Maria R Servedio

List of Publications by Year
in descending order

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 ecological stage maintains preference differentiation and promotes speciation. Ecology Letters, 2022, 25, 926-938.	3.0	4
2	Same-sex sexual behaviour and selection for indiscriminate mating. Nature Ecology and Evolution, 2021, 5, 135-141.	3.4	19
3	Homage to Felsenstein 1981, or why are there so few/many species?. Evolution; International Journal of Organic Evolution, 2021, 75, 978-988.	1.1	13
4	The evolution of flower longevity in unpredictable pollination environments. Journal of Evolutionary Biology, 2021, 34, 1781-1792.	0.8	7
5	The evolution of ageâ€specific choosiness and reproductive isolation in a model with overlapping generations. Evolution; International Journal of Organic Evolution, 2021, , .	1.1	0
6	The evolution of partial reproductive isolation as an adaptive optimum. Evolution; International Journal of Organic Evolution, 2020, 74, 4-14.	1.1	44
7	The effectiveness of pseudomagic traits in promoting divergence and enhancing local adaptation*. Evolution; International Journal of Organic Evolution, 2020, 74, 2438-2450.	1.1	10
8	Evolution of sexual cooperation from sexual conflict. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23225-23231.	3.3	19
9	Grey zones of sexual selection: why is finding a modern definition so hard?. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191325.	1.2	20
10	Imprinting sets the stage for speciation. Nature, 2019, 574, 99-102.	13.7	54
11	Searching for Sympatric Speciation in the Genomic Era. BioEssays, 2019, 41, e1900047.	1.2	61
12	Female resistance to sexual coercion can evolve to preserve the indirect benefits of mate choice. Journal of Evolutionary Biology, 2019, 32, 545-558.	0.8	9
13	Isolating Mechanisms and Speciation. , 2019, , 56-61.		0
14	The evolution of male mate choice and female ornamentation: a review of mathematical models. Environmental Epigenetics, 2018, 64, 323-333.	0.9	50
15	Nonadaptive female pursuit of extrapair copulations can evolve through hitchhiking. Ecology and Evolution, 2018, 8, 3685-3692.	0.8	3
16	Direct detection of male quality can facilitate the evolution of female choosiness and indicators of good genes: Evolution across a continuum of indicator mechanisms. Evolution; International Journal of Organic Evolution, 2018, 72, 770-784.	1.1	10
17	Mechanisms of Assortative Mating in Speciation with Gene Flow: Connecting Theory and Empirical Research. American Naturalist, 2018, 191, 1-20.	1.0	169
18	The Effects on Parapatric Divergence of Linkage between Preference and Trait Loci versus Pleiotropy. Genes, 2018, 9, 217.	1.0	11

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19	The evolution of sexual imprinting through reinforcement*. Evolution; International Journal of Organic Evolution, 2018, 72, 1336-1349.	1.1	14
20	Theory Meets Empiry: A Citation Network Analysis. BioScience, 2018, 68, 805-812.	2.2	11
21	Keystone Genes. Trends in Ecology and Evolution, 2018, 33, 689-700.	4.2	26
22	The evolution of postpairing male mate choice. Evolution; International Journal of Organic Evolution, 2017, 71, 1465-1477.	1.1	10
23	Evolution of a mating preference for a dualâ€utility trait used in intrasexual competition in genetically monogamous populations. Ecology and Evolution, 2017, 7, 8008-8016.	0.8	6
24	The Roles of Sexual and Viability Selection in the Evolution of Incomplete Reproductive Isolation: From Allopatry to Sympatry. American Naturalist, 2017, 190, 680-693.	1.0	21
25	The Role of Sexual Selection in Local Adaptation and Speciation. Annual Review of Ecology, Evolution, and Systematics, 2017, 48, 85-109.	3.8	175
26	Male mate choice, male quality, and the potential for sexual selection on female traits under polygyny. Evolution; International Journal of Organic Evolution, 2017, 71, 174-183.	1.1	24
27	Speciation in peripheral populations: effects of drift load and mating systems. Journal of Evolutionary Biology, 2016, 29, 1073-1090.	0.8	8
28	Geography, assortative mating, and the effects of sexual selection on speciation with gene flow. Evolutionary Applications, 2016, 9, 91-102.	1.5	53
29	The effects of sexual selection on trait divergence in a peripheral population with gene flow. Evolution; International Journal of Organic Evolution, 2015, 69, 2648-2661.	1.1	20
30	Reproductive isolation with a learned trait in a structured population. Evolution; International Journal of Organic Evolution, 2015, 69, 1938-1947.	1.1	30
31	The interpretation of selection coefficients. Evolution; International Journal of Organic Evolution, 2015, 69, 1101-1112.	1.1	9
32	Advances on the interplay of learning and sexual selection. Environmental Epigenetics, 2015, 61, 1004-1007.	0.9	6
33	The multiple components of mate choice: a comment on Edward and Dougherty & Shuker. Behavioral Ecology, 2015, 26, 321-322.	1.0	3
34	Not Just a Theoryâ€"The Utility of Mathematical Models in Evolutionary Biology. PLoS Biology, 2014, 12, e1002017.	2.6	179
35	The counterintuitive role of sexual selection in species maintenance and speciation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8113-8118.	3.3	124
36	SPERM COMPETITION AND THE EVOLUTION OF SEMINAL FLUID COMPOSITION. Evolution; International Journal of Organic Evolution, 2014, 68, 3008-3019.	1.1	26

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37	EFFECTS ON POPULATION DIVERGENCE OF WITHIN-GENERATIONAL LEARNING ABOUT PROSPECTIVE MATES. Evolution; International Journal of Organic Evolution, 2013, 67, 2363-2375.	1.1	25
38	Novelty makes the heart grow fonder. Nature, 2013, 503, 44-45.	13.7	2
39	The role of transgenerational epigenetic inheritance in diversification and speciation. Non-Genetic Inheritance, 2013, 1, .	0.8	20
40	The impact of learned mating traits on speciation is not yet clear: response to Kawecki. Trends in Ecology and Evolution, 2013, 28, 69-70.	4.2	4
41	Hybridization may rarely promote speciation. Journal of Evolutionary Biology, 2013, 26, 282-285.	0.8	40
42	Evolution of displays within the pair bond. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20123020.	1.2	25
43	Sexual selection and magic traits in speciation with gene flow. Environmental Epigenetics, 2012, 58, 510-516.	0.9	30
44	The relationship between sexual selection and speciation. Environmental Epigenetics, 2012, 58, 413-415.	0.9	7
45	Magic traits, pleiotropy and effect sizes: a response to Haller et al.. Trends in Ecology and Evolution, 2012, 27, 5-6.	4.2	3
46	The impact of learning on sexual selection and speciation. Trends in Ecology and Evolution, 2012, 27, 511-519.	4.2	307
47	The evolution of preference strength under sensory bias: a role for indirect selection?. Ecology and Evolution, 2012, 2, 1572-1583.	0.8	4
48	Stochasticity in Sexual Selection Enables Divergence: Implications for Moth Pheromone Evolution. Evolutionary Biology, 2012, 39, 271-281.	0.5	4
49	FEMALE PREFERENCE FOR MALE COURTSHIP EFFORT CAN DRIVE THE EVOLUTION OF MALE MATE CHOICE. Evolution; International Journal of Organic Evolution, 2012, 66, 3722-3735.	1.1	28
50	Vocal Communications and the Maintenance of Population Specific Songs in a Contact Zone. PLoS ONE, 2012, 7, e35257.	1.1	14
51	Magic traits in speciation: â€˜magicâ€™ but not rare?. Trends in Ecology and Evolution, 2011, 26, 389-397.	4.2	521
52	CAN REINFORCEMENT OCCUR WITH A LEARNED TRAIT?. Evolution; International Journal of Organic Evolution, 2011, 65, 1992-2003.	1.1	32
53	Limits to the evolution of assortative mating by female choice under restricted gene flow. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 179-187.	1.2	48
54	Gentlemen Prefer Blondes: The Evolution of Mate Preference among Strategically Allocated Males. American Naturalist, 2009, 173, 12-25.	1.0	28

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55	Reinforcement and learning. Evolutionary Ecology, 2009, 23, 109-123.	0.5	98
56	The role of linkage disequilibrium in the evolution of premating isolation. Heredity, 2009, 102, 51-56.	1.2	76
57	DISSECTING SELECTION ON FEMALE MATING PREFERENCES DURING SECONDARY CONTACT. Evolution; International Journal of Organic Evolution, 2009, 63, 2031-2046.	1.1	21
58	EVOLUTION OF MATE-CHOICE IMPRINTING: COMPETING STRATEGIES. Evolution; International Journal of Organic Evolution, 2008, 62, 1991-2003.	1.1	44
59	Sympatry affects the evolution of genetic versus cultural determination of song. Behavioral Ecology, 2008, 19, 596-604.	1.0	24
60	Frequency-Dependent Selection and the Evolution of Assortative Mating. Genetics, 2008, 179, 2091-2112.	1.2	133
61	Sex Chromosome-Linked Species Recognition and Evolution of Reproductive Isolation in Flycatchers. Science, 2007, 318, 95-97.	6.0	246
62	MALE VERSUS FEMALE MATE CHOICE: SEXUAL SELECTION AND THE EVOLUTION OF SPECIES RECOGNITION VIA REINFORCEMENT. Evolution; International Journal of Organic Evolution, 2007, 61, 2772-2789.	1.1	82
63	The evolution of conspecific gamete precedence and its effect on reinforcement. Journal of Evolutionary Biology, 2007, 20, 937-949.	0.8	34
64	MICROHABITAT VARIATION AND SEXUAL SELECTION CAN MAINTAIN MALE COLOR POLYMORPHISMS. Evolution; International Journal of Organic Evolution, 2007, 61, 2504-2515.	1.1	73
65	POPULATION GENETIC MODELS OF MALE AND MUTUAL MATE CHOICE. Evolution; International Journal of Organic Evolution, 2006, 60, 674-685.	1.1	143
66	To eject or to abandon? Life history traits of hosts and parasites interact to influence the fitness payoffs of alternative anti-parasite strategies. Journal of Evolutionary Biology, 2006, 19, 1585-1594.	0.8	56
67	POPULATION GENETIC MODELS OF MALE AND MUTUAL MATE CHOICE. Evolution; International Journal of Organic Evolution, 2006, 60, 674.	1.1	1
68	Population genetic models of male and mutual mate choice. Evolution; International Journal of Organic Evolution, 2006, 60, 674-85.	1.1	39
69	FEMALE MATE-CHOICE BEHAVIOR AND SYMPATRIC SPECIATION. Evolution; International Journal of Organic Evolution, 2005, 59, 2097-2108.	1.1	96
70	POSTMATING-PREZYGOTIC ISOLATION IS NOT AN IMPORTANT SOURCE OF SELECTION FOR REINFORCEMENT WITHIN AND BETWEEN SPECIES IN DROSOPHILA PSEUDOOBSCURA AND D. PERSIMILIS. Evolution; International Journal of Organic Evolution, 2005, 59, 1039-1045.	1.1	12
71	FEMALE MATE-CHOICE BEHAVIOR AND SYMPATRIC SPECIATION. Evolution; International Journal of Organic Evolution, 2005, 59, 2097.	1.1	4
72	Female mate-choice behavior and sympatric speciation. Evolution; International Journal of Organic Evolution, 2005, 59, 2097-108.	1.1	24

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73	THE EVOLUTION OF PREMATING ISOLATION: LOCAL ADAPTATION AND NATURAL AND SEXUAL SELECTION AGAINST HYBRIDS. Evolution; International Journal of Organic Evolution, 2004, 58, 913.	1.1	5
74	SONG LEARNING ACCELERATES ALLOPATRIC SPECIATION. Evolution; International Journal of Organic Evolution, 2004, 58, 2049.	1.1	12
75	The What and Why of Research on Reinforcement. PLoS Biology, 2004, 2, e420.	2.6	73
76	THE EVOLUTION OF PREMATING ISOLATION: LOCAL ADAPTATION AND NATURAL AND SEXUAL SELECTION AGAINST HYBRIDS. Evolution; International Journal of Organic Evolution, 2004, 58, 913-924.	1.1	109
77	SONG LEARNING ACCELERATES ALLOPATRIC SPECIATION. Evolution; International Journal of Organic Evolution, 2004, 58, 2049-2063.	1.1	158
78	COEVOLUTION OF AN AVIAN HOST AND ITS PARASITIC CUCKOO. Evolution; International Journal of Organic Evolution, 2003, 57, 1164-1175.	1.1	42
79	Speciation as a positive feedback loop between postzygotic and prezygotic barriers to gene flow. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1473-1479.	1.2	84
80	COEVOLUTION OF AN AVIAN HOST AND ITS PARASITIC CUCKOO. Evolution; International Journal of Organic Evolution, 2003, 57, 1164.	1.1	1
81	The Role of Reinforcement in Speciation: Theory and Data. Annual Review of Ecology, Evolution, and Systematics, 2003, 34, 339-364.	3.8	806
82	Migration, local adaptation and the evolution of plasticity. Trends in Ecology and Evolution, 2002, 17, 540-541.	4.2	55
83	BEYOND REINFORCEMENT: THE EVOLUTION OF PREMATING ISOLATION BY DIRECT SELECTION ON PREFERENCES AND POSTMATING, PREZYGOTIC INCOMPATIBILITIES. Evolution; International Journal of Organic Evolution, 2001, 55, 1909-1920.	1.1	121
84	BEYOND REINFORCEMENT: THE EVOLUTION OF PREMATING ISOLATION BY DIRECT SELECTION ON PREFERENCES AND POSTMATING, PREZYGOTIC INCOMPATIBILITIES. Evolution; International Journal of Organic Evolution, 2001, 55, 1909.	1.1	23
85	REINFORCEMENT AND THE GENETICS OF NONRANDOM MATING. Evolution; International Journal of Organic Evolution, 2000, 54, 21-29.	1.1	134
86	THE EFFECTS OF PREDATOR LEARNING, FORGETTING, AND RECOGNITION ERRORS ON THE EVOLUTION OF WARNING COLORATION. Evolution; International Journal of Organic Evolution, 2000, 54, 751-763.	1.1	77
87	THE EFFECTS OF PREDATOR LEARNING, FORGETTING, AND RECOGNITION ERRORS ON THE EVOLUTION OF WARNING COLORATION. Evolution; International Journal of Organic Evolution, 2000, 54, 751.	1.1	7
88	REINFORCEMENT AND THE GENETICS OF NONRANDOM MATING. Evolution; International Journal of Organic Evolution, 2000, 54, 21.	1.1	24
89	Species delimitation in systematics: inferring diagnostic differences between species. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 631-636.	1.2	226
90	Chase-Away Sexual Selection: Resistance to "Resistance". Evolution; International Journal of Organic Evolution, 1999, 53, 296.	1.1	25

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91	CHASE-AWAY SEXUAL SELECTION: RESISTANCE TO â€œRESISTANCEâ€• Evolution; International Journal of Organic Evolution, 1999, 53, 296-299.	1.1	19
92	The Reinforcement of Mating Preferences on an Island. Genetics, 1999, 151, 865-884.	1.2	151
93	Phylogenetic Analysis and Intraspecific Variation: Performance of Parsimony, Likelihood, and Distance Methods. Systematic Biology, 1998, 47, 228-253.	2.7	87
94	Accuracy of Phylogenetic Analysis Including and Excluding Polymorphic Characters. Systematic Biology, 1997, 46, 332-345.	2.7	77
95	THE EFFECTS OF GENE FLOW ON REINFORCEMENT. Evolution; International Journal of Organic Evolution, 1997, 51, 1764-1772.	1.1	174
96	The Effects of Gene Flow on Reinforcement. Evolution; International Journal of Organic Evolution, 1997, 51, 1764.	1.1	78
97	The Evolution of Mate Choice Copying by Indirect Selection. American Naturalist, 1996, 148, 848-867.	1.0	50