

Eva Loth

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

5,838
citations

94433

37
h-index

85541

71
g-index

106
all docs

106
docs citations

106
times ranked

9507
citing authors

#	ARTICLE	IF	CITATIONS
1	Alexithymia in autism: cross-sectional and longitudinal associations with social-communication difficulties, anxiety and depression symptoms. <i>Psychological Medicine</i> , 2022, 52, 1458-1470.	4.5	38
2	Interindividual Differences in Cortical Thickness and Their Genomic Underpinnings in Autism Spectrum Disorder. <i>American Journal of Psychiatry</i> , 2022, 179, 242-254.	7.2	28
3	Social attention in anorexia nervosa and autism spectrum disorder: Role of social motivation. <i>Autism</i> , 2022, 26, 1641-1655.	4.1	5
4	Placebo effects and participant heterogeneity in clinical trials of autism spectrum disorder. <i>Lancet Psychiatry</i> , 2022, 9, 184-185.	7.4	2
5	The Synaptic Gene Study: Design and Methodology to Identify Neurocognitive Markers in Phelan-McDermid Syndrome and NRXN1 Deletions. <i>Frontiers in Neuroscience</i> , 2022, 16, 806990.	2.8	2
6	Neurobiological Correlates of Change in Adaptive Behavior in Autism. <i>American Journal of Psychiatry</i> , 2022, 179, 336-349.	7.2	15
7	Resting state EEG power spectrum and functional connectivity in autism: a cross-sectional analysis. <i>Molecular Autism</i> , 2022, 13, 22.	4.9	20
8	Cerebellar Atypicalities in Autism?. <i>Biological Psychiatry</i> , 2022, 92, 674-682.	1.3	20
9	Unique dynamic profiles of social attention in autistic females. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2022, 63, 1602-1614.	5.2	6
10	Qualitative differences in the spatiotemporal brain states supporting configural face processing emerge in adolescence in autism. <i>Cortex</i> , 2022, 155, 13-29.	2.4	1
11	In-depth characterization of neuroradiological findings in a large sample of individuals with autism spectrum disorder and controls. <i>NeuroImage: Clinical</i> , 2022, 35, 103118.	2.7	3
12	Atypical Brain Asymmetry in Autism—A Candidate for Clinically Meaningful Stratification. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 802-812.	1.5	36
13	Temporal Profiles of Social Attention Are Different Across Development in Autistic and Neurotypical People. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 813-824.	1.5	21
14	Atypical Neurogenesis in Induced Pluripotent Stem Cells From Autistic Individuals. <i>Biological Psychiatry</i> , 2021, 89, 486-496.	1.3	40
15	How do core autism traits and associated symptoms relate to quality of life? Findings from the Longitudinal European Autism Project. <i>Autism</i> , 2021, 25, 389-404.	4.1	60
16	Effect Sizes of Deletions and Duplications on Autism Risk Across the Genome. <i>American Journal of Psychiatry</i> , 2021, 178, 87-98.	7.2	50
17	Autism and mood disorders. <i>International Review of Psychiatry</i> , 2021, 33, 280-299.	2.8	18
18	Towards robust and replicable sex differences in the intrinsic brain function of autism. <i>Molecular Autism</i> , 2021, 12, 19.	4.9	40

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19	Are we ready for precision medicine for Autism? And who wants it?. European Neuropsychopharmacology, 2021, 48, 32-33.	0.7	2
20	Neural Biomarkers Distinguish Severe From Mild Autism Spectrum Disorder Among High-Functioning Individuals. Frontiers in Human Neuroscience, 2021, 15, 657857.	2.0	6
21	Imbalanced social-communicative and restricted repetitive behavior subtypes of autism spectrum disorder exhibit different neural circuitry. Communications Biology, 2021, 4, 574.	4.4	17
22	The Monash Autism-ADHD genetics and neurodevelopment (MAGNET) project design and methodologies: a dimensional approach to understanding neurobiological and genetic aetiology. Molecular Autism, 2021, 12, 55.	4.9	6
23	A Phase II Randomized, Double-Blind, Placebo-Controlled Study of the Efficacy, Safety, and Tolerability of Arbaclofen Administered for the Treatment of Social Function in Children and Adolescents With Autism Spectrum Disorders: Study Protocol for AIMS-2-TRIALS-CT1. Frontiers in Psychiatry, 2021, 12, 701729.	2.6	7
24	The meaning of significant mean group differences for biomarker discovery. PLoS Computational Biology, 2021, 17, e1009477.	3.2	26
25	Fractionating autism based on neuroanatomical normative modeling. Translational Psychiatry, 2020, 10, 384.	4.8	40
26	Interferon- β signaling in human iPSC-derived neurons recapitulates neurodevelopmental disorder phenotypes. Science Advances, 2020, 6, eaay9506.	10.3	56
27	Gray matter covariations and core symptoms of autism: the EU-AIMS Longitudinal European Autism Project. Molecular Autism, 2020, 11, 86.	4.9	25
28	Social brain activation during mentalizing in a large autism cohort: the Longitudinal European Autism Project. Molecular Autism, 2020, 11, 17.	4.9	40
29	Emotion Recognition Abilities in Adults with Anorexia Nervosa are Associated with Autistic Traits. Journal of Clinical Medicine, 2020, 9, 1057.	2.4	17
30	Modeling flexible behavior in childhood to adulthood shows age-dependent learning mechanisms and less optimal learning in autism in each age group. PLoS Biology, 2020, 18, e3000908.	5.6	37
31	Title is missing!. , 2020, 18, e3000908.		0
32	Title is missing!. , 2020, 18, e3000908.		0
33	Title is missing!. , 2020, 18, e3000908.		0
34	Title is missing!. , 2020, 18, e3000908.		0
35	Title is missing!. , 2020, 18, e3000908.		0
36	Title is missing!. , 2020, 18, e3000908.		0

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37	The initiation of cannabis use in adolescence is predicted by sex-specific psychosocial and neurobiological features. <i>European Journal of Neuroscience</i> , 2019, 50, 2346-2356.	2.6	32
38	From pattern classification to stratification: towards conceptualizing the heterogeneity of Autism Spectrum Disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 104, 240-254.	6.1	88
39	Low Smoking Exposure, the Adolescent Brain, and the Modulating Role of CHRNA5 Polymorphisms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 672-679.	1.5	15
40	Converting tests of fundamental social, cognitive, and affective processes into clinically useful bio-behavioral markers for neurodevelopmental conditions. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2019, 10, e1499.	2.8	11
41	Investigating the factors underlying adaptive functioning in autism in the EU-AIMS Longitudinal European Autism Project. <i>Autism Research</i> , 2019, 12, 645-657.	3.8	87
42	Patients with autism spectrum disorders display reproducible functional connectivity alterations. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	115
43	Dissecting the Heterogeneous Cortical Anatomy of Autism Spectrum Disorder Using Normative Models. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 567-578.	1.5	97
44	Altered Connectivity Between Cerebellum, Visual, and Sensory-Motor Networks in Autism Spectrum Disorder: Results from the EU-AIMS Longitudinal European Autism Project. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 260-270.	1.5	82
45	Measuring and Estimating the Effect Sizes of Copy Number Variants on General Intelligence in Community-Based Samples. <i>JAMA Psychiatry</i> , 2018, 75, 447.	11.0	77
46	Autism spectrum disorder: Consensus guidelines on assessment, treatment and research from the British Association for Psychopharmacology. <i>Journal of Psychopharmacology</i> , 2018, 32, 3-29.	4.0	196
47	Drug development for neurodevelopmental disorders: lessons learned from fragile X syndrome. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 280-299.	46.4	247
48	EU-AIMS Longitudinal European Autism Project (LEAP): the autism twin cohort. <i>Molecular Autism</i> , 2018, 9, 26.	4.9	17
49	Facial expression recognition as a candidate marker for autism spectrum disorder: how frequent and severe are deficits?. <i>Molecular Autism</i> , 2018, 9, 7.	4.9	75
50	Psychosocial Stress and Brain Function in Adolescent Psychopathology. <i>American Journal of Psychiatry</i> , 2017, 174, 785-794.	7.2	34
51	Neuroanatomy and Neuropathology of Autism Spectrum Disorder in Humans. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2017, 224, 27-48.	1.6	15
52	The EU-AIMS Longitudinal European Autism Project (LEAP): design and methodologies to identify and validate stratification biomarkers for autism spectrum disorders. <i>Molecular Autism</i> , 2017, 8, 24.	4.9	183
53	The EU-AIMS Longitudinal European Autism Project (LEAP): clinical characterisation. <i>Molecular Autism</i> , 2017, 8, 27.	4.9	126
54	Development of Two Dimensional Measures of Restricted and Repetitive Behavior in Parents and Children. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017, 56, 51-58.	0.5	53

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55	Defining Precision Medicine Approaches to Autism Spectrum Disorders: Concepts and Challenges. <i>Frontiers in Psychiatry</i> , 2016, 7, 188.	2.6	67
56	Identification and validation of biomarkers for autism spectrum disorders. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 70-70.	46.4	117
57	Distinct frontal and amygdala correlates of change detection for facial identity and expression. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 225-233.	3.0	7
58	A translational systems biology approach in both animals and humans identifies a functionally related module of accumbal genes involved in the regulation of reward processing and binge drinking in males. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 192-202.	2.4	16
59	Robust regression for large-scale neuroimaging studies. <i>NeuroImage</i> , 2015, 111, 431-441.	4.2	14
60	No differences in ventral striatum responsivity between adolescents with a positive family history of alcoholism and controls. <i>Addiction Biology</i> , 2015, 20, 534-545.	2.6	38
61	Positive Association of Video Game Playing with Left Frontal Cortical Thickness in Adolescents. <i>PLoS ONE</i> , 2014, 9, e91506.	2.5	70
62	Aversive Learning in Adolescents: Modulation by Amygdala-Prefrontal and Amygdala-Hippocampal Connectivity and Neuroticism. <i>Neuropsychopharmacology</i> , 2014, 39, 875-884.	5.4	41
63	Sex Differences in COMT Polymorphism Effects on Prefrontal Inhibitory Control in Adolescence. <i>Neuropsychopharmacology</i> , 2014, 39, 2560-2569.	5.4	53
64	Global Genetic Variations Predict Brain Response to Faces. <i>PLoS Genetics</i> , 2014, 10, e1004523.	3.5	18
65	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	2.1	696
66	New treatment targets for autism spectrum disorders: EU-AIMS. <i>Lancet Psychiatry</i> , 2014, 1, 413-415.	7.4	16
67	Public-Private Partnership: A New Engine for Translational Research in Neurosciences. <i>Neuron</i> , 2014, 84, 533-536.	8.1	8
68	Oxytocin Receptor Genotype Modulates Ventral Striatal Activity to Social Cues and Response to Stressful Life Events. <i>Biological Psychiatry</i> , 2014, 76, 367-376.	1.3	53
69	Neural Mechanisms of Attention-Deficit/Hyperactivity Disorder Symptoms Are Stratified by MAOA Genotype. <i>Biological Psychiatry</i> , 2013, 74, 607-614.	1.3	54
70	The risk variant in <i>ODZ4</i> for bipolar disorder impacts on amygdala activation during reward processing. <i>Bipolar Disorders</i> , 2013, 15, 440-445.	1.9	31
71	Intrinsic gray-matter connectivity of the brain in adults with autism spectrum disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13222-13227.	7.1	99
72	Altered Reward Processing in Adolescents With Prenatal Exposure to Maternal Cigarette Smoking. <i>JAMA Psychiatry</i> , 2013, 70, 847.	11.0	49

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73	Robust Group-Level Inference in Neuroimaging Genetic Studies. , 2013, , .		0
74	FTO, obesity and the adolescent brain. Human Molecular Genetics, 2013, 22, 1050-1058.	2.9	46
75	From gene to brain to behavior: schizophrenia-associated variation in <i>AMBRA1</i> alters impulsivity-related traits. European Journal of Neuroscience, 2013, 38, 2941-2945.	2.6	21
76	A Phenotypic Structure and Neural Correlates of Compulsive Behaviors in Adolescents. PLoS ONE, 2013, 8, e80151.	2.5	39
77	Determinants of Early Alcohol Use In Healthy Adolescents: The Differential Contribution of Neuroimaging and Psychological Factors. Neuropsychopharmacology, 2012, 37, 986-995.	5.4	124
78	<i>RASGRF2</i> regulates alcohol-induced reinforcement by influencing mesolimbic dopamine neuron activity and dopamine release. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21128-21133.	7.1	90
79	Risk Taking and the Adolescent Reward System: A Potential Common Link to Substance Abuse. American Journal of Psychiatry, 2012, 169, 39-46.	7.2	138
80	Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561.	21.4	594
81	Manual dexterity correlating with right lobule VI volume in right-handed 14-year-olds. NeuroImage, 2012, 59, 1615-1621.	4.2	26
82	Very large fMRI study using the IMAGEN database: Sensitivity-specificity and population effect modeling in relation to the underlying anatomy. NeuroImage, 2012, 61, 295-303.	4.2	39
83	A target sample of adolescents and reward processing: same neural and behavioral correlates engaged in common paradigms?. Experimental Brain Research, 2012, 223, 429-439.	1.5	13
84	Adolescent impulsivity phenotypes characterized by distinct brain networks. Nature Neuroscience, 2012, 15, 920-925.	14.8	368
85	Creating probabilistic maps of the face network in the adolescent brain: A multicentre functional MRI study. Human Brain Mapping, 2012, 33, 938-957.	3.6	67
86	The contribution of imaging genetics to the development of predictive markers for addictions. Trends in Cognitive Sciences, 2011, 15, 436-446.	7.8	62
87	Do High-Functioning People with Autism Spectrum Disorder Spontaneously Use Event Knowledge to Selectively Attend to and Remember Context-Relevant Aspects in Scenes?. Journal of Autism and Developmental Disorders, 2011, 41, 945-961.	2.7	43
88	Lower Ventral Striatal Activation During Reward Anticipation in Adolescent Smokers. American Journal of Psychiatry, 2011, 168, 540-549.	7.2	198
89	Variety is Not the Spice of Life for People with Autism Spectrum Disorders: Frequency Ratings of Central, Variable and Inappropriate Aspects of Common Real-life Events. Journal of Autism and Developmental Disorders, 2010, 40, 730-742.	2.7	15
90	When seeing depends on knowing: Adults with Autism Spectrum Conditions show diminished top-down processes in the visual perception of degraded faces but not degraded objects. Neuropsychologia, 2010, 48, 1227-1236.	1.6	47

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91	Event Schemas in Autism Spectrum Disorders: The Role of Theory of Mind and Weak Central Coherence. <i>Journal of Autism and Developmental Disorders</i> , 2008, 38, 449-463.	2.7	52
92	Detecting changes in naturalistic scenes: contextual inconsistency does not influence spontaneous attention in high-functioning people with autism spectrum disorder. <i>Autism Research</i> , 2008, 1, 179-188.	3.8	32
93	“Theory of Mind” and Tracking Speakers’ Intentions. <i>Mind and Language</i> , 2002, 17, 24-36.	2.3	111