

# Martha K Mcclintock

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

7,571  
citations

53794

45  
h-index

54911

84  
g-index

103  
all docs

103  
docs citations

103  
times ranked

5967  
citing authors

#	ARTICLE	IF	CITATIONS
1	Menstrual Synchrony and Suppression. <i>Nature</i> , 1971, 229, 244-245.	27.8	709
2	Regulation of ovulation by human pheromones. <i>Nature</i> , 1998, 392, 177-179.	27.8	505
3	Paternally inherited HLA alleles are associated with women's choice of male odor. <i>Nature Genetics</i> , 2002, 30, 175-179.	21.4	411
4	Lonely traits and concomitant physiological processes: the MacArthur social neuroscience studies. <i>International Journal of Psychophysiology</i> , 2000, 35, 143-154.	1.0	372
5	Olfactory Dysfunction Predicts 5-Year Mortality in Older Adults. <i>PLoS ONE</i> , 2014, 9, e107541.	2.5	266
6	Rethinking Puberty. <i>Current Directions in Psychological Science</i> , 1996, 5, 178-183.	5.3	219
7	The Role of the Female During Copulation in Wild and Domestic Norway Rats ( <i>Rattus Norvegicus</i> ). <i>Behaviour</i> , 1978, 67, 67-95.	0.8	217
8	Psychological State and Mood Effects of Steroidal Chemosignals in Women and Men. <i>Hormones and Behavior</i> , 2000, 37, 57-78.	2.1	187
9	Social isolation dysregulates endocrine and behavioral stress while increasing malignant burden of spontaneous mammary tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22393-22398.	7.1	169
10	Sleep duration and all-cause mortality: a critical review of measurement and associations. <i>Annals of Epidemiology</i> , 2013, 23, 361-370.	1.9	167
11	Group mating among Norway rats II. The social dynamics of copulation: Competition, cooperation, and mate choice. <i>Animal Behaviour</i> , 1982, 30, 410-425.	1.9	163
12	Social Isolation and Adult Mortality. <i>Journal of Health and Social Behavior</i> , 2013, 54, 183-203.	4.8	159
13	Reproductive Senescence in Female Rats: A Longitudinal Study of Individual Differences in Estrous Cycles and Behavior1. <i>Biology of Reproduction</i> , 1988, 38, 780-789.	2.7	149
14	Women's sexual experience during the menstrual cycle: Identification of the sexual phase by noninvasive measurement of luteinizing hormone. <i>Journal of Sex Research</i> , 2004, 41, 82-93.	2.5	144
15	Context-dependent effects of steroid chemosignals on human physiology and mood. <i>Physiology and Behavior</i> , 2001, 74, 15-27.	2.1	134
16	Social Control of the Ovarian Cycle and the Function of Estrous Synchrony. <i>American Zoologist</i> , 1981, 21, 243-256.	0.7	127
17	Peripheral tumors induce depressive-like behaviors and cytokine production and alter hypothalamic-pituitary-adrenal axis regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9069-9074.	7.1	120
18	Empirical redefinition of comprehensive health and well-being in the older adults of the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3071-80.	7.1	108

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19	Group mating among Norway rats I. Sex differences in the pattern and neuroendocrine consequences of copulation. <i>Animal Behaviour</i> , 1982, 30, 398-409.	1.9	107
20	Global Sensory Impairment in Older Adults in the United States. <i>Journal of the American Geriatrics Society</i> , 2016, 64, 306-313.	2.6	101
21	A Model of Gene-Environment Interaction Reveals Altered Mammary Gland Gene Expression and Increased Tumor Growth following Social Isolation. <i>Cancer Prevention Research</i> , 2009, 2, 850-861.	1.5	100
22	Sustained human chemosignal unconsciously alters brain function. <i>NeuroReport</i> , 2001, 12, 2391-2394.	1.2	96
23	Group Mating in the Domestic Rat as a Context for Sexual Selection: Consequences for the Analysis of Sexual Behavior and Neuroendocrine Responses. <i>Advances in the Study of Behavior</i> , 1984, , 1-50.	1.6	95
24	Putative human pheromone androstadienone attunes the mind specifically to emotional information. <i>Hormones and Behavior</i> , 2009, 55, 548-559.	2.1	93
25	Comorbidity and Chronic Conditions in the National Social Life, Health and Aging Project (NSHAP), Wave 2. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, S154-S165.	3.9	86
26	Location and Gross Morphology of the Nasopalatine Duct in Human Adults. <i>JAMA Otolaryngology</i> , 2000, 126, 741.	1.2	78
27	Pheromonal Regulation of the Ovarian Cycle: Enhancement, Suppression, and Synchrony. , 1983, , 113-149.		78
28	Social isolation and the inflammatory response: sex differences in the enduring effects of a prior stressor. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 290, R273-R282.	1.8	77
29	Racial Disparities in Olfactory Loss Among Older Adults in the United States. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69A, 323-329.	3.6	76
30	Mammary Cancer and Social Interactions: Identifying Multiple Environments That Regulate Gene Expression Throughout the Life Span. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2005, 60, 32-41.	3.9	74
31	Psychological Effects of Musky Compounds: Comparison of Androstadienone with Androstenol and Muscone. <i>Hormones and Behavior</i> , 2002, 42, 274-283.	2.1	72
32	Reciprocal Affiliation Among Adolescent Rats During a Mild Group Stressor Predicts Mammary Tumors and Lifespan. <i>Psychosomatic Medicine</i> , 2008, 70, 1050-1059.	2.0	71
33	Using and Interpreting Mental Health Measures in the National Social Life, Health, and Aging Project. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, S99-S116.	3.9	67
34	Inter-litter competition and communal nursing among Norway rats: advantages of birth synchrony. <i>Behavioral Ecology and Sociobiology</i> , 1990, 27, 183.	1.4	64
35	A coupled-oscillator model of ovarian-cycle synchrony among female rats. <i>Journal of Theoretical Biology</i> , 1992, 157, 317-362.	1.7	63
36	Olfactory Dysfunction Predicts Subsequent Dementia in Older U.S. Adults. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 140-144.	2.6	63

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37	Effects of reproductive state on olfactory sensitivity suggest odor specificity. <i>Biological Psychology</i> , 2006, 71, 244-247.	2.2	60
38	Measuring Cognition: The Chicago Cognitive Function Measure in the National Social Life, Health and Aging Project, Wave 2. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, S166-S176.	3.9	56
39	Marital Conflict in Older Couples: Positivity, Personality, and Health. <i>Journal of Marriage and Family</i> , 2014, 76, 130-144.	2.6	56
40	Chronic Social Isolation Is Associated with Metabolic Gene Expression Changes Specific to Mammary Adipose Tissue. <i>Cancer Prevention Research</i> , 2013, 6, 634-645.	1.5	54
41	The Rate of Age-Related Olfactory Decline Among the General Population of Older U.S. Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1435-1441.	3.6	53
42	Evaluation of a Brief Survey Instrument for Assessing Subtle Differences in Cognitive Function Among Older Adults. <i>Alzheimer Disease and Associated Disorders</i> , 2015, 29, 317-324.	1.3	52
43	Infant temperament predicts life span in female rats that develop spontaneous tumors. <i>Hormones and Behavior</i> , 2006, 50, 454-462.	2.1	51
44	Olfactory Function in Wave 2 of the National Social Life, Health, and Aging Project. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, S134-S143.	3.9	51
45	Relation between 22-kHz ultrasonic signals and sociosexual behavior in rats.. <i>Journal of Comparative and Physiological Psychology</i> , 1978, 92, 821-829.	1.8	49
46	Factors Associated with Inaccurate Self-Reporting of Olfactory Dysfunction in Older US Adults. <i>Chemical Senses</i> , 2017, 42, bjw108.	2.0	49
47	Geriatric Syndromes and Functional Status in NSHAP: Rationale, Measurement, and Preliminary Findings. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, S177-S190.	3.9	45
48	Prevalence of Bacterial Vaginosis and Candida among Postmenopausal Women in the United States. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, S205-S214.	3.9	45
49	Sexuality in Older Couples: Individual and Dyadic Characteristics. <i>Archives of Sexual Behavior</i> , 2017, 46, 605-618.	1.9	43
50	Chronic stress accelerates ultraviolet-induced cutaneous carcinogenesis. <i>Journal of the American Academy of Dermatology</i> , 2004, 51, 919-922.	1.2	42
51	Sexuality and Physical Contact in National Social Life, Health, and Aging Project Wave 2. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, S83-S98.	3.9	42
52	Timing of insemination is correlated with the secondary sex ratio of Norway rats. <i>Physiology and Behavior</i> , 1990, 48, 625-632.	2.1	41
53	Pheromones, Odors, and Vasanans. , 2002, , 797-870.		41
54	Fine particulate matter exposure and olfactory dysfunction among urban-dwelling older US adults. <i>Environmental Research</i> , 2016, 151, 797-803.	7.5	41

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55	Olfactory function and the social lives of older adults: a matter of sex. <i>Scientific Reports</i> , 2017, 7, 45118.	3.3	41
56	Global Sensory Impairment Predicts Morbidity and Mortality in Older U.S. Adults. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 2587-2595.	2.6	41
57	Variation in reproductive traits is associated with short anogenital distance in female rats. <i>Developmental Psychobiology</i> , 2001, 38, 229-238.	1.6	38
58	Social chemosignals from breastfeeding women increase sexual motivation. <i>Hormones and Behavior</i> , 2004, 46, 362-370.	2.1	37
59	Sensory Function: Insights From Wave 2 of the National Social Life, Health, and Aging Project. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, S144-S153.	3.9	37
60	Induction of persistent estrus by airborne chemical communication among female rats. <i>Hormones and Behavior</i> , 1978, 11, 414-418.	2.1	36
61	Actigraphic sleep characteristics among older Americans. <i>Sleep Health</i> , 2015, 1, 285-292.	2.5	35
62	Mammary Adipose Tissue-Derived Lysophospholipids Promote Estrogen Receptor-Dependent Mammary Epithelial Cell Proliferation. <i>Cancer Prevention Research</i> , 2016, 9, 367-378.	1.5	35
63	On the Nature of Mammalian and Human Pheromones. <i>Annals of the New York Academy of Sciences</i> , 1998, 855, 390-392.	3.8	32
64	Postejaculatory quiescence in female and male rats: Consequences for sperm transport during group mating. <i>Journal of Comparative and Physiological Psychology</i> , 1982, 96, 268-277.	1.8	31
65	Field Survey Measures of Olfaction. <i>Field Methods</i> , 2014, 26, 421-434.	0.8	31
66	Isolation accelerates reproductive senescence and alters its predictors in female rats. <i>Hormones and Behavior</i> , 1991, 25, 258-272.	2.1	30
67	Passing as an Indicator of Social Dominance Among Female Wild and Domestic Norway Rats. <i>Behaviour</i> , 1991, 118, 26-41.	0.8	28
68	Social Peptides: Measuring Urinary Oxytocin and Vasopressin in a Home Field Study of Older Adults at Risk for Dehydration. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, S229-S237.	3.9	28
69	Olfactory dysfunction persists after smoking cessation and signals increased cardiovascular risk. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 977-985.	2.8	27
70	Effects of breastfeeding chemosignals on the human menstrual cycle. <i>Human Reproduction</i> , 2004, 19, 422-429.	0.9	26
71	Ovulatory Pheromone Shortens Ovarian Cycles of Female Rats Living in Olfactory Isolation. <i>Physiology and Behavior</i> , 1997, 62, 899-904.	2.1	25
72	Nitrogen dioxide pollution exposure is associated with olfactory dysfunction in older U.S. adults. <i>International Forum of Allergy and Rhinology</i> , 2016, 6, 1245-1252.	2.8	24

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73	Odor Sensitivity Versus Odor Identification in Older US Adults: Associations With Cognition, Age, Gender, and Race. <i>Chemical Senses</i> , 2020, 45, 321-330.	2.0	24
74	Olfactory Thresholds of the U.S. Population of Home-Dwelling Older Adults: Development and Validation of a Short, Reliable Measure. <i>PLoS ONE</i> , 2015, 10, e0118589.	2.5	22
75	Cognitive Function and its Risk Factors Among Older US Adults Living at Home. <i>Alzheimer Disease and Associated Disorders</i> , 2018, 32, 207-213.	1.3	19
76	Olfactory Dysfunction Predicts the Development of Depression in Older US Adults. <i>Chemical Senses</i> , 2021, 46, .	2.0	19
77	Human Body Scents: Conscious Perceptions and Biological Effects. <i>Chemical Senses</i> , 2005, 30, i135-i137.	2.0	18
78	The Behavioral Endocrinology of Rodents: A Functional Analysis. <i>BioScience</i> , 1983, 33, 573-577.	4.9	17
79	The Timing of Mating by Postpartum Estrous Rats. <i>Zeitschrift für Tierpsychologie</i> , 1985, 67, 1-16.	0.2	17
80	Isolation and the timing of mammary gland development, gonadarche, and ovarian senescence: Implications for mammary tumor burden. <i>Developmental Psychobiology</i> , 2008, 50, 353-360.	1.6	15
81	The Utility and Dynamics of Salivary Sex Hormone Measurements in the National Social Life, Health, and Aging Project, Wave 2. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, S215-S228.	3.9	15
82	Personality Measures in the National Social Life, Health, and Aging Project. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, S117-S124.	3.9	15
83	A human chemosignal modulates frontolimbic activity and connectivity in response to emotional stimuli. <i>Psychoneuroendocrinology</i> , 2017, 75, 15-25.	2.7	15
84	reply: Pheromones and regulation of ovulation. <i>Nature</i> , 1999, 401, 232-233.	27.8	14
85	Multiple factors determine the sex ratio of postpartum-conceived norway rat litters. <i>Physiology and Behavior</i> , 1994, 56, 359-366.	2.1	13
86	Male sexual rest affects litter sex ratio of newborn Norway rats. <i>Animal Behaviour</i> , 1996, 51, 991-1005.	1.9	13
87	Synchronizing Ovarian and Birth Cycles by Female Pheromones. , 1983, , 159-178.		13
88	Sensory Dysfunction and Sexuality in the U.S. Population of Older Adults. <i>Journal of Sexual Medicine</i> , 2018, 15, 502-509.	0.6	11
89	Sequence variations at the human leukocyte antigen-linked olfactory receptor cluster do not influence female preferences for male odors. <i>Human Immunology</i> , 2010, 71, 100-103.	2.4	10
90	Social modulation of behavioral reproductive senescence in female rats. <i>Physiology and Behavior</i> , 1992, 52, 603-608.	2.1	9

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91	Reply to "The MHC and body odors: arbitrary effects caused by shifts of mean pleasantness" Nature Genetics, 2002, 31, 237-238.	21.4	9
92	Olfaction Is Associated With Sexual Motivation and Satisfaction in Older Men and Women. Journal of Sexual Medicine, 2021, 18, 295-302.	0.6	9
93	Beyond the Lung: Geriatric Conditions Afflict Community-Dwelling Older Adults With Self-Reported Chronic Obstructive Pulmonary Disease. Frontiers in Medicine, 2022, 9, 814606.	2.6	9
94	The sectorial foraging field: A novel design to quantify spatial strategies, learning, memory, and emotion. Neurobiology of Learning and Memory, 2005, 84, 69-73.	1.9	6
95	Sex ratios are multiply determined: a reply to James. Animal Behaviour, 1997, 54, 467-469.	1.9	5
96	Glycosylated Hemoglobin Testing in the National Social Life, Health, and Aging Project. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2014, 69, S198-S204.	3.9	5
97	Psychosocial Stress Exposure Disrupts Mammary Gland Development. Journal of Mammary Gland Biology and Neoplasia, 2018, 23, 59-73.	2.7	3
98	Sleep-Disordered Breathing Is Associated With Impaired Odor Identification in Older U.S. Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 528-533.	3.6	3
99	Social Control of the Ovarian Cycle. BioScience, 1981, 31, 138-139.	4.9	1
100	Assessing Putative Human Pheromones. , 2002, , 178-195.		1
101	IL-1 $\alpha$ high-IL-4low-IL-13low: A Novel Plasma Cytokine Signature Associated with Olfactory Dysfunction in Older US Adults. Chemical Senses, 2020, 45, 407-414.	2.0	1
102	Sexual Motivation. , 2015, , 759-767.		0
103	Exploring Shared Effects of Multisensory Impairment, Physical Dysfunction, and Cognitive Impairment on Physical Activity: An Observational Study in a National Sample. Journal of Aging and Physical Activity, 2021, , 1-9.	1.0	0