Stefano Parmigiani

List of Publications by Year
in descending order

95	6,369	66315	64755
papers	citations	42 h-index	79 g-index

101	101	101	6278
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prostate enlargement in mice due to fetal exposure to low doses of estradiol or diethylstilbestrol and opposite effects at high doses. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 2056-2061.	3.3	662
2	Why Public Health Agencies Cannot Depend on Good Laboratory Practices as a Criterion for Selecting Data: The Case of Bisphenol A. Environmental Health Perspectives, 2009, 117, 309-315.	2.8	268
3	Escalated aggressive behavior: Dopamine, serotonin and GABA. European Journal of Pharmacology, 2005, 526, 51-64.	1.7	251
4	Metabolic disruption in male mice due to fetal exposure to low but not high doses of bisphenol A (BPA): Evidence for effects on body weight, food intake, adipocytes, leptin, adiponectin, insulin and glucose regulation. Reproductive Toxicology, 2013, 42, 256-268.	1.3	242
5	Effects of developmental exposure to bisphenol A on brain and behavior in mice. Environmental Research, 2008, 108, 150-157.	3.7	234
6	Social stress in mice. Physiology and Behavior, 2001, 73, 411-420.	1.0	217
7	Individual housing induces altered immuno-endocrine responses to psychological stress in male mice. Psychoneuroendocrinology, 2003, 28, 540-558.	1.3	209
8	Social factors and individual vulnerability to chronic stress exposure. Neuroscience and Biobehavioral Reviews, 2005, 29, 67-81.	2.9	188
9	Parma consensus statement on metabolic disruptors. Environmental Health, 2015, 14, 54.	1.7	174
10	Social status in mice: behavioral, endocrine and immune changes are context dependent. Physiology and Behavior, 2001, 73, 401-410.	1.0	167
11	Selection, evolution of behavior and animal models in behavioral neuroscience. Neuroscience and Biobehavioral Reviews, 1999, 23, 957-970.	2.9	162
12	Estrogenic pesticides: binding relative to estradiol in MCF-7 cells and effects of exposure during fetal life on subsequent territorial behaviour in male mice. Toxicology Letters, 1995, 77, 343-350.	0.4	157
13	Behavioral and physiological characterization of male mice under chronic psychosocial stress. Psychoneuroendocrinology, 2004, 29, 899-910.	1.3	150
14	Developmental exposure to low-dose estrogenic endocrine disruptors alters sex differences in exploration and emotional responses in mice. Hormones and Behavior, 2007, 52, 307-316.	1.0	149
15	Defensive behaviors in wild and laboratory (Swiss) mice: the mouse defense test battery. Physiology and Behavior, 1998, 65, 201-209.	1.0	146
16	Metabolic Consequences and Vulnerability to Diet-Induced Obesity in Male Mice under Chronic Social Stress. PLoS ONE, 2009, 4, e4331.	1.1	138
17	Behavioral profile of wild mice in the elevated plus-maze test for anxiety. Physiology and Behavior, 2000, 71, 509-516.	1.0	122
18	Interindividual Variability in Swiss Male Mice: Relationship between Social Factors, Aggression, and Anxiety. Physiology and Behavior, 1998, 63, 821-827.	1.0	108

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19	The effect of the type of opponent in tests of murine aggression. Behavioural Processes, 1981, 6, 319-327.	0.5	105
20	Prenatal exposure to endocrine disrupting chemicals: effects on behavioral development. Neuroscience and Biobehavioral Reviews, 1999, 23, 1011-1027.	2.9	103
21	Increased vulnerability to psychosocial stress in heterozygous serotonin transporter knockout mice. DMM Disease Models and Mechanisms, 2010, 3, 459-470.	1.2	95
22	An evolutionary approach to behavioral pharmacology: using drugs to understand proximate and ultimate mechanisms of different forms of aggression in mice. Neuroscience and Biobehavioral Reviews, 1998, 23, 143-153.	2.9	88
23	Serotonin and aggressive behavior in rodents and nonhuman primates: Predispositions and plasticity. European Journal of Pharmacology, 2005, 526, 259-273.	1.7	88
24	Effects of Prenatal Exposure to Low Doses of Diethylstilbestrol, o,p'DDT, and Methoxychlor on Postnatal Growth and Neurobehavioral Development in Male and Female Mice. Hormones and Behavior, 2001, 40, 252-265.	1.0	79
25	Perinatal exposure to endocrine disruptors: sex, timing and behavioral endpoints. Current Opinion in Behavioral Sciences, 2016, 7, 69-75.	2.0	78
26	Chronic psychosocial stress down-regulates central cytokines mRNA. Brain Research Bulletin, 2003, 62, 173-178.	1.4	77
27	The effects of bisphenol A on emotional behavior depend upon the timing of exposure, age and gender in mice. Hormones and Behavior, 2013, 63, 598-605.	1.0	77
28	How does sex matter? Behavior, stress and animal models of neurobehavioral disorders. Neuroscience and Biobehavioral Reviews, 2017, 76, 134-143.	2.9	76
29	Chronic psychosocial stress persistently alters autonomic function and physical activity in mice. Physiology and Behavior, 2003, 80, 57-67.	1.0	74
30	Cross fostering in mice: behavioral and physiological carry-over effects in adulthood. Genes, Brain and Behavior, 2004, 3, 115-122.	1.1	70
31	What made us human? Biological and cultural evolution of Homo sapiens. Journal of Anthropological Sciences, 2016, 94, 1-4.	0.4	69
32	Ethological methods to study the effects of maternal exposure to estrogenic endocrine disrupters. Neurotoxicology and Teratology, 2002, 24, 55-69.	1.2	66
33	Effects of residence, aggressive experience and intruder familiarity on attack shown by male mice. Behavioural Processes, 1983, 8, 45-57.	0.5	64
34	Prenatal Exposure to Low Doses of the Estrogenic Chemicals Diethylstilbestrol and o,pâ€²-DDT Alters Aggressive Behavior of Male and Female House Mice. Pharmacology Biochemistry and Behavior, 1999, 64, 665-672.	1.3	59
35	Characterization of a novel peripheral pro-lipolytic mechanism in mice: role of VGF-derived peptide TLQP-21. Biochemical Journal, 2012, 441, 511-522.	1.7	56
36	Male and Female Competitive Strategies of Wild House Mice Pairs (Mus Musculus Domesticus) Confronted With Intruders of Different Sex and Age in Artificial Territories. Behaviour, 1996, 133, 863-882.	0.4	55

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37	Psychosocial stress induces hyperphagia and exacerbates diet-induced insulin resistance and the manifestations of the Metabolic Syndrome. Psychoneuroendocrinology, 2013, 38, 2933-2942.	1.3	51
38	A 2-year follow up of babies enrolled in a European multicentre trial of porcine surfactant replacement for severe neonatal respiratory distress syndrome. European Journal of Pediatrics, 1992, 151, 372-376.	1.3	50
39	Female competition in wild house mice depends upon timing of female/male settlement and kinship between females. Animal Behaviour, 2005, 69, 1259-1271.	0.8	50
40	Nest defense and survival of offspring in highly aggressive wild Canadian female house mice. Physiology and Behavior, 1995, 58, 669-678.	1.0	48
41	Differential effects of chlordiazepoxide on aggressive behavior in male mice: the influence of social factors. Psychopharmacology, 1997, 134, 258-265.	1.5	45
42	Vulnerability to chronic subordination stress-induced depression-like disorders in adult 129SvEv male mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1461-1471.	2.5	45
43	Genes regulating the serotonin metabolic pathway in the brain stem and their role in the etiopathogenesis of the sudden infant death syndrome. Genomics, 2008, 91, 485-491.	1.3	44
44	Prophylaxis of respiratory distress syndrome by treatment with modified porcine surfactant at birth: a multicentre prospective randomized trial. Journal of Perinatal Medicine, 1996, 24, 609-620.	0.6	41
45	PDCD10 Gene Mutations in Multiple Cerebral Cavernous Malformations. PLoS ONE, 2014, 9, e110438.	1.1	41
46	Karyotype and intermale aggression in wild house mice: Ecology and speciation. Behavior Genetics, 1984, 14, 195-208.	1.4	39
47	Urine marking and maternal aggression of wild female mice in relation to anogenital distance at birth. Physiology and Behavior, 1995, 58, 827-835.	1.0	39
48	Personality traits and endocrine response as possible asymmetry factors of agonistic outcome in karate athletes. Aggressive Behavior, 2009, 35, 324-333.	1.5	38
49	Male urinary cues stimulate intra-sexual aggression and urine-marking in wild female mice, Mus musculus domesticus. Animal Behaviour, 1994, 48, 245-247.	0.8	36
50	Age at group formation alters behavior and physiology in male but not female CD-1 mice. Physiology and Behavior, 2004, 82, 425-434.	1.0	36
51	The plastic world: Sources, amounts, ecological impacts and effects on development, reproduction, brain and behavior in aquatic and terrestrial animals and humans. Environmental Research, 2008, 108, 127-130.	3.7	35
52	Association of dopamine transporter and monoamine oxidase molecular polymorphisms with sudden infant death syndrome and stillbirth: new insights into the serotonin hypothesis. Neurogenetics, 2009, 10, 65-72.	0.7	35
53	What is stressful for females? Differential effects of unpredictable environmental or social stress in CD1 female mice. Hormones and Behavior, 2018, 98, 22-32.	1.0	35
54	Risk Evaluation of Endocrine-Disrupting Chemicals. Dose-Response, 2015, 13, 155932581561076.	0.7	34

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55	Behavioral and electrocardiographic responses to social stress in male rats. Physiology and Behavior, 1994, 55, 209-216.	1.0	33
56	The inhibitory effects of fluprazine on parental aggression in female mice are dependent upon intruder sex. Physiology and Behavior, 1989, 46, 455-459.	1.0	32
57	Effects of chlordiazepoxide on maternal aggression in mice depend on experience of resident and sex of intruder. Pharmacology Biochemistry and Behavior, 1996, 54, 175-182.	1.3	31
58	Randomized multicentre trial of treatment with porcine natural surfactant for moderately severe neonatal respiratory distress syndrome. Journal of Perinatal Medicine, 1993, 21, 329-340.	0.6	30
59	Inhibition of infanticide in male Swiss mice: Behavioral polymorphism in response to multiple mediating factors. Physiology and Behavior, 1991, 49, 797-802.	1.0	29
60	In judo,Randori (free fight) andKata (highly ritualized fight) differentially change plasma cortisol, testosterone, and interleukin levels in male participants. Aggressive Behavior, 2006, 32, 481-489.	1.5	24
61	Sex-biased impact of endocrine disrupting chemicals on behavioral development and vulnerability to disease: Of mice and children. Neuroscience and Biobehavioral Reviews, 2021, 121, 29-46.	2.9	24
62	Fluprazine inhibits intermale attack and infanticide, but not predation, in male mice. Neuroscience and Biobehavioral Reviews, 1991, 15, 511-513.	2.9	23
63	Chronic psychosocial stress-induced down-regulation of immunity depends upon individual factors. Journal of Neuroimmunology, 2003, 141, 58-64.	1.1	23
64	Functional analysis of maternal aggression in the house mouse (mus musculus domesticus). Behavioural Processes, 1994, 32, 1-16.	0.5	22
65	Implication of the VGF-derived peptide TLQP-21 in mouse acute and chronic stress responses. Behavioural Brain Research, 2012, 229, 333-339.	1.2	22
66	Social stress. Physiology and Behavior, 2001, 73, 253-254.	1.0	21
67	The biological origins of rituals: An interdisciplinary perspective. Neuroscience and Biobehavioral Reviews, 2019, 98, 95-106.	2.9	21
68	Effects of Galanin and the Galanin Receptor Antagonist Galantide on Plasma Catecholamine Levels during a Psychosocial Stress Stimulus in Rats. Neuroendocrinology, 1998, 67, 67-72.	1.2	17
69	Individual differences in behavior and physiology: causes and consequences. Neuroscience and Biobehavioral Reviews, 2005, 29, 1-2.	2.9	15
70	Repeated and chronic administration of Vardenafil or Sildenafil differentially affects emotional and socio-sexual behavior in mice. Behavioural Brain Research, 2013, 253, 103-112.	1.2	12
71	Proximate and ultimate causes of ritual behavior. Behavioural Brain Research, 2020, 393, 112772.	1.2	12
72	A rare case of multiple congenital epulis. Journal of Maternal-Fetal and Neonatal Medicine, 2004, 16, 55-58.	0.7	11

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73	Effects of Prenatal Exposure to a Low-Dose of Bisphenol A on Sex Differences in Emotional Behavior and Central Alpha2-Adrenergic Receptor Binding. International Journal of Molecular Sciences, 2020, 21, 3269.	1.8	11
74	Back to Stir It Up: Erectile Dysfunction in an Evolutionary, Developmental, and Clinical Perspective. Journal of Sex Research, 2019, 56, 378-390.	1.6	10
75	Sildenafil counteracts the inhibitory effect of social subordination on competitive aggression and sexual motivation in male mice. Behavioural Brain Research, 2011, 216, 193-199.	1.2	9
76	Studies on tube restraint-induced attack on a metal target by laboratory mice. Behavioural Processes, 1983, 8, 277-287.	0.5	7
77	The Parma Charter of the Rights of the Newborn. Journal of Maternal-Fetal and Neonatal Medicine, 2011, 24, 171-171.	0.7	7
78	Current concepts on the pulmonary surfactant in infants. Journal of Maternal-Fetal and Neonatal Medicine, 2005, 18, 369-380.	0.7	6
79	The Obese Species: a special issue on obesity and metabolic disorders. DMM Disease Models and Mechanisms, 2012, 5, 563-564.	1.2	6
80	Evolved morality: The biology and philosophy of human conscience. Behaviour, 2014, 151, 137-141.	0.4	6
81	Conditional Inactivation of Limbic Neuropeptide Y-1 Receptors Increases Vulnerability to Diet-Induced Obesity in Male Mice. International Journal of Molecular Sciences, 2021, 22, 8745.	1.8	6
82	Neonatal seizures in preterm infants: clinical outcome and relationship with subsequent epilepsy. Journal of Maternal-Fetal and Neonatal Medicine, 2004, 16, 51-53.	0.7	4
83	Concomitant deletion of chromosome 16p13.11 and triplication of chromosome 19p13.3 in a child with developmental disorders, intellectual disability, and epilepsy. Molecular Cytogenetics, 2015, 8, 9.	0.4	4
84	Why human evolution should be a basic science for medicine and psychology students. Journal of Anthropological Sciences, 2016, 94, 183-92.	0.4	4
85	An observational study of surfactant treatment in infants of 23â€“30 weeks' gestation: comparison of prophylaxis and early rescue. Journal of Maternal-Fetal and Neonatal Medicine, 2003, 14, 197-204.	0.7	3
86	On-ground housing in â€œMice Drawer Systemâ€•(MDS) cage affects locomotor behaviour but not anxiety in male mice. Acta Astronautica, 2008, 62, 453-461.	1.7	3
87	Behavioral and hormonal effects of prolonged Sildenafil treatment in a mouse model of chronic social stress. Behavioural Brain Research, 2020, 392, 112707.	1.2	3
88	Loss of Socio-Economic Condition and Psychogenic Erectile Dysfunction: the Role of Temperament and Depression. Adaptive Human Behavior and Physiology, 2020, 6, 57-74.	0.6	3
89	Quo Vadis Psychiatry? Why It Is Time to Endorse Evolutionary Theory. Journal of Nervous and Mental Disease, 2022, 210, 235-245.	0.5	3
90	Evaluation of normal values of reactive oxygen species and total antioxidant defenses on cord blood of full-term healthy infants with a bedside method. Journal of Maternal-Fetal and Neonatal Medicine, 2011, 24, 1065-1070.	0.7	2

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91	The Biology of Human Culture and Ethics: An Evolutionary Perspective. , 2006, , 121-138.		1
92	Cortisol, Temperament and Serotonin in Karate Combats: An Evolutionary Psychobiological Perspective. Adaptive Human Behavior and Physiology, 2022, 8, 10.	0.6	1
93	Erratum to â€œ Chronic psychosocial stress-induced down-regulation of immunity depends upon individual factorsâ€•[J. Neuroimmunol. 141 (2003) 58â€“64]. Journal of Neuroimmunology, 2004, 150, 199.	1.1	0
94	Palivizumab for prophylaxis of RSV infection: five epidemic seasons' experience on adverse effects (2002â€“2007). Journal of Perinatal Medicine, 2009, 37, 304-5.	0.6	0
95	General Characteristics of Preterm and Term Newborn. , 2012, , 17-20.		0