

# Robert Kumsta

## List of Publications by Year in Descending Order

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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 | Urbanicity, behavior problems and HPA axis regulation in preschoolers.. <i>Psychoneuroendocrinology</i> , <b>2022</b> , 137, 105660  | 5    |           |
| 101 | Polygenic Scores for Cognitive Abilities and Their Association with Different Aspects of General Intelligence-A Deep Phenotyping Approach. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 4145-4156   | 6.2  | 1         |
| 100 | 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> , <b>2021</b> , 124, 89-99                          | 9    | 11        |
| 99  | 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> , <b>2021</b> , 22, 699-712 | 3.8  |           |
| 98  | Polygenic scores for handedness and their association with asymmetries in brain structure. <i>Brain Structure and Function</i> , <b>2021</b> , 1   | 4    | 2         |
| 97  | Prenatal exposure to endocrine disrupting chemicals is associated with altered DNA methylation in cord blood. <i>Epigenetics</i> , <b>2021</b> , 1-18  | 5.7  | 2         |
| 96  | 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> , <b>2020</b> , 116, 104653   | 5    | 0         |
| 95  | Oxytocin and the stress buffering effect of social company: a genetic study in daily life. <i>Social Cognitive and Affective Neuroscience</i> , <b>2020</b> , 15, 293-301  | 4    | 5         |
| 94  | Genetik und Epigenetik in der Psychotherapie von Depression und Angststörungen. <i>Verhaltenstherapie</i> , <b>2020</b> , 30, 58-67  | 0.9  |           |
| 93  | Exploring hair steroid concentrations in asylum seekers, internally displaced refugees, and immigrants. <i>Stress</i> , <b>2020</b> , 23, 538-545  | 3    | 8         |
| 92  | Stress genomics revisited: gene co-expression analysis identifies molecular signatures associated with childhood adversity. <i>Translational Psychiatry</i> , <b>2020</b> , 10, 34   | 8.6  | 9         |
| 91  | 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> , <b>2020</b> , 61, 1043-1053                            | 7.9  | 11        |
| 90  | Angiotensin involvement in trauma processing-exploring candidate neurocognitive mechanisms of preventing post-traumatic stress symptoms. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 507-514  | 8.7  | 4         |
| 89  | 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> , <b>2020</b> , 117, 641-649             | 11.5 | 78        |
| 88  | Targeted bisulfite sequencing: A novel tool for the assessment of DNA methylation with high sensitivity and increased coverage. <i>Psychoneuroendocrinology</i> , <b>2020</b> , 120, 104784  | 5    | 4         |
| 87  | The role of the 5-HTTLPR polymorphism in acquired capability for suicide. <i>Suicide and Life-Threatening Behavior</i> , <b>2020</b> , 50, 1121-1126   | 3.9  | 1         |
| 86  | Highs and lows: Genetic susceptibility to daily events. <i>PLoS ONE</i> , <b>2020</b> , 15, e0237001   | 3.7  | 4         |

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|----|---|------|----|
| 85 | Event-related functional MRI of awake behaving pigeons at 7T. <i>Nature Communications</i> , <b>2020</b> , 11, 4715   | 17.4 | 7  |
| 84 | 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> , <b>2020</b> , 32, 631-640 | 4.3  | 1  |
| 83 | Highs and lows: Genetic susceptibility to daily events <b>2020</b> , 15, e0237001   |      |    |
| 82 | Highs and lows: Genetic susceptibility to daily events <b>2020</b> , 15, e0237001   |      |    |
| 81 | Highs and lows: Genetic susceptibility to daily events <b>2020</b> , 15, e0237001   |      |    |
| 80 | Highs and lows: Genetic susceptibility to daily events <b>2020</b> , 15, e0237001   |      |    |
| 79 | Highs and lows: Genetic susceptibility to daily events <b>2020</b> , 15, e0237001   |      |    |
| 78 | Highs and lows: Genetic susceptibility to daily events <b>2020</b> , 15, e0237001   |      |    |
| 77 | Highs and lows: Genetic susceptibility to daily events <b>2020</b> , 15, e0237001   |      |    |
| 76 | Highs and lows: Genetic susceptibility to daily events <b>2020</b> , 15, e0237001   |      |    |
| 75 | Cortisol modulates the engagement of multiple memory systems: Exploration of a common NR3C2 polymorphism. <i>Psychoneuroendocrinology</i> , <b>2019</b> , 107, 133-140  | 5    | 4  |
| 74 | DNA methylation of dopamine-related gene promoters is associated with line bisection deviation in healthy adults. <i>Scientific Reports</i> , <b>2019</b> , 9, 5902   | 4.9  | 4  |
| 73 | The role of epigenetics for understanding mental health difficulties and its implications for psychotherapy research. <i>Psychology and Psychotherapy: Theory, Research and Practice</i> , <b>2019</b> , 92, 190-207  | 3.5  | 23 |
| 72 | Cortisol awakening response in children and adolescents with autism spectrum disorder: a systematic review and meta-analysis. <i>Evidence-Based Mental Health</i> , <b>2019</b> , 22, 118-124   | 11.1 | 5  |
| 71 | Schizotypy and altered hemispheric asymmetries: The role of cilia genes. <i>Psychiatry Research - Neuroimaging</i> , <b>2019</b> , 294, 110991  | 2.9  | 3  |
| 70 | 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> , <b>2019</b> , 14, e0226737  | 3.7  | 6  |
| 69 | Oxytocin administration and emotion recognition abilities in adults with a history of childhood adversity. <i>Psychoneuroendocrinology</i> , <b>2019</b> , 99, 66-71  | 5    | 17 |
| 68 | 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> , <b>2019</b> , 102, 63-67   | 5    | 9  |

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| 67 | Genetic variation of the mineralocorticoid receptor gene (MR, NR3C2) is associated with a conceptual endophenotype of "CRF-hypoactivity". <i>Psychoneuroendocrinology</i> , <b>2019</b> , 105, 79-85   | 5   | 7   |
| 66 | The association between childhood maltreatment and empathic perspective taking is moderated by the 5-HTT linked polymorphic region: Another example of differential susceptibility <b>2019</b> , 14, e0226737                                |     |     |
| 65 | The association between childhood maltreatment and empathic perspective taking is moderated by the 5-HTT linked polymorphic region: Another example of differential susceptibility <b>2019</b> , 14, e0226737                                |     |     |
| 64 | The association between childhood maltreatment and empathic perspective taking is moderated by the 5-HTT linked polymorphic region: Another example of differential susceptibility <b>2019</b> , 14, e0226737                                |     |     |
| 63 | The association between childhood maltreatment and empathic perspective taking is moderated by the 5-HTT linked polymorphic region: Another example of differential susceptibility <b>2019</b> , 14, e0226737                                |     |     |
| 62 | The association between childhood maltreatment and empathic perspective taking is moderated by the 5-HTT linked polymorphic region: Another example of differential susceptibility <b>2019</b> , 14, e0226737                                |     |     |
| 61 | The association between childhood maltreatment and empathic perspective taking is moderated by the 5-HTT linked polymorphic region: Another example of differential susceptibility <b>2019</b> , 14, e0226737                                |     |     |
| 60 | 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> , <b>2018</b> , 87, 95-104                      | 9.4 | 10  |
| 59 | KIAA0319 promoter DNA methylation predicts dichotic listening performance in forced-attention conditions. <i>Behavioural Brain Research</i> , <b>2018</b> , 337, 1-7   | 3.4 | 15  |
| 58 | DNA methylation in candidate genes for handedness predicts handedness direction. <i>Laterality</i> , <b>2018</b> , 23, 441-461   | 2   | 17  |
| 57 | 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> , <b>2018</b> , 107, 117-126  | 5.2 | 7   |
| 56 | 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> , <b>2018</b> , 9, 359 | 5   | 17  |
| 55 | Exploring Mental Health Status and Syndrome Patterns Among Young Refugee Children in Germany. <i>Frontiers in Psychiatry</i> , <b>2018</b> , 9, 212  | 5   | 25  |
| 54 | Cell-free DNA release under psychosocial and physical stress conditions. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 236  | 8.6 | 65  |
| 53 | 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> , <b>2017</b> , 389, 1539-1548          | 40  | 188 |
| 52 | Poverty, early care, and stress reactivity in adolescence: Findings from a prospective, longitudinal study in South Africa. <i>Development and Psychopathology</i> , <b>2017</b> , 29, 449-464   | 4.3 | 21  |
| 51 | Sex-specific association between functional neuropeptide S receptor gene (NPSR1) variants and cortisol and central stress responses. <i>Psychoneuroendocrinology</i> , <b>2017</b> , 76, 49-56   | 5   | 13  |
| 50 | HPA axis dysregulation in adult adoptees twenty years after severe institutional deprivation in childhood. <i>Psychoneuroendocrinology</i> , <b>2017</b> , 86, 196-202   | 5   | 42  |

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| 49 | 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> , <b>2017</b> , 211, 289-295  | 5.4  | 14  |
| 48 | Testosterone and androgen receptor gene polymorphism are associated with confidence and competitiveness in men. <i>Hormones and Behavior</i> , <b>2017</b> , 92, 93-102   | 3.7  | 27  |
| 47 | The Genetics of Asymmetry: Whole Exome Sequencing in a Consanguineous Turkish Family with an Overrepresentation of Left-Handedness. <i>Symmetry</i> , <b>2017</b> , 9, 66   | 2.7  | 2   |
| 46 | 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> , <b>2017</b> , 14, e1002237  | 11.6 | 14  |
| 45 | Epigenetic regulation of lateralized fetal spinal gene expression underlies hemispheric asymmetries. <i>ELife</i> , <b>2017</b> , 6,  | 8.9  | 73  |
| 44 | Enhanced startle responsivity 24 hours after acute stress exposure. <i>Behavioral Neuroscience</i> , <b>2016</b> , 130, 521-530   | 2.1  | 6   |
| 43 | 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> , <b>2016</b> , 6, e830  | 8.6  | 41  |
| 42 | Oxytocin receptor gene polymorphism modulates the effects of social support on heart rate variability. <i>Biological Psychology</i> , <b>2016</b> , 117, 43-49  | 3.2  | 17  |
| 41 | Oxytocin Receptors and Neurobehavior. <i>Epigenetics and Human Health</i> , <b>2016</b> , 209-226   |      |     |
| 40 | Altered Stress-Induced Regulation of Genes in Monocytes in Adults with a History of Childhood Adversity. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 2530-40   | 8.7  | 63  |
| 39 | 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> , <b>2016</b> , 57, 1113-25 | 7.9  | 49  |
| 38 | Stress and Depression: a Crucial Role of the Mineralocorticoid Receptor. <i>Journal of Neuroendocrinology</i> , <b>2016</b> , 28,   | 3.8  | 103 |
| 37 | Sex modulates the interaction between neuropeptide S gene variants and endocrine and central stress responses. <i>Psychoneuroendocrinology</i> , <b>2015</b> , 61, 59   | 5    | 2   |
| 36 | Genetic modulation of oxytocin sensitivity: a pharmacogenetic approach. <i>Translational Psychiatry</i> , <b>2015</b> , 5, e664   | 8.6  | 41  |
| 35 | Psychological Consequences of Early Global Deprivation. <i>European Psychologist</i> , <b>2015</b> , 20, 138-151  | 4.4  | 34  |
| 34 | Neuropeptide S receptor gene is associated with cortisol responses to social stress in humans. <i>Biological Psychology</i> , <b>2013</b> , 93, 304-7   | 3.2  | 38  |
| 33 | Oxytocin, stress and social behavior: neurogenetics of the human oxytocin system. <i>Current Opinion in Neurobiology</i> , <b>2013</b> , 23, 11-6   | 7.6  | 183 |
| 32 | Epigenetic regulation of the oxytocin receptor gene: implications for behavioral neuroscience. <i>Frontiers in Neuroscience</i> , <b>2013</b> , 7, 83   | 5.1  | 124 |

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|----|---|------|-----|
| 31 | 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> , <b>2012</b> , 51, 762-70   | 7.2  | 57  |
| 30 | Adolescent callous-unemotional traits and conduct disorder in adoptees exposed to severe early deprivation. <i>British Journal of Psychiatry</i> , <b>2012</b> , 200, 197-201   | 5.4  | 47  |
| 29 | A functional variant of the serotonin transporter gene (SLC6A4) moderates impulsive choice in attention-deficit/hyperactivity disorder boys and siblings. <i>Biological Psychiatry</i> , <b>2011</b> , 70, 230-6  | 7.9  | 38  |
| 28 | Transcriptional control of the human glucocorticoid receptor: identification and analysis of alternative promoter regions. <i>Human Genetics</i> , <b>2011</b> , 129, 533-43  | 6.3  | 46  |
| 27 | 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> , <b>2011</b> , 108, E45; author reply E46   | 11.5 | 20  |
| 26 | 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> , <b>2011</b> , 108, E513-8  | 11.5 | 279 |
| 25 | 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> , <b>2011</b> , 108, 19937-42  | 11.5 | 201 |
| 24 | 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> , <b>2010</b> , 51, 755-62  | 7.9  | 67  |
| 23 | Working memory performance is associated with common glucocorticoid receptor gene polymorphisms. <i>Neuropsychobiology</i> , <b>2010</b> , 61, 49-56  | 4    | 10  |
| 22 | Functional mineralocorticoid receptor (MR) gene variation influences the cortisol awakening response after dexamethasone. <i>Psychoneuroendocrinology</i> , <b>2010</b> , 35, 339-49  | 5    | 70  |
| 21 | III. Deprivation-specific psychological patterns. <i>Monographs of the Society for Research in Child Development</i> , <b>2010</b> , 75, 48-78  | 6.6  | 55  |
| 20 | 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> , <b>2010</b> , 75, 79-101                                      | 6.6  | 59  |
| 19 | IX. Risk, causation, mediation, and moderation. <i>Monographs of the Society for Research in Child Development</i> , <b>2010</b> , 75, 187-211  | 6.6  | 16  |
| 18 | Functional analysis of a potassium-chloride co-transporter 3 (SLC12A6) promoter polymorphism leading to an additional DNA methylation site. <i>Neuropsychopharmacology</i> , <b>2009</b> , 34, 458-67   | 8.7  | 31  |
| 17 | Sex-specific association between the 5-HTT gene-linked polymorphic region and basal cortisol secretion. <i>Psychoneuroendocrinology</i> , <b>2009</b> , 34, 972-82  | 5    | 84  |
| 16 | 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> , <b>2009</b> , 150B, 476-82 | 3.5  | 40  |
| 15 | 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> , <b>2009</b> , 150B, 753-61       | 3.5  | 65  |
| 14 | Parents' evaluation of adoption success: a follow-up study of intercountry and domestic adoptions. <i>American Journal of Orthopsychiatry</i> , <b>2009</b> , 79, 522-31  | 2.8  | 10  |

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|----|--|------|-----|
| 13 | Prenatal exposure to maternal psychosocial stress and HPA axis regulation in young adults. <i>Hormones and Behavior</i> , <b>2009</b> , 55, 292-8  | 3.7  | 200 |
| 12 | Prenatal psychosocial stress exposure is associated with subsequent working memory performance in young women. <i>Behavioral Neuroscience</i> , <b>2009</b> , 123, 886-93  | 2.1  | 65  |
| 11 | Glucocorticoid receptor gene polymorphisms and glucocorticoid sensitivity of subdermal blood vessels and leukocytes. <i>Biological Psychology</i> , <b>2008</b> , 79, 179-84                                     | 3.2  | 31  |
| 10 | G72 and its association with major depression and neuroticism in large population-based groups from Germany. <i>American Journal of Psychiatry</i> , <b>2008</b> , 165, 753-62                                   | 11.9 | 45  |
| 9  | Covariance between psychological and endocrine responses to pharmacological challenge and psychosocial stress: a question of timing. <i>Psychosomatic Medicine</i> , <b>2008</b> , 70, 787-96                    | 3.7  | 149 |
| 8  | Influence of prenatal psychosocial stress on cytokine production in adult women. <i>Developmental Psychobiology</i> , <b>2008</b> , 50, 579-87   | 3    | 95  |
| 7  | Prenatal psychosocial stress exposure is associated with insulin resistance in young adults. <i>American Journal of Obstetrics and Gynecology</i> , <b>2008</b> , 199, 498.e1-7                                  | 6.4  | 98  |
| 6  | 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> , <b>2007</b> , 8, 262-8                     | 3.8  | 44  |
| 5  | Sex specific associations between common glucocorticoid receptor gene variants and hypothalamus-pituitary-adrenal axis responses to psychosocial stress. <i>Biological Psychiatry</i> , <b>2007</b> , 62, 863-9  | 7.9  | 155 |
| 4  | Cortisol and ACTH responses to psychosocial stress are modulated by corticosteroid binding globulin levels. <i>Psychoneuroendocrinology</i> , <b>2007</b> , 32, 1153-7   | 5    | 69  |
| 3  | Common polymorphisms in the glucocorticoid receptor gene are associated with adrenocortical responses to psychosocial stress. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 565-73 | 5.6  | 281 |
| 2  | Free cortisol awakening responses are influenced by awakening time. <i>Psychoneuroendocrinology</i> , <b>2004</b> , 29, 174-84   | 5    | 140 |
| 1  | A psychobiological perspective on genetic determinants of hypothalamus-pituitary-adrenal axis activity. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1032, 52-62                            | 6.5  | 70  |