Marion Petrie

List of Publications by Year
in descending order

60 papers	9,000 citations	71061 41 h-index	138417 58 g-index
62 all docs	62 docs citations	62 times ranked	5418 citing authors

#	Article	IF	Citations
1	Why do females mate multiply? A review of the genetic benefits. Biological Reviews, 2000, 75, 21-64.	4.7	1,553
2	VARIATION IN MATE CHOICE AND MATING PREFERENCES: A REVIEW OF CAUSES AND CONSEQUENCES. Biological Reviews, 1997, 72, 283-327.	4.7	1,123
3	Extra-pair paternity in birds: explaining variation between species and populations. Trends in Ecology and Evolution, 1998, 13, 52-58.	4.2	627
4	Improved growth and survival of offspring of peacocks with more elaborate trains. Nature, 1994, 371, 598-599.	13.7	429
5	Peahens prefer peacocks with elaborate trains. Animal Behaviour, 1991, 41, 323-331.	0.8	399
6	Sexually Selected Traits and Adult Survival: A Meta-Analysis. Quarterly Review of Biology, 2001, 76, 3-36.	0.0	336
7	Female facial attractiveness increases during the fertile phase of the menstrual cycle. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S270-2.	1.2	202
8	VARIATION IN MATE CHOICE AND MATING PREFERENCES: A REVIEW OF CAUSES AND CONSEQUENCES. Biological Reviews, 1997, 72, 283-327.	4.7	198
9	Potential mechanisms of avian sex manipulation. Biological Reviews, 2003, 78, 553-574.	4.7	194
10	Female Moorhens Compete for Small Fat Males. Science, 1983, 220, 413-415.	6.0	191
11	Peacocks lek with relatives even in the absence of social and environmental cues. Nature, 1999, 401, 155-157.	13.7	189
12	Laying eggs in others' nests: Intraspecific brood parasitism in birds. Trends in Ecology and Evolution, 1991, 6, 315-320.	4.2	187
13	Why do females copulate repeatedly with one male?. Trends in Ecology and Evolution, 1993, 8, 21-26.	4.2	187
14	The degree of extra-pair paternity increases with genetic variability. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 9390-9395.	3.3	179
15	Why do females mate multiply? A review of the genetic benefits. Biological Reviews, 2000, 75, 21-64.	4.7	167
16	MHC-heterozygosity and human facial attractiveness. Evolution and Human Behavior, 2005, 26, 213-226.	1.4	163
17	MHC-correlated odour preferences in humans and the use of oral contraceptives. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 2715-2722.	1.2	158
18	Kin recognition signals in adult faces. Vision Research, 2009, 49, 38-43.	0.7	153

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19	Are all secondary sexual display structures positively allometric and, if so, why?. Animal Behaviour, 1992, 43, 173-175.	0.8	149
20	Sex differences in avian yolk hormone levels. Nature, 2001, 412, 498-498.	13.7	140
21	Intraspecific variation in structures that display competitive ability: large animals invest relatively more. Animal Behaviour, 1988, 36, 1174-1179.	0.8	139
22	Peahens lay more eggs for peacocks with larger trains. Proceedings of the Royal Society B: Biological Sciences, 1993, 251, 127-131.	1.2	136
23	Experimental and natural changes in the peacock's (Pavo cristatus) train can affect mating success. Behavioral Ecology and Sociobiology, 1994, 35, 213-217.	0.6	131
24	Lekking in topi: a consequence of satellite behaviour by small males at hotspots. Animal Behaviour, 1990, 40, 272-287.	0.8	124
25	Condition dependence, multiple sexual signals, and immunocompetence in peacocks. Behavioral Ecology, 2002, 13, 248-253.	1.0	119
26	Experimental evidence that corticosterone affects offspring sex ratios in quail. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1093-1098.	1.2	110
27	Territory size in the moorhen (Gallinula chloropus): An outcome of RHP asymmetry between neighbours. Animal Behaviour, 1984, 32, 861-870.	0.8	101
28	Multiple mating in a lekking bird: why do peahens mate with more than one male and with the same male more than once?. Behavioral Ecology and Sociobiology, 1992, 31, 349.	0.6	93
29	Body Odor Similarity in Noncohabiting Twins. Chemical Senses, 2005, 30, 651-656.	1.1	86
30	MHC-assortative facial preferences in humans. Biology Letters, 2005, 1, 400-403.	1.0	75
31	Copulation frequency in birds: why do females copulate more than once with the same male?. Animal Behaviour, 1992, 44, 790-792.	0.8	72
32	Avian polygyny is most likely in populations with high variability in heritable male fitness. Proceedings of the Royal Society B: Biological Sciences, 1994, 256, 275-280.	1.2	70
33	Oral contraceptive use in women changes preferences for male facial masculinity and is associated with partner facial masculinity. Psychoneuroendocrinology, 2013, 38, 1777-1785.	1.3	70
34	Peacocks with low mating success are more likely to suffer predation. Animal Behaviour, 1992, 44, 585-586.	0.8	66
35	Maternal body condition and plasma hormones affect offspring sex ratio in peafowl. Animal Behaviour, 2005, 70, 745-751.	0.8	60
36	Offspring sex ratio is related to paternal train elaboration and yolk corticosterone in peafowl. Biology Letters, 2005, 1, 204-207.	1.0	59

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37	Murine scent mark microbial communities are genetically determined. FEMS Microbiology Ecology, 2007, 59, 576-583.	1.3	52
38	Do peahens not prefer peacocks with more elaborate trains?. Animal Behaviour, 2008, 76, e5-e9.	0.8	52
39	Relationship satisfaction and outcome in women who meet their partner while using oral contraception. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1430-1436.	1.2	48
40	Is the peacockâ€™s train an honest signal of genetic quality at the major histocompatibility complex?. Journal of Evolutionary Biology, 2009, 22, 1284-1294.	0.8	45
41	Correlations between heterozygosity and measures of genetic similarity: implications for understanding mate choice. Journal of Evolutionary Biology, 2006, 19, 558-569.	0.8	42
42	Volatile biomarkers of Pseudomonas aeruginosa in cystic fibrosis and noncystic fibrosis bronchiectasis. Letters in Applied Microbiology, 2011, 52, 610-613.	1.0	42
43	Partner Choice, Relationship Satisfaction, and Oral Contraception. Psychological Science, 2014, 25, 1497-1503.	1.8	42
44	Sexual selection and the evolution of evolvability. Heredity, 2007, 98, 198-205.	1.2	39
45	Intraspecific Variation in Courtship and Copulation Frequency: an Effect of Mismatch in Partner Attractiveness?. Behaviour, 1993, 127, 265-277.	0.4	30
46	Ejaculate features and sperm utilization in peafowl Pavo cristatus. Proceedings of the Royal Society B: Biological Sciences, 1995, 261, 153-158.	1.2	28
47	Individual Variation in 3-Methylbutanal: A Putative Link between Human Leukocyte Antigen and Skin Microflora. Journal of Chemical Ecology, 2008, 34, 1253-1257.	0.9	21
48	Variation in the train morphology of peacocks (Pavo cristatus). Journal of Zoology, 1996, 238, 365-371.	0.8	19
49	Moorhens have an internal representation of their own eggs. Die Naturwissenschaften, 2009, 96, 405-407.	0.6	19
50	Do peacock's trains advertise age?. Journal of Evolutionary Biology, 1993, 6, 443-448.	0.8	16
51	Prenatal sex selection and female infant mortality are more common in India after firstborn and second-born daughters. Journal of Epidemiology and Community Health, 2017, 71, 269-274.	2.0	13
52	Variation in the peacockâ€™s train shows a genetic component. Genetica, 2009, 135, 7-11.	0.5	12
53	Experimental and natural changes in the peacock's (Pavo cristatus) train can affect mating success. Behavioral Ecology and Sociobiology, 1994, 35, 213-217.	0.6	12
54	Evolution by Sexual Selection. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	10

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55	Distribution of Chewing Lice upon the Polygynous Peacock Pavo cristatus. Journal of Parasitology, 1996, 82, 370.	0.3	9
56	Repeatability of odour preferences across time. Flavour and Fragrance Journal, 2013, 28, 245-250.	1.2	8
57	Discrimination of Attractiveness and Health in Menâ€™s Faces: the Impact of Color Cues and Variation in Relation to Sex and Age of Rater. Adaptive Human Behavior and Physiology, 2017, 3, 401-411.	0.6	4
58	Extra-pair paternity in birds: `good-genes' and something else: Reply from M. Petrie and B. Kempenaers. Trends in Ecology and Evolution, 1998, 13, 280-281.	4.2	1
59	Profile: Mating systems and genetic variation. , 0, , 302-305.		0
60	Commentary: Mating Preferences of Selfish Sex Chromosomes. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	0