

# Martha K McClintock

## List of Publications by Citations

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103  
papers

6,058  
citations

41  
h-index

76  
g-index

103  
ext. papers

6,805  
ext. citations

6.2  
avg, IF

5.73  
L-index

#	Paper	IF	Citations
103	Menstrual synchrony and suppression. <i>Nature</i> , <b>1971</b> , 229, 244-5	50.4	618
102	Regulation of ovulation by human pheromones. <i>Nature</i> , <b>1998</b> , 392, 177-9	50.4	427
101	Paternally inherited HLA alleles are associated with women's choice of male odor. <i>Nature Genetics</i> , <b>2002</b> , 30, 175-9	36.3	345
100	Lonely traits and concomitant physiological processes: the MacArthur social neuroscience studies. <i>International Journal of Psychophysiology</i> , <b>2000</b> , 35, 143-54	2.9	301
99	Rethinking Puberty: The Development of Sexual Attraction. <i>Current Directions in Psychological Science</i> , <b>1996</b> , 5, 178-183	6.5	187
98	The Role of the Female During Copulation in Wild and Domestic Norway Rats ( <i>Rattus Norvegicus</i> ). <i>Behaviour</i> , <b>1978</b> , 67, 67-95	1.4	174
97	Olfactory dysfunction predicts 5-year mortality in older adults. <i>PLoS ONE</i> , <b>2014</b> , 9, e107541	3.7	173
96	Psychological state and mood effects of steroidal chemosignals in women and men. <i>Hormones and Behavior</i> , <b>2000</b> , 37, 57-78	3.7	162
95	Sleep duration and all-cause mortality: a critical review of measurement and associations. <i>Annals of Epidemiology</i> , <b>2013</b> , 23, 361-70	6.4	138
94	Reproductive senescence in female rats: a longitudinal study of individual differences in estrous cycles and behavior. <i>Biology of Reproduction</i> , <b>1988</b> , 38, 780-9	3.9	136
93	Group mating among Norway rats II. The social dynamics of copulation: Competition, cooperation, and mate choice. <i>Animal Behaviour</i> , <b>1982</b> , 30, 410-425	2.8	136
92	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> , <b>2009</b> , 106, 22393-8	11.5	135
91	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> , <b>2004</b> , 41, 82-93	4	122
90	Context-dependent effects of steroid chemosignals on human physiology and mood. <i>Physiology and Behavior</i> , <b>2001</b> , 74, 15-27	3.5	119
89	Social isolation and adult mortality: the role of chronic inflammation and sex differences. <i>Journal of Health and Social Behavior</i> , <b>2013</b> , 54, 183-203	4.5	110
88	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> , <b>2009</b> , 106, 9069-74	11.5	105
87	Social Control of the Ovarian Cycle and the Function of Estrous Synchrony. <i>American Zoologist</i> , <b>1981</b> , 21, 243-256		105

86	Group mating among Norway rats I. Sex differences in the pattern and neuroendocrine consequences of copulation. <i>Animal Behaviour</i> , <b>1982</b> , 30, 398-409	2.8	91
85	Sustained human chemosignal unconsciously alters brain function. <i>NeuroReport</i> , <b>2001</b> , 12, 2391-4	1.7	89
84	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> , <b>2016</b> , 113, E3071-80	11.5	87
83	Putative human pheromone androstadienone attunes the mind specifically to emotional information. <i>Hormones and Behavior</i> , <b>2009</b> , 55, 548-59	3.7	85
82	A model of gene-environment interaction reveals altered mammary gland gene expression and increased tumor growth following social isolation. <i>Cancer Prevention Research</i> , <b>2009</b> , 2, 850-861	3.2	81
81	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> , <b>2005</b> , 60 Spec No 1, 32-41	4.6	65
80	Location and gross morphology of the nasopalatine duct in human adults. <i>JAMA Otolaryngology</i> , <b>2000</b> , 126, 741-8		65
79	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> , <b>1984</b> , 1-50	3.4	65
78	Reciprocal affiliation among adolescent rats during a mild group stressor predicts mammary tumors and lifespan. <i>Psychosomatic Medicine</i> , <b>2008</b> , 70, 1050-9	3.7	64
77	Psychological effects of musky compounds: comparison of androstadienone with androstenol and muscone. <i>Hormones and Behavior</i> , <b>2002</b> , 42, 274-83	3.7	64
76	Global Sensory Impairment in Older Adults in the United States. <i>Journal of the American Geriatrics Society</i> , <b>2016</b> , 64, 306-313	5.6	62
75	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> , <b>2014</b> , 69 Suppl 2, S154-65	4.6	60
74	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> , <b>2006</b> , 290, R273-82	3.2	57
73	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> , <b>2014</b> , 69 Suppl 2, S99-116	4.6	55
72	Racial disparities in olfactory loss among older adults in the United States. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 323-9	6.4	54
71	Effects of reproductive state on olfactory sensitivity suggest odor specificity. <i>Biological Psychology</i> , <b>2006</b> , 71, 244-7	3.2	53
70	A coupled-oscillator model of ovarian-cycle synchrony among female rats. <i>Journal of Theoretical Biology</i> , <b>1992</b> , 157, 317-62	2.3	53
69	Inter-litter competition and communal nursing among Norway rats: advantages of birth synchrony. <i>Behavioral Ecology and Sociobiology</i> , <b>1990</b> , 27, 183	2.5	52

68	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> , <b>2014</b> , 69 Suppl 2, S166-76	4.6	47
67	Pheromonal Regulation of the Ovarian Cycle: Enhancement, Suppression, and Synchrony <b>1983</b> , 113-149		47
66	Marital Conflict in Older Couples: Positivity, Personality, and Health. <i>Journal of Marriage and Family</i> , <b>2014</b> , 76, 130-144	4.5	45
65	Infant temperament predicts life span in female rats that develop spontaneous tumors. <i>Hormones and Behavior</i> , <b>2006</b> , 50, 454-62	3.7	45
64	Relation between 22-kHz ultrasonic signals and sociosexual behavior in rats. <i>Journal of Comparative and Physiological Psychology</i> , <b>1978</b> , 92, 821-9		43
63	Olfactory Dysfunction Predicts Subsequent Dementia in Older U.S. Adults. <i>Journal of the American Geriatrics Society</i> , <b>2018</b> , 66, 140-144	5.6	41
62	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> , <b>2015</b> , 70, 1435-41	6.4	39
61	Timing of insemination is correlated with the secondary sex ratio of Norway rats. <i>Physiology and Behavior</i> , <b>1990</b> , 48, 625-32	3.5	38
60	Factors Associated with Inaccurate Self-Reporting of Olfactory Dysfunction in Older US Adults. <i>Chemical Senses</i> , <b>2017</b> , 42, 223-231	4.8	36
59	Evaluation of a Brief Survey Instrument for Assessing Subtle Differences in Cognitive Function Among Older Adults. <i>Alzheimer Disease and Associated Disorders</i> , <b>2015</b> , 29, 317-24	2.5	35
58	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> , <b>2014</b> , 69 Suppl 2, S83-98	4.6	34
57	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> , <b>2014</b> , 69 Suppl 2, S205-14	4.6	34
56	Chronic social isolation is associated with metabolic gene expression changes specific to mammary adipose tissue. <i>Cancer Prevention Research</i> , <b>2013</b> , 6, 634-45	3.2	34
55	Geriatric syndromes and functional status in NSHAP: rationale, measurement, and preliminary findings. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , <b>2014</b> , 69 Suppl 2, S177-90	4.6	33
54	Induction of persistent estrus by airborne chemical communication among female rats. <i>Hormones and Behavior</i> , <b>1978</b> , 11, 414-8	3.7	33
53	Chronic stress accelerates ultraviolet-induced cutaneous carcinogenesis. <i>Journal of the American Academy of Dermatology</i> , <b>2004</b> , 51, 919-22	4.5	32
52	Fine particulate matter exposure and olfactory dysfunction among urban-dwelling older US adults. <i>Environmental Research</i> , <b>2016</b> , 151, 797-803	7.9	32
51	Sexuality in Older Couples: Individual and Dyadic Characteristics. <i>Archives of Sexual Behavior</i> , <b>2017</b> , 46, 605-618	3.5	31

50	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> , <b>2014</b> , 69 Suppl 2, S134-43	4.6	30
49	Variation in reproductive traits is associated with short anogenital distance in female rats. <i>Developmental Psychobiology</i> , <b>2001</b> , 38, 229-38	3	30
48	Isolation accelerates reproductive senescence and alters its predictors in female rats. <i>Hormones and Behavior</i> , <b>1991</b> , 25, 258-72	3.7	30
47	Mammary Adipose Tissue-Derived Lysophospholipids Promote Estrogen Receptor-Negative Mammary Epithelial Cell Proliferation. <i>Cancer Prevention Research</i> , <b>2016</b> , 9, 367-78	3.2	29
46	Global Sensory Impairment Predicts Morbidity and Mortality in Older U.S. Adults. <i>Journal of the American Geriatrics Society</i> , <b>2017</b> , 65, 2587-2595	5.6	28
45	Olfactory function and the social lives of older adults: a matter of sex. <i>Scientific Reports</i> , <b>2017</b> , 7, 45118	4.9	27
44	Postejaculatory quiescence in female and male rats: Consequences for sperm transport during group mating.. <i>Journal of Comparative and Physiological Psychology</i> , <b>1982</b> , 96, 268-277		27
43	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> , <b>2014</b> , 69 Suppl 2, S144-53	4.6	26
42	On the nature of mammalian and human pheromones. <i>Annals of the New York Academy of Sciences</i> , <b>1998</b> , 855, 390-2	6.5	26
41	Social chemosignals from breastfeeding women increase sexual motivation. <i>Hormones and Behavior</i> , <b>2004</b> , 46, 362-70	3.7	26
40	Actigraphic sleep characteristics among older Americans. <i>Sleep Health</i> , <b>2015</b> , 1, 285-292	4	25
39	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> , <b>2014</b> , 69 Suppl 2, S229-37	4.6	24
38	Ovulatory pheromone shortens ovarian cycles of female rats living in olfactory isolation. <i>Physiology and Behavior</i> , <b>1997</b> , 62, 899-904	3.5	23
37	Pheromones, Odors, and Vasanas <b>2002</b> , 797-870		23
36	Field Survey Measures of Olfaction: The Olfactory Function Field Exam (OFFE). <i>Field Methods</i> , <b>2014</b> , 26, 421-434	2.5	22
35	Passing as an Indicator of Social Dominance Among Female Wild and Domestic Norway Rats. <i>Behaviour</i> , <b>1991</b> , 118, 26-41	1.4	21
34	Effects of breastfeeding chemosignals on the human menstrual cycle. <i>Human Reproduction</i> , <b>2004</b> , 19, 422-9	5.7	20
33	Olfactory thresholds of the U.S. Population of home-dwelling older adults: development and validation of a short, reliable measure. <i>PLoS ONE</i> , <b>2015</b> , 10, e0118589	3.7	17

32	Olfactory dysfunction persists after smoking cessation and signals increased cardiovascular risk. <i>International Forum of Allergy and Rhinology</i> , <b>2019</b> , 9, 977-985	6.3	16
31	Isolation and the timing of mammary gland development, gonadarche, and ovarian senescence: implications for mammary tumor burden. <i>Developmental Psychobiology</i> , <b>2008</b> , 50, 353-60	3	14
30	The Behavioral Endocrinology of Rodents: A Functional Analysis. <i>BioScience</i> , <b>1983</b> , 33, 573-577	5.7	14
29	Nitrogen dioxide pollution exposure is associated with olfactory dysfunction in older U.S. adults. <i>International Forum of Allergy and Rhinology</i> , <b>2016</b> , 6, 1245-1252	6.3	13
28	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> , <b>2014</b> , 69 Suppl 2, S215-28	4.6	13
27	Personality measures in the National Social Life, Health, and Aging Project. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , <b>2014</b> , 69 Suppl 2, S117-24	4.6	13
26	reply: Pheromones and regulation of ovulation. <i>Nature</i> , <b>1999</b> , 401, 232-233	50.4	13
25	Human body scents: conscious perceptions and biological effects. <i>Chemical Senses</i> , <b>2005</b> , 30 Suppl 1, i135-7	4.8	12
24	The Timing of Mating by Postpartum Estrous Rats. <i>Zeitschrift für Tierpsychologie</i> , <b>2010</b> , 67, 1-16		11
23	Male sexual rest affects litter sex ratio of newborn Norway rats. <i>Animal Behaviour</i> , <b>1996</b> , 51, 991-1005	2.8	11
22	Cognitive Function and its Risk Factors Among Older US Adults Living at Home. <i>Alzheimer Disease and Associated Disorders</i> , <b>2018</b> , 32, 207-213	2.5	10
21	A human chemosignal modulates frontolimbic activity and connectivity in response to emotional stimuli. <i>Psychoneuroendocrinology</i> , <b>2017</b> , 75, 15-25	5	10
20	Multiple factors determine the sex ratio of postpartum-conceived Norway rat litters. <i>Physiology and Behavior</i> , <b>1994</b> , 56, 359-66	3.5	9
19	Social modulation of behavioral reproductive senescence in female rats. <i>Physiology and Behavior</i> , <b>1992</b> , 52, 603-8	3.5	9
18	Sequence variations at the human leukocyte antigen-linked olfactory receptor cluster do not influence female preferences for male odors. <i>Human Immunology</i> , <b>2010</b> , 71, 100-3	2.3	8
17	Reply to "The MHC and body odors: arbitrary effects caused by shifts of mean pleasantness"	36.3	8
16	Odor Sensitivity Versus Odor Identification in Older US Adults: Associations With Cognition, Age, Gender, and Race. <i>Chemical Senses</i> , <b>2020</b> , 45, 321-330	4.8	7
15	Sensory Dysfunction and Sexuality in the U.S. Population of Older Adults. <i>Journal of Sexual Medicine</i> , <b>2018</b> , 15, 502-509	1.1	7

14	Sex ratios are multiply determined: a reply to James. <i>Animal Behaviour</i> , <b>1997</b> , 54, 467-9	2.8	5
13	The sectored foraging field: a novel design to quantify spatial strategies, learning, memory, and emotion. <i>Neurobiology of Learning and Memory</i> , <b>2005</b> , 84, 69-73	3.1	5
12	Glycosylated hemoglobin testing in the National Social Life, Health, and Aging Project. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , <b>2014</b> , 69 Suppl 2, S198-204	4.6	4
11	Olfaction Is Associated With Sexual Motivation and Satisfaction in Older Men and Women. <i>Journal of Sexual Medicine</i> , <b>2021</b> , 18, 295-302	1.1	4
10	Synchronizing Ovarian and Birth Cycles by Female Pheromones <b>1983</b> , 159-178		4
9	Olfactory Dysfunction Predicts the Development of Depression in Older US Adults. <i>Chemical Senses</i> , <b>2021</b> , 46,	4.8	3
8	Sleep-Disordered Breathing Is Associated With Impaired Odor Identification in Older U.S. Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, 528-533	6.4	2
7	IL-1 $\alpha$ high-IL-4low-IL-13low: A Novel Plasma Cytokine Signature Associated with Olfactory Dysfunction in Older US Adults. <i>Chemical Senses</i> , <b>2020</b> , 45, 407-414	4.8	1
6	Psychosocial Stress Exposure Disrupts Mammary Gland Development. <i>Journal of Mammary Gland Biology and Neoplasia</i> , <b>2018</b> , 23, 59-73	2.4	1
5	Assessing Putative Human Pheromones <b>2002</b> , 178-195		1
4	Social Control of the Ovarian Cycle. <i>BioScience</i> , <b>1981</b> , 31, 138-139	5.7	1
3	Beyond the Lung: Geriatric Conditions Afflict Community-Dwelling Older Adults With Self-Reported Chronic Obstructive Pulmonary Disease.. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 814606	4.9	1
2	Sexual Motivation <b>2015</b> , 759-767		
1	Exploring Shared Effects of Multisensory Impairment, Physical Dysfunction, and Cognitive Impairment on Physical Activity: An Observational Study in a National Sample. <i>Journal of Aging and Physical Activity</i> , <b>2021</b> , 1-9	1.6	