

# Saskia Bj Bj Koch

## List of Publications by Year in Descending Order

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**Version:** 2024-04-09

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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.

50 papers	1,540 citations	21 h-index	39 g-index
63 ext. papers	2,061 ext. citations	5 avg, IF	4.67 L-index

#	Paper	IF	Citations
50	Acute-stress-induced change in salience network coupling prospectively predicts post-trauma symptom development.. <i>Translational Psychiatry</i> , <b>2022</b> , 12, 63	8.6	1
49	Remodeling of the Cortical Structural Connectome in Posttraumatic Stress Disorder: Results from the ENIGMA-PGC PTSD Consortium.. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2022</b> ,	3.4	1
48	Cortical volume abnormalities in posttraumatic stress disorder: an ENIGMA-psychiatric genomics consortium PTSD workgroup mega-analysis. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 4331-4343	15.1	8
47	Altered white matter microstructural organization in posttraumatic stress disorder across 3047 adults: results from the PGC-ENIGMA PTSD consortium. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 4315-4330	15.1	33
46	Larger dentate gyrus volume as predisposing resilience factor for the development of trauma-related symptoms. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 1283-1292	8.7	6
45	Individual differences in costly fearful avoidance and the relation to psychophysiology. <i>Behaviour Research and Therapy</i> , <b>2021</b> , 137, 103788	5.2	3
44	Anterior prefrontal brain activity during emotion control predicts resilience to post-traumatic stress symptoms. <i>Nature Human Behaviour</i> , <b>2021</b> , 5, 1055-1064	12.8	7
43	Human defensive freezing: Associations with hair cortisol and trait anxiety. <i>Psychoneuroendocrinology</i> , <b>2021</b> , 133, 105417	5	2
42	Assessment of brain age in posttraumatic stress disorder: Findings from the ENIGMA PTSD and brain age working groups.. <i>Brain and Behavior</i> , <b>2021</b> , e2413	3.4	3
41	Early posttraumatic autonomic and endocrine markers to predict posttraumatic stress symptoms after a preventive intervention with oxytocin. <i>Hogre Utbildning</i> , <b>2020</b> , 11, 1761622	5	4
40	Neural Control of Emotional Actions in Response to Affective Vocalizations. <i>Journal of Cognitive Neuroscience</i> , <b>2020</b> , 32, 977-988	3.1	2
39	The role of the dentate gyrus in stress-related disorders. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 1361-1363	15.1	5
38	Discriminating stress from rest based on resting-state connectivity of the human brain: A supervised machine learning study. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 3089-3099	5.9	9
37	Patterns of Recovery From Early Posttraumatic Stress Symptoms After a Preventive Intervention With Oxytocin: Hormonal Contraception Use Is a Prognostic Factor. <i>Biological Psychiatry</i> , <b>2019</b> , 85, e71-e79	7.9	5
36	Acute stress alters the default brain processing. <i>NeuroImage</i> , <b>2019</b> , 189, 870-877	7.9	34
35	Associations Among Hair Cortisol Concentrations, Posttraumatic Stress Disorder Status, and Amygdala Reactivity to Negative Affective Stimuli in Female Police Officers. <i>Journal of Traumatic Stress</i> , <b>2019</b> , 32, 238-248	3.8	10
34	Neural Dynamics of Shooting Decisions and the Switch from Freeze to Fight. <i>Scientific Reports</i> , <b>2019</b> , 9, 4240	4.9	32

33	Frontal Control Over Automatic Emotional Action Tendencies Predicts Acute Stress Responsivity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2019</b> , 4, 975-983	3.4	8
32	High Endogenous Testosterone Levels Are Associated With Diminished Neural Emotional Control in Aggressive Police Recruits. <i>Psychological Science</i> , <b>2019</b> , 30, 1161-1173	7.9	10
31	Effects of intranasal oxytocin on distraction as emotion regulation strategy in patients with post-traumatic stress disorder. <i>European Neuropsychopharmacology</i> , <b>2019</b> , 29, 266-277	1.2	22
30	Oxytocin receptor gene methylation in male and female PTSD patients and trauma-exposed controls. <i>European Neuropsychopharmacology</i> , <b>2019</b> , 29, 147-155	1.2	11
29	Genetic variant in CACNA1C is associated with PTSD in traumatized police officers. <i>European Journal of Human Genetics</i> , <b>2018</b> , 26, 247-257	5.3	16
28	Smaller Hippocampal Volume in Posttraumatic Stress Disorder: A Multisite ENIGMA-PGC Study: Subcortical Volumetry Results From Posttraumatic Stress Disorder Consortia. <i>Biological Psychiatry</i> , <b>2018</b> , 83, 244-253	7.9	192
27	Endogenous testosterone modulates aggression-related fronto-amygdalar activation in police recruits. <i>European Neuropsychopharmacology</i> , <b>2018</b> , 28, S22	1.2	
26	Emotional control, reappraised. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2018</b> , 95, 528-534	9	26
25	Intranasal Oxytocin to Prevent Posttraumatic Stress Disorder Symptoms: A Randomized Controlled Trial in Emergency Department Patients. <i>Biological Psychiatry</i> , <b>2017</b> , 81, 1030-1040	7.9	85
24	Decreased uncinate fasciculus tract integrity in male and female patients with PTSD: a diffusion tensor imaging study. <i>Journal of Psychiatry and Neuroscience</i> , <b>2017</b> , 42, 331-342	4.5	35
23	Intranasal oxytocin increases neural responses to social reward in post-traumatic stress disorder. <i>Social Cognitive and Affective Neuroscience</i> , <b>2017</b> , 12, 212-223	4	39
22	Sex-dependent differences in oxytocin receptor gene methylation between posttraumatic stress disorder patients and trauma-exposed healthy controls. <i>European Neuropsychopharmacology</i> , <b>2017</b> , 27, S1015-S1016	1.2	
21	The role of automatic defensive responses in the development of posttraumatic stress symptoms in police recruits: protocol of a prospective study. <i>Høgre Utbildning</i> , <b>2017</b> , 8, 1412226	5	16
20	On the Control of Social Approach-Avoidance Behavior: Neural and Endocrine Mechanisms. <i>Current Topics in Behavioral Neurosciences</i> , <b>2017</b> , 30, 275-293	3.4	21
19	ABERRANT RESTING-STATE BRAIN ACTIVITY IN POSTTRAUMATIC STRESS DISORDER: A META-ANALYSIS AND SYSTEMATIC REVIEW. <i>Depression and Anxiety</i> , <b>2016</b> , 33, 592-605	8.4	158
18	Intranasal oxytocin enhances neural processing of monetary reward and loss in post-traumatic stress disorder and traumatized controls. <i>Psychoneuroendocrinology</i> , <b>2016</b> , 66, 228-37	5	40
17	Effects of intranasal oxytocin on amygdala reactivity to emotional faces in recently trauma-exposed individuals. <i>Social Cognitive and Affective Neuroscience</i> , <b>2016</b> , 11, 327-36	4	34
16	Intranasal Oxytocin Normalizes Amygdala Functional Connectivity in Posttraumatic Stress Disorder. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 2041-51	8.7	85

15	Intranasal Oxytocin Affects Amygdala Functional Connectivity after Trauma Script-Driven Imagery in Distressed Recently Trauma-Exposed Individuals. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 1286-96	8.7	39
14	Intranasal Oxytocin Administration Dampens Amygdala Reactivity towards Emotional Faces in Male and Female PTSD Patients. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 1495-504	8.7	57
13	P.4.b.006 Intranasal oxytocin attenuates amygdala functional connectivity after a trauma reminder in recently trauma-exposed individuals. <i>European Neuropsychopharmacology</i> , <b>2015</b> , 25, S560	1.2	1
12	P.1.g.055 Intranasal oxytocin dampens amygdala reactivity and normalises amygdala connectivity in PTSD patients. <i>European Neuropsychopharmacology</i> , <b>2015</b> , 25, S266-S267	1.2	3
11	Salivary Oxytocin and Vasopressin Levels in Police Officers With and Without Post-Traumatic Stress Disorder. <i>Journal of Neuroendocrinology</i> , <b>2015</b> , 27, 743-51	3.8	44
10	Reward functioning in PTSD: a systematic review exploring the mechanisms underlying anhedonia. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2015</b> , 51, 189-204	9	142
9	P.4.b.026 Intranasal oxytocin modulates neural processing of emotional faces in recently traumatised individuals at increased risk for PTSD. <i>European Neuropsychopharmacology</i> , <b>2014</b> , 24, S602	1.2	1
8	Functionally connected brain regions in the network activated during capsaicin inhalation. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 5341-55	5.9	13
7	Intranasal oxytocin as strategy for medication-enhanced psychotherapy of PTSD: salience processing and fear inhibition processes. <i>Psychoneuroendocrinology</i> , <b>2014</b> , 40, 242-56	5	87
6	Social support, oxytocin, and PTSD. <i>Högre Utbildning</i> , <b>2014</b> , 5, 26513	5	27
5	Efficacy of oxytocin administration early after psychotrauma in preventing the development of PTSD: study protocol of a randomized controlled trial. <i>BMC Psychiatry</i> , <b>2014</b> , 14, 92	4.2	38
4	Anterior prefrontal cortex inhibition impairs control over social emotional actions. <i>Current Biology</i> , <b>2011</b> , 21, 1766-70	6.3	102
3	Human defensive freezing is associated with acute threat coping, long term hair cortisol levels and trait anxiety		3
2	Altered White Matter Microstructural Organization in Post-Traumatic Stress Disorder across 3,049 Adults: Results from the PGC-ENIGMA PTSD Consortium		4
1	Hippocampal subfield volumes are uniquely affected in PTSD and depression: International analysis of 31 cohorts from the PGC-ENIGMA PTSD Working Group		2