

Robert Kumsta

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102
papers

4,122
citations

38
h-index

63
g-index

135
ext. papers

4,756
ext. citations

5.6
avg, IF

5.52
L-index

#	Paper	IF	Citations
102	Common polymorphisms in the glucocorticoid receptor gene are associated with adrenocortical responses to psychosocial stress. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 565-73	5.6	281
101	Stress exposure in intrauterine life is associated with shorter telomere length in young adulthood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E513-8	11.5	279
100	Common oxytocin receptor gene (OXTR) polymorphism and social support interact to reduce stress in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 19937-42	11.5	201
99	Prenatal exposure to maternal psychosocial stress and HPA axis regulation in young adults. <i>Hormones and Behavior</i> , 2009 , 55, 292-8	3.7	200
98	Child-to-adult neurodevelopmental and mental health trajectories after early life deprivation: the young adult follow-up of the longitudinal English and Romanian Adoptees study. <i>Lancet, The</i> , 2017 , 389, 1539-1548	40	188
97	Oxytocin, stress and social behavior: neurogenetics of the human oxytocin system. <i>Current Opinion in Neurobiology</i> , 2013 , 23, 11-6	7.6	183
96	Sex specific associations between common glucocorticoid receptor gene variants and hypothalamus-pituitary-adrenal axis responses to psychosocial stress. <i>Biological Psychiatry</i> , 2007 , 62, 863-9	7.9	155
95	Covariance between psychological and endocrine responses to pharmacological challenge and psychosocial stress: a question of timing. <i>Psychosomatic Medicine</i> , 2008 , 70, 787-96	3.7	149
94	Free cortisol awakening responses are influenced by awakening time. <i>Psychoneuroendocrinology</i> , 2004 , 29, 174-84	5	140
93	Epigenetic regulation of the oxytocin receptor gene: implications for behavioral neuroscience. <i>Frontiers in Neuroscience</i> , 2013 , 7, 83	5.1	124
92	Stress and Depression: a Crucial Role of the Mineralocorticoid Receptor. <i>Journal of Neuroendocrinology</i> , 2016 , 28,	3.8	103
91	Prenatal psychosocial stress exposure is associated with insulin resistance in young adults. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 199, 498.e1-7	6.4	98
90	Influence of prenatal psychosocial stress on cytokine production in adult women. <i>Developmental Psychobiology</i> , 2008 , 50, 579-87	3	95
89	Sex-specific association between the 5-HTT gene-linked polymorphic region and basal cortisol secretion. <i>Psychoneuroendocrinology</i> , 2009 , 34, 972-82	5	84
88	Early childhood deprivation is associated with alterations in adult brain structure despite subsequent environmental enrichment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 641-649	11.5	78
87	Epigenetic regulation of lateralized fetal spinal gene expression underlies hemispheric asymmetries. <i>ELife</i> , 2017 , 6,	8.9	73
86	Functional mineralocorticoid receptor (MR) gene variation influences the cortisol awakening response after dexamethasone. <i>Psychoneuroendocrinology</i> , 2010 , 35, 339-49	5	70

85	A psychobiological perspective on genetic determinants of hypothalamus-pituitary-adrenal axis activity. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1032, 52-62	6.5	70
84	Cortisol and ACTH responses to psychosocial stress are modulated by corticosteroid binding globulin levels. <i>Psychoneuroendocrinology</i> , 2007 , 32, 1153-7	5	69
83	5HTT genotype moderates the influence of early institutional deprivation on emotional problems in adolescence: evidence from the English and Romanian Adoptee (ERA) study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2010 , 51, 755-62	7.9	67
82	Dopamine transporter gene polymorphism moderates the effects of severe deprivation on ADHD symptoms: developmental continuities in gene-environment interplay. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009 , 150B, 753-61	3.5	65
81	Prenatal psychosocial stress exposure is associated with subsequent working memory performance in young women. <i>Behavioral Neuroscience</i> , 2009 , 123, 886-93	2.1	65
80	Cell-free DNA release under psychosocial and physical stress conditions. <i>Translational Psychiatry</i> , 2018 , 8, 236	8.6	65
79	Altered Stress-Induced Regulation of Genes in Monocytes in Adults with a History of Childhood Adversity. <i>Neuropsychopharmacology</i> , 2016 , 41, 2530-40	8.7	63
78	IV. Developmental course of deprivation-specific psychological patterns: early manifestations, persistence to age 15, and clinical features. <i>Monographs of the Society for Research in Child Development</i> , 2010 , 75, 79-101	6.6	59
77	Longitudinal studies using a "natural experiment" design: the case of adoptees from Romanian institutions. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2012 , 51, 762-70	7.2	57
76	III. Deprivation-specific psychological patterns. <i>Monographs of the Society for Research in Child Development</i> , 2010 , 75, 48-78	6.6	55
75	Early severe institutional deprivation is associated with a persistent variant of adult attention-deficit/hyperactivity disorder: clinical presentation, developmental continuities and life circumstances in the English and Romanian Adoptees study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016 , 57, 1113-25	7.9	49
74	Adolescent callous-unemotional traits and conduct disorder in adoptees exposed to severe early deprivation. <i>British Journal of Psychiatry</i> , 2012 , 200, 197-201	5.4	47
73	Transcriptional control of the human glucocorticoid receptor: identification and analysis of alternative promoter regions. <i>Human Genetics</i> , 2011 , 129, 533-43	6.3	46
72	G72 and its association with major depression and neuroticism in large population-based groups from Germany. <i>American Journal of Psychiatry</i> , 2008 , 165, 753-62	11.9	45
71	The glucocorticoid receptor gene exon 1-F promoter is not methylated at the NGFI-A binding site in human hippocampus. <i>World Journal of Biological Psychiatry</i> , 2007 , 8, 262-8	3.8	44
70	HPA axis dysregulation in adult adoptees twenty years after severe institutional deprivation in childhood. <i>Psychoneuroendocrinology</i> , 2017 , 86, 196-202	5	42
69	Severe psychosocial deprivation in early childhood is associated with increased DNA methylation across a region spanning the transcription start site of CYP2E1. <i>Translational Psychiatry</i> , 2016 , 6, e830	8.6	41
68	Genetic modulation of oxytocin sensitivity: a pharmacogenetic approach. <i>Translational Psychiatry</i> , 2015 , 5, e664	8.6	41

67	Characterization of a glucocorticoid receptor gene (GR, NR3C1) promoter polymorphism reveals functionality and extends a haplotype with putative clinical relevance. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009 , 150B, 476-82	3.5	40
66	Neuropeptide S receptor gene is associated with cortisol responses to social stress in humans. <i>Biological Psychology</i> , 2013 , 93, 304-7	3.2	38
65	A functional variant of the serotonin transporter gene (SLC6A4) moderates impulsive choice in attention-deficit/hyperactivity disorder boys and siblings. <i>Biological Psychiatry</i> , 2011 , 70, 230-6	7.9	38
64	Psychological Consequences of Early Global Deprivation. <i>European Psychologist</i> , 2015 , 20, 138-151	4.4	34
63	Functional analysis of a potassium-chloride co-transporter 3 (SLC12A6) promoter polymorphism leading to an additional DNA methylation site. <i>Neuropsychopharmacology</i> , 2009 , 34, 458-67	8.7	31
62	Glucocorticoid receptor gene polymorphisms and glucocorticoid sensitivity of subdermal blood vessels and leukocytes. <i>Biological Psychology</i> , 2008 , 79, 179-84	3.2	31
61	Testosterone and androgen receptor gene polymorphism are associated with confidence and competitiveness in men. <i>Hormones and Behavior</i> , 2017 , 92, 93-102	3.7	27
60	Exploring Mental Health Status and Syndrome Patterns Among Young Refugee Children in Germany. <i>Frontiers in Psychiatry</i> , 2018 , 9, 212	5	25
59	The role of epigenetics for understanding mental health difficulties and its implications for psychotherapy research. <i>Psychology and Psychotherapy: Theory, Research and Practice</i> , 2019 , 92, 190-207	3.5	23
58	Poverty, early care, and stress reactivity in adolescence: Findings from a prospective, longitudinal study in South Africa. <i>Development and Psychopathology</i> , 2017 , 29, 449-464	4.3	21
57	Oxytocin and intergroup relations: goodwill is not a fixed pie. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E45; author reply E46	11.5	20
56	DNA methylation in candidate genes for handedness predicts handedness direction. <i>Laterality</i> , 2018 , 23, 441-461	2	17
55	Oxytocin receptor gene polymorphism modulates the effects of social support on heart rate variability. <i>Biological Psychology</i> , 2016 , 117, 43-49	3.2	17
54	The Single-Nucleotide Polymorphism rs53576 Moderates the Impact of Childhood Maltreatment on Empathy for Social Pain in Female Participants: Evidence for Differential Susceptibility. <i>Frontiers in Psychiatry</i> , 2018 , 9, 359	5	17
53	Oxytocin administration and emotion recognition abilities in adults with a history of childhood adversity. <i>Psychoneuroendocrinology</i> , 2019 , 99, 66-71	5	17
52	IX. Risk, causation, mediation, and moderation. <i>Monographs of the Society for Research in Child Development</i> , 2010 , 75, 187-211	6.6	16
51	KIAA0319 promoter DNA methylation predicts dichotic listening performance in forced-attention conditions. <i>Behavioural Brain Research</i> , 2018 , 337, 1-7	3.4	15
50	Adult disinhibited social engagement in adoptees exposed to extreme institutional deprivation: examination of its clinical status and functional impact. <i>British Journal of Psychiatry</i> , 2017 , 211, 289-295	5.4	14

49	Serotonin transporter gene (SLC6A4) polymorphism and susceptibility to a home-visiting maternal-infant attachment intervention delivered by community health workers in South Africa: Reanalysis of a randomized controlled trial. <i>PLoS Medicine</i> , 2017 , 14, e1002237	11.6	14
48	Sex-specific association between functional neuropeptide S receptor gene (NPSR1) variants and cortisol and central stress responses. <i>Psychoneuroendocrinology</i> , 2017 , 76, 49-56	5	13
47	Why does early childhood deprivation increase the risk for depression and anxiety in adulthood? A developmental cascade model. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020 , 61, 1043-1053	7.9	11
46	The brain under stress-A systematic review and activation likelihood estimation meta-analysis of changes in BOLD signal associated with acute stress exposure. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 124, 89-99	9	11
45	The Return of Fear: Variation of the Serotonin Transporter Gene Predicts Outcome of a Highly Standardized Exposure-Based One-Session Fear Treatment. <i>Psychotherapy and Psychosomatics</i> , 2018 , 87, 95-104	9.4	10
44	Working memory performance is associated with common glucocorticoid receptor gene polymorphisms. <i>Neuropsychobiology</i> , 2010 , 61, 49-56	4	10
43	Parents' evaluation of adoption success: a follow-up study of intercountry and domestic adoptions. <i>American Journal of Orthopsychiatry</i> , 2009 , 79, 522-31	2.8	10
42	Stress genomics revisited: gene co-expression analysis identifies molecular signatures associated with childhood adversity. <i>Translational Psychiatry</i> , 2020 , 10, 34	8.6	9
41	Temporal dynamics of cortisol-associated changes in mRNA expression of glucocorticoid responsive genes FKBP5, GILZ, SDPR, PER1, PER2 and PER3 in healthy humans. <i>Psychoneuroendocrinology</i> , 2019 , 102, 63-67	5	9
40	Exploring hair steroid concentrations in asylum seekers, internally displaced refugees, and immigrants. <i>Stress</i> , 2020 , 23, 538-545	3	8
39	Mechanisms, genes and treatment: Experimental fear conditioning, the serotonin transporter gene, and the outcome of a highly standardized exposure-based fear treatment. <i>Behaviour Research and Therapy</i> , 2018 , 107, 117-126	5.2	7
38	Event-related functional MRI of awake behaving pigeons at 7T. <i>Nature Communications</i> , 2020 , 11, 4715	17.4	7
37	Genetic variation of the mineralocorticoid receptor gene (MR, NR3C2) is associated with a conceptual endophenotype of "CRF-hypoactivity". <i>Psychoneuroendocrinology</i> , 2019 , 105, 79-85	5	7
36	Enhanced startle responsivity 24 hours after acute stress exposure. <i>Behavioral Neuroscience</i> , 2016 , 130, 521-530	2.1	6
35	The association between childhood maltreatment and empathic perspective taking is moderated by the 5-HTT linked polymorphic region: Another example of "differential susceptibility". <i>PLoS ONE</i> , 2019 , 14, e0226737	3.7	6
34	Oxytocin and the stress buffering effect of social company: a genetic study in daily life. <i>Social Cognitive and Affective Neuroscience</i> , 2020 , 15, 293-301	4	5
33	Cortisol awakening response in children and adolescents with autism spectrum disorder: a systematic review and meta-analysis. <i>Evidence-Based Mental Health</i> , 2019 , 22, 118-124	11.1	5
32	Cortisol modulates the engagement of multiple memory systems: Exploration of a common NR3C2 polymorphism. <i>Psychoneuroendocrinology</i> , 2019 , 107, 133-140	5	4

31	DNA methylation of dopamine-related gene promoters is associated with line bisection deviation in healthy adults. <i>Scientific Reports</i> , 2019 , 9, 5902	4.9	4
30	Angiotensin involvement in trauma processing-exploring candidate neurocognitive mechanisms of preventing post-traumatic stress symptoms. <i>Neuropsychopharmacology</i> , 2020 , 45, 507-514	8.7	4
29	Targeted bisulfite sequencing: A novel tool for the assessment of DNA methylation with high sensitivity and increased coverage. <i>Psychoneuroendocrinology</i> , 2020 , 120, 104784	5	4
28	Highs and lows: Genetic susceptibility to daily events. <i>PLoS ONE</i> , 2020 , 15, e0237001	3.7	4
27	Schizotypy and altered hemispheric asymmetries: The role of cilia genes. <i>Psychiatry Research - Neuroimaging</i> , 2019 , 294, 110991	2.9	3
26	Sex modulates the interaction between neuropeptide S gene variants and endocrine and central stress responses. <i>Psychoneuroendocrinology</i> , 2015 , 61, 59	5	2
25	The Genetics of Asymmetry: Whole Exome Sequencing in a Consanguineous Turkish Family with an Overrepresentation of Left-Handedness. <i>Symmetry</i> , 2017 , 9, 66	2.7	2
24	Polygenic scores for handedness and their association with asymmetries in brain structure. <i>Brain Structure and Function</i> , 2021 , 1	4	2
23	Prenatal exposure to endocrine disrupting chemicals is associated with altered DNA methylation in cord blood. <i>Epigenetics</i> , 2021 , 1-18	5.7	2
22	The role of the 5-HTTLPR polymorphism in acquired capability for suicide. <i>Suicide and Life-Threatening Behavior</i> , 2020 , 50, 1121-1126	3.9	1
21	Polygenic Scores for Cognitive Abilities and Their Association with Different Aspects of General Intelligence-A Deep Phenotyping Approach. <i>Molecular Neurobiology</i> , 2021 , 58, 4145-4156	6.2	1
20	Adoptees' responses to separation from, and reunion with, their adoptive parent at age 4 years is associated with long-term persistence of autism symptoms following early severe institutional deprivation. <i>Development and Psychopathology</i> , 2020 , 32, 631-640	4.3	1
19	The mediating role of KITLG DNA methylation in the association between childhood adversity and cortisol stress reactivity does not replicate in monocytes. <i>Psychoneuroendocrinology</i> , 2020 , 116, 104653	5	0
18	Genetik und Epigenetik in der Psychotherapie von Depression und Angststörungen. <i>Verhaltenstherapie</i> , 2020 , 30, 58-67	0.9	
17	Urbanicity, behavior problems and HPA axis regulation in preschoolers.. <i>Psychoneuroendocrinology</i> , 2022 , 137, 105660	5	
16	Oxytocin Receptors and Neurobehavior. <i>Epigenetics and Human Health</i> , 2016 , 209-226		
15	Genes in treatment: Polygenic risk scores for different psychopathologies, neuroticism, educational attainment and IQ and the outcome of two different exposure-based fear treatments. <i>World Journal of Biological Psychiatry</i> , 2021 , 22, 699-712	3.8	
14	The association between childhood maltreatment and empathic perspective taking is moderated by the 5-HTT linked polymorphic region: Another example of differential susceptibility. <i>PLoS ONE</i> , 2019 , 14, e0226737		

- 13 The association between childhood maltreatment and empathic perspective taking is moderated by the 5-HTT linked polymorphic region: Another example of differential susceptibility **2019**, 14, e0226737
- 12 The association between childhood maltreatment and empathic perspective taking is moderated by the 5-HTT linked polymorphic region: Another example of differential susceptibility **2019**, 14, e0226737
- 11 The association between childhood maltreatment and empathic perspective taking is moderated by the 5-HTT linked polymorphic region: Another example of differential susceptibility **2019**, 14, e0226737
- 10 The association between childhood maltreatment and empathic perspective taking is moderated by the 5-HTT linked polymorphic region: Another example of differential susceptibility **2019**, 14, e0226737
- 9 The association between childhood maltreatment and empathic perspective taking is moderated by the 5-HTT linked polymorphic region: Another example of differential susceptibility **2019**, 14, e0226737
- 8 Highs and lows: Genetic susceptibility to daily events **2020**, 15, e0237001
- 7 Highs and lows: Genetic susceptibility to daily events **2020**, 15, e0237001
- 6 Highs and lows: Genetic susceptibility to daily events **2020**, 15, e0237001
- 5 Highs and lows: Genetic susceptibility to daily events **2020**, 15, e0237001
- 4 Highs and lows: Genetic susceptibility to daily events **2020**, 15, e0237001
- 3 Highs and lows: Genetic susceptibility to daily events **2020**, 15, e0237001
- 2 Highs and lows: Genetic susceptibility to daily events **2020**, 15, e0237001
- 1 Highs and lows: Genetic susceptibility to daily events **2020**, 15, e0237001