017, 87, 246-259.	5.4	4
60	Iterated Ontogenies Reiterated - The Growth and Form of Modular Organisms. Proceedings of a Royal Society Discussion Meeting held on 27 and 28 June 1985. Organized and edited by J. L. Harper, F.R.S., B. R. Rosen, and J. White The Royal Society; London. 1986. First published in <i>Philosophical Transactions of the Royal Society of London, Series B</i> , 313:1-250. - <i>Modular Organisms. Case Studies of Growth and Form. Papers relating to a discussion on growth and form in modular organisms. Preface by J. L. Harper, F.</i> <i>Paleobiology</i> , 1989, 15, 67-73.	2.0	3
61	The sea as deathtrap: comment on a paper by miller and wiens. <i>Ecology Letters</i> , 2018, 21, 938-939.	6.4	3
62	Is There a Relationship between Multilocus Homozygosity and Dominance Rank in Sea Anemones? A Reply to Zeh and Zeh. <i>American Naturalist</i> , 1997, 149, 790-793.	2.1	1
63	Genetics and the origin of species: the continuing synthesis a symposium in honor of Richard G. Harrison. <i>Genetica</i> , 2011, 139, 535-539.	1.1	1
64	Reply from Grosberg and Levitan. <i>Trends in Ecology and Evolution</i> , 1992, 7, 392-393.	8.7	0
65	Why do males care for their competitor's offspring? A response to Székely et al.. <i>Animal Behaviour</i> , 2013, 86, e3-e5.	1.9	0