Saskia Bj Bj Koch

List of Publications by Citations

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	Smaller Hippocampal Volume in Posttraumatic Stress Disorder: A Multisite ENIGMA-PGC Study: Subcortical Volumetry Results From Posttraumatic Stress Disorder Consortia. *Biological Psychiatry*, **2018**, 83, 244-253	7.9	192
49	ABERRANT RESTING-STATE BRAIN ACTIVITY IN POSTTRAUMATIC STRESS DISORDER: A META-ANALYSIS AND SYSTEMATIC REVIEW. *Depression and Anxiety*, **2016**, 33, 592-605	8.4	158
48	Reward functioning in PTSD: a systematic review exploring the mechanisms underlying anhedonia. *Neuroscience and Biobehavioral Reviews*, **2015**, 51, 189-204	9	142
47	Anterior prefrontal cortex inhibition impairs control over social emotional actions. *Current Biology*, **2011**, 21, 1766-70	6.3	102
46	Intranasal oxytocin as strategy for medication-enhanced psychotherapy of PTSD: salience processing and fear inhibition processes. *Psychoneuroendocrinology*, **2014**, 40, 242-56	5	87
45	Intranasal Oxytocin to Prevent Posttraumatic Stress Disorder Symptoms: A Randomized Controlled Trial in Emergency Department Patients. *Biological Psychiatry*, **2017**, 81, 1030-1040	7.9	85
44	Intranasal Oxytocin Normalizes Amygdala Functional Connectivity in Posttraumatic Stress Disorder. *Neuropsychopharmacology*, **2016**, 41, 2041-51	8.7	85
43	Intranasal Oxytocin Administration Dampens Amygdala Reactivity towards Emotional Faces in Male and Female PTSD Patients. *Neuropsychopharmacology*, **2016**, 41, 1495-504	8.7	57
42	Salivary Oxytocin and Vasopressin Levels in Police Officers With and Without Post-Traumatic Stress Disorder. *Journal of Neuroendocrinology*, **2015**, 27, 743-51	3.8	44
41	Intranasal oxytocin enhances neural processing of monetary reward and loss in post-traumatic stress disorder and traumatized controls. *Psychoneuroendocrinology*, **2016**, 66, 228-37	5	40
40	Intranasal Oxytocin Affects Amygdala Functional Connectivity after Trauma Script-Driven Imagery in Distressed Recently Trauma-Exposed Individuals. *Neuropsychopharmacology*, **2016**, 41, 1286-96	8.7	39
39	Intranasal oxytocin increases neural responses to social reward in post-traumatic stress disorder. *Social Cognitive and Affective Neuroscience*, **2017**, 12, 212-223	4	39
38	Efficacy of oxytocin administration early after psychotrauma in preventing the development of PTSD: study protocol of a randomized controlled trial. *BMC Psychiatry*, **2014**, 14, 92	4.2	38
37	Decreased uncinate fasciculus tract integrity in male and female patients with PTSD: a diffusion tensor imaging study. *Journal of Psychiatry and Neuroscience*, **2017**, 42, 331-342	4.5	35
36	Acute stress alters the ⊠default⊠brain processing. *NeuroImage*, **2019**, 189, 870-877	7.9	34
35	Effects of intranasal oxytocin on amygdala reactivity to emotional faces in recently trauma-exposed individuals. *Social Cognitive and Affective Neuroscience*, **2016**, 11, 327-36	4	34
34	Altered white matter microstructural organization in posttraumatic stress disorder across 3047 adults: results from the PGC-ENIGMA PTSD consortium. *Molecular Psychiatry*, **2021**, 26, 4315-4330	15.1	33

33	Neural Dynamics of Shooting Decisions and the Switch from Freeze to Fight. *Scientific Reports*, **2019**, 9, 4240	4.9	32
32	Social support, oxytocin, and PTSD. *Högre Utbildning*, **2014**, 5, 26513	5	27
31	Emotional control, reappraised. *Neuroscience and Biobehavioral Reviews*, **2018**, 95, 528-534	9	26
30	Effects of intranasal oxytocin on distraction as emotion regulation strategy in patients with post-traumatic stress disorder. *European Neuropsychopharmacology*, **2019**, 29, 266-277	1.2	22
29	On the Control of Social Approach-Avoidance Behavior: Neural and Endocrine Mechanisms. *Current Topics in Behavioral Neurosciences*, **2017**, 30, 275-293	3.4	21
28	Genetic variant in CACNA1C is associated with PTSD in traumatized police officers. *European Journal of Human Genetics*, **2018**, 26, 247-257	5.3	16
27	The role of automatic defensive responses in the development of posttraumatic stress symptoms in police recruits: protocol of a prospective study. *Högre Utbildning*, **2017**, 8, 1412226	5	16
26	Functionally connected brain regions in the network activated during capsaicin inhalation. *Human Brain Mapping*, **2014**, 35, 5341-55	5.9	13
25	Oxytocin receptor gene methylation in male and female PTSD patients and trauma-exposed controls. *European Neuropsychopharmacology*, **2019**, 29, 147-155	1.2	11
24	Associations Among Hair Cortisol Concentrations, Posttraumatic Stress Disorder Status, and Amygdala Reactivity to Negative Affective Stimuli in Female Police Officers. *Journal of Traumatic Stress*, **2019**, 32, 238-248	3.8	10
23	High Endogenous Testosterone Levels Are Associated With Diminished Neural Emotional Control in Aggressive Police Recruits. *Psychological Science*, **2019**, 30, 1161-1173	7.9	10
22	Discriminating stress from rest based on resting-state connectivity of the human brain: A supervised machine learning study. *Human Brain Mapping*, **2020**, 41, 3089-3099	5.9	9
21	Cortical volume abnormalities in posttraumatic stress disorder: an ENIGMA-psychiatric genomics consortium PTSD workgroup mega-analysis. *Molecular Psychiatry*, **2021**, 26, 4331-4343	15.1	8
20	Frontal Control Over Automatic Emotional Action Tendencies Predicts Acute Stress Responsivity. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2019**, 4, 975-983	3.4	8
19	Anterior prefrontal brain activity during emotion control predicts resilience to post-traumatic stress symptoms. *Nature Human Behaviour*, **2021**, 5, 1055-1064	12.8	7
18	Larger dentate gyrus volume as predisposing resilience factor for the development of trauma-related symptoms. *Neuropsychopharmacology*, **2021**, 46, 1283-1292	8.7	6
17	Patterns of Recovery From Early Posttraumatic Stress Symptoms After a Preventive Intervention With Oxytocin: Hormonal Contraception Use Is a Prognostic Factor. *Biological Psychiatry*, **2019**, 85, e71-e73	7.9	5
16	The role of the dentate gyrus in stress-related disorders. *Molecular Psychiatry*, **2020**, 25, 1361-1363	15.1	5

15	Early posttraumatic autonomic and endocrine markers to predict posttraumatic stress symptoms after a preventive intervention with oxytocin. *Högre Utbildning*, **2020**, 11, 1761622	5	4
14	Altered White Matter Microstructural Organization in Post-Traumatic Stress Disorder across 3,049 Adults: Results from the PGC-ENIGMA PTSD Consortium		4
13	P.1.g.055 Intranasal oxytocin dampens amygdala reactivity and normalises amygdala connectivity in PTSD patients. *European Neuropsychopharmacology*, **2015**, 25, S266-S267	1.2	3
12	Human defensive freezing is associated with acute threat coping, long term hair cortisol levels and trait anxiety		3
11	Individual differences in costly fearful avoidance and the relation to psychophysiology. *Behaviour Research and Therapy*, **2021**, 137, 103788	5.2	3
10	Assessment of brain age in posttraumatic stress disorder: Findings from the ENIGMA PTSD and brain age working groups.. *Brain and Behavior*, **2021**, e2413	3.4	3
9	Neural Control of Emotional Actions in Response to Affective Vocalizations. *Journal of Cognitive Neuroscience*, **2020**, 32, 977-988	3.1	2
8	Hippocampal subfield volumes are uniquely affected in PTSD and depression: International analysis of 31 cohorts from the PGC-ENIGMA PTSD Working Group		2
7	Human defensive freezing: Associations with hair cortisol and trait anxiety. *Psychoneuroendocrinology*, **2021**, 133, 105417	5	2
6	P.4.b.006 Intranasal oxytocin attenuates amygdala functional connectivity after a trauma reminder in recently trauma-exposed individuals. *European Neuropsychopharmacology*, **2015**, 25, S560	1.2	1
5	P.4.b.026 Intranasal oxytocin modulates neural processing of emotional faces in recently traumatised individuals at increased risk for PTSD. *European Neuropsychopharmacology*, **2014**, 24, S602	1.2	1
4	Acute-stress-induced change in salience network coupling prospectively predicts post-trauma symptom development.. *Translational Psychiatry*, **2022**, 12, 63	8.6	1
3	Remodeling of the Cortical Structural Connectome in Posttraumatic Stress Disorder: Results from the ENIGMA-PGC PTSD Consortium.. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2022**,	3.4	1
2	Endogenous testosterone modulates aggression-related fronto-amygdalar activation in police recruits. *European Neuropsychopharmacology*, **2018**, 28, S22	1.2	
1	Sex-dependent differences in oxytocin receptor gene methylation between posttraumatic stress disorder patients and trauma-exposed healthy controls. *European Neuropsychopharmacology*, **2017**, 27, S1015-S1016	1.2	