# Roser Nadal

List of Publications by Year
in descending order

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|---|---|---|---|
| 96 papers | 2,931 citations | 159585 30 h-index | 197818 49 g-index |
| 100 all docs | 100 docs citations | 100 times ranked | 3309 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Stress-related biomarkers and cognitive functioning in adolescents with ADHD: Effect of childhood maltreatment. Journal of Psychiatric Research, 2022, 149, 217-225. | 3.1 | 8 |
| 2 | Individual differences in the neuroendocrine response of male rats to emotional stressors are not trait-like and strongly depend on the intensity of the stressors. Psychoneuroendocrinology, 2021, 125, 105127. | 2.7 | 4 |
| 3 | Sex differences in fear memory consolidation via Tac2 signaling in mice. Nature Communications, 2021, 12, 2496. | 12.8 | 24 |
| 4 | Non-communicable diseases among women survivors of intimate partner violence: Critical review from a chronic stress framework. Neuroscience and Biobehavioral Reviews, 2021, 128, 720-734. | 6.1 | 6 |
| 5 | Male long-Evans rats: An outbred model of marked hypothalamic-pituitary-adrenal hyperactivity. Neurobiology of Stress, 2021, 15, 100355. | 4.0 | 12 |
| 6 | Prenatal Alcohol Exposure and Hypothalamic-Pituitary-Adrenal Axis Activity of the Offspring in Humans: a Systematic Review. Current Addiction Reports, 2021, 8, 81-88. | 3.4 | 1 |
| 7 | Neuropeptideâ€šâ€receptor deficiency affects sexâ€specific modulation of safety learning by preâ€exposure to electric stimuli. Genes, Brain and Behavior, 2020, 19, e12621. | 2.2 | 14 |
| 8 | Acute exposure of rats to a severe stressor alters the circadian pattern of corticosterone and sensitizes to a novel stressor: Relationship to pre-stress individual differences in resting corticosterone levels. Hormones and Behavior, 2020, 126, 104865. | 2.1 | 4 |
| 9 | The Role of Sleep Quality, Trait Anxiety and Hypothalamic-Pituitary-Adrenal Axis Measures in Cognitive Abilities of Healthy Individuals. International Journal of Environmental Research and Public Health, 2020, 17, 7600. | 2.6 | 18 |
| 10 | Modulation of KDM1A with vafidemstat rescues memory deficit and behavioral alterations. PLoS ONE, 2020, 15, e0233468. | 2.5 | 29 |
| 11 | Focusing attention on biological markers of acute stressor intensity: Empirical evidence and limitations. Neuroscience and Biobehavioral Reviews, 2020, 111, 95-103. | 6.1 | 17 |
| 12 | Adaptability to acute stress among women survivors of intimate partner violence: protocol for a mixed-methods cross-sectional study in a laboratory setting (BRAW study). BMJ Open, 2020, 10, e036561. | 1.9 | 0 |
| 13 | Adaptability to acute stress among women survivors of intimate partner violence: protocol for a mixed-methods cross-sectional study in a laboratory setting (BRAW study). BMJ Open, 2020, 10, e036561. | 1.9 | 3 |
| 14 | Controllability affects endocrine response of adolescent male rats to stress as well as impulsivity and behavioral flexibility during adulthood. Scientific Reports, 2019, 9, 3180. | 3.3 | 11 |
| 15 | Sex-specific association between the cortisol awakening response and obsessive-compulsive symptoms in healthy individuals. Biology of Sex Differences, 2019, 10, 55. | 4.1 | 6 |
| 16 | Tratamiento con levotiroxina de los sÃntomas cognitivos persistentes en depresiÃ³n mayor. Revista De PsiquiatrÃa Y Salud Mental, 2019, 12, 199-200. | 1.8 | 0 |
| 17 | Brain c-fos expression patterns induced by emotional stressors differing in nature and intensity. Brain Structure and Function, 2018, 223, 2213-2227. | 2.3 | 18 |
| 18 | Neuronal Activation After Prolonged Immobilization: Do the Same or Different Neurons Respond to a Novel Stressor?. Cerebral Cortex, 2018, 28, 1233-1244. | 2.9 | 3 |

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|---|---|---|---|
| 19 | Sex differences in the relationship between prolactin levels and impaired processing speed in early psychosis. Australian and New Zealand Journal of Psychiatry, 2018, 52, 585-595. | 2.3 | 11 |
| 20 | Clinical correlates of hypothalamic-pituitary-adrenal axis measures in individuals at risk for psychosis and with first-episode psychosis. Psychiatry Research, 2018, 265, 284-291. | 3.3 | 8 |
| 21 | Early life stress in rats sex-dependently affects remote endocrine rather than behavioral consequences of adult exposure to contextual fear conditioning. Hormones and Behavior, 2018, 103, 7-18. | 2.1 | 10 |
| 22 | Sex-dependent impact of early-life stress and adult immobilization in the attribution of incentive salience in rats. PLoS ONE, 2018, 13, e0190044. | 2.5 | 18 |
| 23 | Lithium-induced malaise does not interfere with adaptation of the hypothalamic-pituitary-adrenal axis to stress. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 75, 77-83. | 4.8 | 2 |
| 24 | Psychostimulants and forced swim stress interaction: how activation of the hypothalamic-pituitary-adrenal axis and stress-induced hyperglycemia are affected. Psychopharmacology, 2017, 234, 2859-2869. | 3.1 | 8 |
| 25 | Text mining and expert curation to develop a database on psychiatric diseases and their genes. Database: the Journal of Biological Databases and Curation, 2017, 2017, . | 3.0 | 11 |
| 26 | Nalmefene is effective at reducing alcohol seeking, treating alcoholâ€cocaine interactions and reducing alcoholâ€induced histone deacetylases gene expression in blood. British Journal of Pharmacology, 2016, 173, 2490-2505. | 5.4 | 17 |
| 27 | Critical features of acute stress-induced cross-sensitization identified through the hypothalamic-pituitary-adrenal axis output. Scientific Reports, 2016, 6, 31244. | 3.3 | 25 |
| 28 | Depressive- and anxiety-like behaviors and stress-related neuronal activation in vasopressin-deficient female Brattleboro rats. Physiology and Behavior, 2016, 158, 100-111. | 2.1 | 31 |
| 29 | Maternal separation induces neuroinflammation and long-lasting emotional alterations in mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 65, 104-117. | 4.8 | 110 |
| 30 | The neuroendocrine response to stress under the effect of drugs: Negative synergy between amphetamine and stressors. Psychoneuroendocrinology, 2016, 63, 94-101. | 2.7 | 9 |
| 31 | Adaptation of the hypothalamusâ€“pituitaryâ€“adrenal axis to daily repeated stress does not follow the rules of habituation: A new perspective. Neuroscience and Biobehavioral Reviews, 2015, 56, 35-49. | 6.1 | 48 |
| 32 | Histone Deacetylase Gene Expression Following Binge Alcohol Consumption in Rats and Humans. Alcoholism: Clinical and Experimental Research, 2015, 39, 1939-1950. | 2.4 | 31 |
| 33 | Stress-induced sensitization: the hypothalamicâ€“pituitaryâ€“adrenal axis and beyond. Stress, 2015, 18, 269-279. | 1.8 | 93 |
| 34 | Comparison of the effects of single and daily repeated immobilization stress on resting activity and heterotypic sensitization of the hypothalamicâ€“pituitaryâ€“adrenal axis. Stress, 2014, 17, 176-185. | 1.8 | 25 |
| 35 | Sex-dependent effects of an early life treatment in rats that increases maternal care: vulnerability or resilience?. Frontiers in Behavioral Neuroscience, 2014, 8, 56. | 2.0 | 39 |
| 36 | Sex differences in the long-lasting effects of a single exposure to immobilization stress in rats. Hormones and Behavior, 2014, 66, 793-801. | 2.1 | 14 |

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|---|---|---|---|
| 37 | Effects of topiramate on ethanolâ€cocaine interactions and <scp>DNA</scp> methyltransferase gene expression in the rat prefrontal cortex. British Journal of Pharmacology, 2014, 171, 3023-3036. | 5.4 | 14 |
| 38 | Sex differences in the behavioural and hypothalamicâ€“pituitaryâ€“adrenal response to contextual fear conditioning in rats. Hormones and Behavior, 2014, 66, 713-723. | 2.1 | 71 |
| 39 | Behavioral and neuroendocrine consequences of juvenile stress combined with adult immobilization in male rats. Hormones and Behavior, 2014, 66, 475-486. | 2.1 | 24 |
| 40 | Prior exposure to repeated immobilization or chronic unpredictable stress protects from some negative sequels of an acute immobilization. Behavioural Brain Research, 2014, 265, 155-162. | 2.2 | 21 |
| 41 | Adaptation of the pituitary-adrenal axis to daily repeated forced swim exposure in rats is dependent on the temperature of water. Stress, 2013, 16, 698-705. | 1.8 | 15 |
| 42 | Individual differences and the characterization of animal models of psychopathology: a strong challenge and a good opportunity. Frontiers in Pharmacology, 2013, 4, 137. | 3.5 | 52 |
| 43 | Not all stressors are equal: behavioral and endocrine evidence for development of contextual fear conditioning after a single session of footshocks but not of immobilization. Frontiers in Behavioral Neuroscience, 2012, 6, 69. | 2.0 | 12 |
| 44 | Acute stressâ€induced sensitization of the pituitaryâ€“adrenal response to heterotypic stressors: Independence of glucocorticoid release and activation of CRH1 receptors. Hormones and Behavior, 2012, 62, 515-524. | 2.1 | 21 |
| 45 | Maternal neglect with reduced depressive-like behavior and blunted c-fos activation in Brattleboro mothers, the role of central vasopressin. Hormones and Behavior, 2012, 62, 539-551. | 2.1 | 39 |
| 46 | Maternal deprivation and adolescent cannabinoid exposure impact hippocampal astrocytes, CB1 receptors and brain-derived neurotrophic factor in a sexually dimorphic fashion. Neuroscience, 2012, 204, 90-103. | 2.3 | 65 |
| 47 | What can We Know from Pituitaryâ€“Adrenal Hormones About the Nature and Consequences of Exposure to Emotional Stressors?. Cellular and Molecular Neurobiology, 2012, 32, 749-758. | 3.3 | 54 |
| 48 | Chronic cocaine selfâ€administration modulates ERK1/2 and CREB responses to dopamine receptor agonists in striatal slices. Addiction Biology, 2012, 17, 565-575. | 2.6 | 17 |
| 49 | Adolescent preâ€exposure to ethanol and 3,4â€methylenedioxymethylamphetamine (MDMA) increases conditioned rewarding effects of MDMA and drugâ€induced reinstatement. Addiction Biology, 2012, 17, 588-600. | 2.6 | 22 |
| 50 | Adrenocortical and behavioural response to chronic restraint stress in neurokinin-1 receptor knockout mice. Physiology and Behavior, 2012, 105, 669-675. | 2.1 | 14 |
| 51 | 7,8â€dihydroxyflavone, a TrkB receptor agonist, blocks longâ€term spatial memory impairment caused by immobilization stress in rats. Hippocampus, 2012, 22, 399-408. | 1.9 | 102 |
| 52 | Repeated exposure to immobilization or two different footshock intensities reveals differential adaptation of the hypothalamicâ€“pituitaryâ€“adrenal axis. Physiology and Behavior, 2011, 103, 125-133. | 2.1 | 64 |
| 53 | Adaptation of the hypothalamic-pituitary-adrenal axis and glucose to repeated immobilization or restraint stress is not influenced by associative signals. Behavioural Brain Research, 2011, 217, 232-239. | 2.2 | 19 |
| 54 | Behavioral and Endocrine Consequences of Simultaneous Exposure to Two Different Stressors in Rats: Interaction or Independence?. PLoS ONE, 2011, 6, e21426. | 2.5 | 27 |

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|---|---|---|---|
| 55 | Sexâ€dependent effects of maternal deprivation and adolescent cannabinoid treatment on adult rat behaviour. Addiction Biology, 2011, 16, 624-637. | 2.6 | 71 |
| 56 | Mecanismos de susceptibilidad al estrÃ©s. Hipertension Y Riesgo Vascular, 2010, 27, 117-124. | 0.6 | 1 |
| 57 | Do odors from different cats induce equivalent unconditioned and conditioned responses in rats?. Physiology and Behavior, 2010, 99, 388-394. | 2.1 | 22 |
| 58 | The brain pattern of c-fos induction by two doses of amphetamine suggests different brain processing pathways and minor contribution of behavioural traits. Neuroscience, 2010, 168, 691-705. | 2.3 | 35 |
| 59 | A single footshock causes long-lasting hypoactivity in unknown environments that is dependent on the development of contextual fear conditioning. Neurobiology of Learning and Memory, 2010, 94, 183-190. | 1.9 | 29 |
| 60 | Repeated amphetamine administration in rats revealed consistency across days and a complete dissociation between locomotor and hypothalamic-pituitary-adrenal axis effects of the drug. Psychopharmacology, 2009, 207, 447-459. | 3.1 | 4 |
| 61 | Cat odor causes long-lasting contextual fear conditioning and increased pituitary-adrenal activation, without modifying anxiety. Hormones and Behavior, 2009, 56, 465-471. | 2.1 | 28 |
| 62 | Long-term neuroendocrine and behavioural effects of a single exposure to stress in adult animals. Neuroscience and Biobehavioral Reviews, 2008, 32, 1121-1135. | 6.1 | 130 |
| 63 | Exposure to Severe Stressors Causes Longâ€lasting Dysregulation of Resting and Stressâ€induced Activation of the Hypothalamicâ€Pituitaryâ€Adrenal Axis. Annals of the New York Academy of Sciences, 2008, 1148, 165-173. | 3.8 | 38 |
| 64 | Characterization of central and peripheral components of the hypothalamusâ€“pituitaryâ€“adrenal axis in the inbred Roman rat strains. Psychoneuroendocrinology, 2008, 33, 437-445. | 2.7 | 60 |
| 65 | Marked dissociation between hypothalamicâ€“pituitaryâ€“adrenal activation and long-term behavioral effects in rats exposed to immobilization or cat odor. Psychoneuroendocrinology, 2008, 33, 1139-1150. | 2.7 | 47 |
| 66 | A single exposure to immobilization causes long-lasting pituitary-adrenal and behavioral sensitization to mild stressors. Hormones and Behavior, 2008, 54, 654-661. | 2.1 | 75 |
| 67 | Previous exposure to immobilisation and repeated exposure to a novel environment demonstrate a marked dissociation between behavioral and pituitaryâ€“adrenal responses. Behavioural Brain Research, 2008, 187, 239-245. | 2.2 | 49 |
| 68 | Litter size affects emotionality in adult male rats. Physiology and Behavior, 2007, 92, 708-716. | 2.1 | 58 |
| 69 | Differential effects of stress and amphetamine administration on Fos-like protein expression in corticotropin releasing factor-neurons of the rat brain. Developmental Neurobiology, 2007, 67, 702-714. | 3.0 | 30 |
| 70 | Influence of reactivity to novelty and anxiety on hypothalamicâ€“pituitaryâ€“adrenal and prolactin responses to two different novel environments in adult male rats. Behavioural Brain Research, 2006, 168, 13-22. | 2.2 | 61 |
| 71 | Environmental enrichment effects in social investigation in rats are gender dependent. Behavioural Brain Research, 2006, 174, 181-187. | 2.2 | 88 |
| 72 | Responsiveness of the hypothalamicâ€“pituitaryâ€“adrenal axis to different novel environments is a consistent individual trait in adult male outbred rats. Psychoneuroendocrinology, 2005, 30, 179-187. | 2.7 | 43 |

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|---|---|---|---|
| 73 | Perseverance of exploration in novel environments predicts morphine place conditioning in rats. Behavioural Brain Research, 2005, 165, 72-79. | 2.2 | 25 |
| 74 | The hypothalamicâ€“pituitaryâ€“adrenal and glucose responses to daily repeated immobilisation stress in rats: individual differences. Neuroscience, 2004, 123, 601-612. | 2.3 | 56 |
| 75 | Parafascicular electrical stimulation attenuates nucleus basalis magnocellularis lesion-induced active avoidance retention deficit. Behavioural Brain Research, 2003, 144, 37-48. | 2.2 | 5 |
| 76 | Opposite effects of ethanol and ketamine in the elevated plus-maze test in Wistar rats undergoing a chronic oral voluntary consumption procedure. Journal of Psychopharmacology, 2002, 16, 305-312. | 4.0 | 29 |
| 77 | Effects of Fimbria Lesions on Trace Two-Way Active Avoidance Acquisition and Retention in Rats. Neurobiology of Learning and Memory, 2002, 78, 406-425. | 1.9 | 27 |
| 78 | Positive relationship between activity in a novel environment and operant ethanol self-administration in rats. Psychopharmacology, 2002, 162, 333-338. | 3.1 | 96 |
| 79 | Electrolytic and ibotenic acid lesions of the nucleus basalis magnocellularis interrupt long-term retention, but not acquisition of two-way active avoidance, in rats. Experimental Brain Research, 2002, 142, 52-66. | 1.5 | 26 |
| 80 | Nucleus basalis magnocellularis electrical stimulation facilitates two-way active avoidance retention, in rats. Brain Research, 2001, 900, 337-341. | 2.2 | 28 |
| 81 | Pharmacology of the Atypical Antipsychotic Remoxipride, a Dopamine D<sub>2</sub> Receptor Antagonist. CNS Neuroscience & Therapeutics, 2001, 7, 265-282. | 4.0 | 21 |
| 82 | Differential effects of parafascicular electrical stimulation on active avoidance depending on the retention time, in rats. Brain Research Bulletin, 2000, 52, 419-426. | 3.0 | 8 |
| 83 | Operant Ethanol Self-Administration After Nicotine Treatment and Withdrawal. Alcohol, 1999, 17, 139-147. | 1.7 | 34 |
| 84 | Effects of Nicotine and Mecamylamine Microinjections into the Nucleus Accumbens on Ethanol and Sucrose Self-Administration. Alcoholism: Clinical and Experimental Research, 1998, 22, 1190-1198. | 2.4 | 51 |
| 85 | Effects of nicotine and mecamylamine microinjections into the nucleus accumbens on ethanol and sucrose self-administration. Alcoholism: Clinical and Experimental Research, 1998, 22, 1190-8. | 2.4 | 24 |
| 86 | EtOH self-administration on shuttle box avoidance learning and extinction in rats. Alcohol, 1997, 14, 503-509. | 1.7 | 16 |
| 87 | Acute effects of ketamine in the holeboard, the elevated-plus maze, and the social interaction test in Wistar rats. Depression and Anxiety, 1997, 5, 29-33. | 4.1 | 105 |
| 88 | Acute effects of ketamine in the holeboard, the elevated-plus maze, and the social interaction test in Wistar rats. Depression and Anxiety, 1997, 5, 29-33. | 4.1 | 43 |
| 89 | Oral intake of sweetened or sweetened alcoholic beverages and open-field behavior. Pharmacology Biochemistry and Behavior, 1996, 54, 739-743. | 2.9 | 14 |
| 90 | Effects of bromocriptine on self-administration of sweetened ethanol solutions in rats. Psychopharmacology, 1996, 128, 45-53. | 3.1 | 17 |

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|---|---|---|---|
| 91 | Effects of pretraining paradoxical sleep deprivation upon two-way active avoidance. Behavioural Brain Research, 1995, 72, 181-183. | 2.2 | 24 |
| 92 | Effects of ethanol, caffeine, and clorazepate on hypertonic NaCl solution intake in rats. Physiology and Behavior, 1995, 57, 113-116. | 2.1 | 2 |
| 93 | Effects Of ketamine, a noncompetitive NMDA antagonist, on the acquisition of the lever-press response in rats. Physiology and Behavior, 1995, 57, 389-392. | 2.1 | 27 |
| 94 | Effects of oral ethanol self-administration on the inhibition of the lever-press response in rats. Pharmacology Biochemistry and Behavior, 1992, 43, 589-595. | 2.9 | 20 |
| 95 | Conditioned place preference for ethanol and individual differences in rats. Personality and Individual Differences, 1992, 13, 287-294. | 2.9 | 14 |
| 96 | Searching for Biological Markers of Personality: Are There Neuroendocrine Markers of Anxiety?. , 0, , . | | 1 |