

Maria R Servedio

List of Publications by Year in descending order

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97
papers

6,224
citations

81743

39
h-index

76769

74
g-index

100
all docs

100
docs citations

100
times ranked

4623
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Reinforcement in Speciation: Theory and Data. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2003, 34, 339-364.	3.8	806
2	Magic traits in speciation: "magic" but not rare?. <i>Trends in Ecology and Evolution</i> , 2011, 26, 389-397.	4.2	521
3	The impact of learning on sexual selection and speciation. <i>Trends in Ecology and Evolution</i> , 2012, 27, 511-519.	4.2	307
4	Sex Chromosome-Linked Species Recognition and Evolution of Reproductive Isolation in Flycatchers. <i>Science</i> , 2007, 318, 95-97.	6.0	246
5	Species delimitation in systematics: inferring diagnostic differences between species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 631-636.	1.2	226
6	Not Just a Theory—The Utility of Mathematical Models in Evolutionary Biology. <i>PLoS Biology</i> , 2014, 12, e1002017.	2.6	179
7	The Role of Sexual Selection in Local Adaptation and Speciation. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2017, 48, 85-109.	3.8	175
8	THE EFFECTS OF GENE FLOW ON REINFORCEMENT. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1764-1772.	1.1	174
9	Mechanisms of Assortative Mating in Speciation with Gene Flow: Connecting Theory and Empirical Research. <i>American Naturalist</i> , 2018, 191, 1-20.	1.0	169
10	SONG LEARNING ACCELERATES ALLOPATRIC SPECIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 2049-2063.	1.1	158
11	The Reinforcement of Mating Preferences on an Island. <i>Genetics</i> , 1999, 151, 865-884.	1.2	151
12	POPULATION GENETIC MODELS OF MALE AND MUTUAL MATE CHOICE. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 674-685.	1.1	143
13	REINFORCEMENT AND THE GENETICS OF NONRANDOM MATING. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 21-29.	1.1	134
14	Frequency-Dependent Selection and the Evolution of Assortative Mating. <i>Genetics</i> , 2008, 179, 2091-2112.	1.2	133
15	The counterintuitive role of sexual selection in species maintenance and speciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8113-8118.	3.3	124
16	BEYOND REINFORCEMENT: THE EVOLUTION OF PREMATING ISOLATION BY DIRECT SELECTION ON PREFERENCES AND POSTMATING, PREZYGOTIC INCOMPATIBILITIES. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1909-1920.	1.1	121
17	THE EVOLUTION OF PREMATING ISOLATION: LOCAL ADAPTATION AND NATURAL AND SEXUAL SELECTION AGAINST HYBRIDS. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 913-924.	1.1	109
18	Reinforcement and learning. <i>Evolutionary Ecology</i> , 2009, 23, 109-123.	0.5	98

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19	FEMALE MATE-CHOICE BEHAVIOR AND SYMPATRIC SPECIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2097-2108.	1.1	96
20	Phylogenetic Analysis and Intraspecific Variation: Performance of Parsimony, Likelihood, and Distance Methods. <i>Systematic Biology</i> , 1998, 47, 228-253.	2.7	87
21	Speciation as a positive feedback loop between postzygotic and prezygotic barriers to gene flow. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1473-1479.	1.2	84
22	MALE VERSUS FEMALE MATE CHOICE: SEXUAL SELECTION AND THE EVOLUTION OF SPECIES RECOGNITION VIA REINFORCEMENT. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 2772-2789.	1.1	82
23	The Effects of Gene Flow on Reinforcement. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1764.	1.1	78
24	Accuracy of Phylogenetic Analysis Including and Excluding Polymorphic Characters. <i>Systematic Biology</i> , 1997, 46, 332-345.	2.7	77
25	THE EFFECTS OF PREDATOR LEARNING, FORGETTING, AND RECOGNITION ERRORS ON THE EVOLUTION OF WARNING COLORATION. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 751-763.	1.1	77
26	The role of linkage disequilibrium in the evolution of premating isolation. <i>Heredity</i> , 2009, 102, 51-56.	1.2	76
27	The What and Why of Research on Reinforcement. <i>PLoS Biology</i> , 2004, 2, e420.	2.6	73
28	MICROHABITAT VARIATION AND SEXUAL SELECTION CAN MAINTAIN MALE COLOR POLYMORPHISMS. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 2504-2515.	1.1	73
29	Searching for Sympatric Speciation in the Genomic Era. <i>BioEssays</i> , 2019, 41, e1900047.	1.2	61
30	To eject or to abandon? Life history traits of hosts and parasites interact to influence the fitness payoffs of alternative anti-parasite strategies. <i>Journal of Evolutionary Biology</i> , 2006, 19, 1585-1594.	0.8	56
31	Migration, local adaptation and the evolution of plasticity. <i>Trends in Ecology and Evolution</i> , 2002, 17, 540-541.	4.2	55
32	Imprinting sets the stage for speciation. <i>Nature</i> , 2019, 574, 99-102.	13.7	54
33	Geography, assortative mating, and the effects of sexual selection on speciation with gene flow. <i>Evolutionary Applications</i> , 2016, 9, 91-102.	1.5	53
34	The evolution of male mate choice and female ornamentation: a review of mathematical models. <i>Environmental Epigenetics</i> , 2018, 64, 323-333.	0.9	50
35	The Evolution of Mate Choice Copying by Indirect Selection. <i>American Naturalist</i> , 1996, 148, 848-867.	1.0	50
36	Limits to the evolution of assortative mating by female choice under restricted gene flow. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 179-187.	1.2	48

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37	EVOLUTION OF MATE-CHOICE IMPRINTING: COMPETING STRATEGIES. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 1991-2003.	1.1	44
38	The evolution of partial reproductive isolation as an adaptive optimum. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 4-14.	1.1	44
39	COEVOLUTION OF AN AVIAN HOST AND ITS PARASITIC CUCKOO. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1164-1175.	1.1	42
40	Hybridization may rarely promote speciation. <i>Journal of Evolutionary Biology</i> , 2013, 26, 282-285.	0.8	40
41	Population genetic models of male and mutual mate choice. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 674-85.	1.1	39
42	The evolution of conspecific gamete precedence and its effect on reinforcement. <i>Journal of Evolutionary Biology</i> , 2007, 20, 937-949.	0.8	34
43	CAN REINFORCEMENT OCCUR WITH A LEARNED TRAIT?. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1992-2003.	1.1	32
44	Sexual selection and magic traits in speciation with gene flow. <i>Environmental Epigenetics</i> , 2012, 58, 510-516.	0.9	30
45	Reproductive isolation with a learned trait in a structured population. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1938-1947.	1.1	30
46	Gentlemen Prefer Blondes: The Evolution of Mate Preference among Strategically Allocated Males. <i>American Naturalist</i> , 2009, 173, 12-25.	1.0	28
47	FEMALE PREFERENCE FOR MALE COURTSHIP EFFORT CAN DRIVE THE EVOLUTION OF MALE MATE CHOICE. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3722-3735.	1.1	28
48	SPERM COMPETITION AND THE EVOLUTION OF SEMINAL FLUID COMPOSITION. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 3008-3019.	1.1	26
49	Keystone Genes. <i>Trends in Ecology and Evolution</i> , 2018, 33, 689-700.	4.2	26
50	Chase-Away Sexual Selection: Resistance to "Resistance". <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 296.	1.1	25
51	EFFECTS ON POPULATION DIVERGENCE OF WITHIN-GENERATIONAL LEARNING ABOUT PROSPECTIVE MATES. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 2363-2375.	1.1	25
52	Evolution of displays within the pair bond. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20123020.	1.2	25
53	REINFORCEMENT AND THE GENETICS OF NONRANDOM MATING. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 21.	1.1	24
54	Sympatry affects the evolution of genetic versus cultural determination of song. <i>Behavioral Ecology</i> , 2008, 19, 596-604.	1.0	24

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55	Male mate choice, male quality, and the potential for sexual selection on female traits under polygyny. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 174-183.	1.1	24
56	Female mate-choice behavior and sympatric speciation. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2097-108.	1.1	24
57	BEYOND REINFORCEMENT: THE EVOLUTION OF PREMATING ISOLATION BY DIRECT SELECTION ON PREFERENCES AND POSTMATING, PREZYGOTIC INCOMPATIBILITIES. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1909.	1.1	23
58	DISSECTING SELECTION ON FEMALE MATING PREFERENCES DURING SECONDARY CONTACT. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2031-2046.	1.1	21
59	The Roles of Sexual and Viability Selection in the Evolution of Incomplete Reproductive Isolation: From Allopatry to Sympatry. <i>American Naturalist</i> , 2017, 190, 680-693.	1.0	21
60	The role of transgenerational epigenetic inheritance in diversification and speciation. <i>Non-Genetic Inheritance</i> , 2013, 1, .	0.8	20
61	The effects of sexual selection on trait divergence in a peripheral population with gene flow. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2648-2661.	1.1	20
62	Grey zones of sexual selection: why is finding a modern definition so hard?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191325.	1.2	20
63	CHASE-AWAY SEXUAL SELECTION: RESISTANCE TO "RESISTANCE". <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 296-299.	1.1	19
64	Evolution of sexual cooperation from sexual conflict. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23225-23231.	3.3	19
65	Same-sex sexual behaviour and selection for indiscriminate mating. <i>Nature Ecology and Evolution</i> , 2021, 5, 135-141.	3.4	19
66	The evolution of sexual imprinting through reinforcement*. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1336-1349.	1.1	14
67	Vocal Communications and the Maintenance of Population Specific Songs in a Contact Zone. <i>PLoS ONE</i> , 2012, 7, e35257.	1.1	14
68	Homage to Felsenstein 1981, or why are there so few/many species?. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 978-988.	1.1	13
69	SONG LEARNING ACCELERATES ALLOPATRIC SPECIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 2049.	1.1	12
70	POSTMATING-PREZYGOTIC ISOLATION IS NOT AN IMPORTANT SOURCE OF SELECTION FOR REINFORCEMENT WITHIN AND BETWEEN SPECIES IN DROSOPHILA PSEUDOOBSCURA AND D. PERSIMILIS. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1039-1045.	1.1	12
71	The Effects on Parapatric Divergence of Linkage between Preference and Trait Loci versus Pleiotropy. <i>Genes</i> , 2018, 9, 217.	1.0	11
72	Theory Meets Empiry: A Citation Network Analysis. <i>BioScience</i> , 2018, 68, 805-812.	2.2	11

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73	The evolution of postpairing male mate choice. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1465-1477.	1.1	10
74	Direct detection of male quality can facilitate the evolution of female choosiness and indicators of good genes: Evolution across a continuum of indicator mechanisms. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 770-784.	1.1	10
75	The effectiveness of pseudomagic traits in promoting divergence and enhancing local adaptation*. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 2438-2450.	1.1	10
76	The interpretation of selection coefficients. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1101-1112.	1.1	9
77	Female resistance to sexual coercion can evolve to preserve the indirect benefits of mate choice. <i>Journal of Evolutionary Biology</i> , 2019, 32, 545-558.	0.8	9
78	Speciation in peripheral populations: effects of drift load and mating systems. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1073-1090.	0.8	8
79	THE EFFECTS OF PREDATOR LEARNING, FORGETTING, AND RECOGNITION ERRORS ON THE EVOLUTION OF WARNING COLORATION. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 751.	1.1	7
80	The relationship between sexual selection and speciation. <i>Environmental Epigenetics</i> , 2012, 58, 413-415.	0.9	7
81	The evolution of flower longevity in unpredictable pollination environments. <i>Journal of Evolutionary Biology</i> , 2021, 34, 1781-1792.	0.8	7
82	Advances on the interplay of learning and sexual selection. <i>Environmental Epigenetics</i> , 2015, 61, 1004-1007.	0.9	6
83	Evolution of a mating preference for a dual-utility trait used in intrasexual competition in genetically monogamous populations. <i>Ecology and Evolution</i> , 2017, 7, 8008-8016.	0.8	6
84	THE EVOLUTION OF PREMATING ISOLATION: LOCAL ADAPTATION AND NATURAL AND SEXUAL SELECTION AGAINST HYBRIDS. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 913.	1.1	5
85	FEMALE MATE-CHOICE BEHAVIOR AND SYMPATRIC SPECIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2097.	1.1	4
86	The evolution of preference strength under sensory bias: a role for indirect selection?. <i>Ecology and Evolution</i> , 2012, 2, 1572-1583.	0.8	4
87	Stochasticity in Sexual Selection Enables Divergence: Implications for Moth Pheromone Evolution. <i>Evolutionary Biology</i> , 2012, 39, 271-281.	0.5	4
88	The impact of learned mating traits on speciation is not yet clear: response to Kawecki. <i>Trends in Ecology and Evolution</i> , 2013, 28, 69-70.	4.2	4
89	The ecological stage maintains preference differentiation and promotes speciation. <i>Ecology Letters</i> , 2022, 25, 926-938.	3.0	4
90	Magic traits, pleiotropy and effect sizes: a response to Haller et al.. <i>Trends in Ecology and Evolution</i> , 2012, 27, 5-6.	4.2	3

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91	The multiple components of mate choice: a comment on Edward and Dougherty & Shuker. Behavioral Ecology, 2015, 26, 321-322.	1.0	3
92	Nonadaptive female pursuit of extrapair copulations can evolve through hitchhiking. Ecology and Evolution, 2018, 8, 3685-3692.	0.8	3
93	Novelty makes the heart grow fonder. Nature, 2013, 503, 44-45.	13.7	2
94	COEVOLUTION OF AN AVIAN HOST AND ITS PARASITIC CUCKOO. Evolution; International Journal of Organic Evolution, 2003, 57, 1164.	1.1	1
95	POPULATION GENETIC MODELS OF MALE AND MUTUAL MATE CHOICE. Evolution; International Journal of Organic Evolution, 2006, 60, 674.	1.1	1
96	Isolating Mechanisms and Speciation. , 2019, , 56-61.		0
97	The evolution of age-specific choosiness and reproductive isolation in a model with overlapping generations. Evolution; International Journal of Organic Evolution, 2021, , .	1.1	0