

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	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
2	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	21.4	594
3	Adolescent impulsivity phenotypes characterized by distinct brain networks. <i>Nature Neuroscience</i> , 2012, 15, 920-925.	14.8	368
4	Drug development for neurodevelopmental disorders: lessons learned from fragile X syndrome. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 280-299.	46.4	247
5	Lower Ventral Striatal Activation During Reward Anticipation in Adolescent Smokers. <i>American Journal of Psychiatry</i> , 2011, 168, 540-549.	7.2	198
6	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
7	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
8	Risk Taking and the Adolescent Reward System: A Potential Common Link to Substance Abuse. <i>American Journal of Psychiatry</i> , 2012, 169, 39-46.	7.2	138
9	The EU-AIMS Longitudinal European Autism Project (LEAP): clinical characterisation. <i>Molecular Autism</i> , 2017, 8, 27.	4.9	126
10	Determinants of Early Alcohol Use In Healthy Adolescents: The Differential Contribution of Neuroimaging and Psychological Factors. <i>Neuropsychopharmacology</i> , 2012, 37, 986-995.	5.4	124
11	Identification and validation of biomarkers for autism spectrum disorders. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 70-70.	46.4	117
12	Patients with autism spectrum disorders display reproducible functional connectivity alterations. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	115
13	“Theory of Mind” and Tracking Speakers’ Intentions. <i>Mind and Language</i> , 2002, 17, 24-36.	2.3	111
14	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
15	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
16	<i>RASGRF2</i> regulates alcohol-induced reinforcement by influencing mesolimbic dopamine neuron activity and dopamine release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21128-21133.	7.1	90
17	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
18	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

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19	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
20	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
21	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
22	Positive Association of Video Game Playing with Left Frontal Cortical Thickness in Adolescents. <i>PLoS ONE</i> , 2014, 9, e91506.	2.5	70
23	Creating probabilistic maps of the face network in the adolescent brain: A multicentre functional MRI study. <i>Human Brain Mapping</i> , 2012, 33, 938-957.	3.6	67
24	Defining Precision Medicine Approaches to Autism Spectrum Disorders: Concepts and Challenges. <i>Frontiers in Psychiatry</i> , 2016, 7, 188.	2.6	67
25	The contribution of imaging genetics to the development of predictive markers for addictions. <i>Trends in Cognitive Sciences</i> , 2011, 15, 436-446.	7.8	62
26	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
27	Interferon- β signaling in human iPSC-derived neurons recapitulates neurodevelopmental disorder phenotypes. <i>Science Advances</i> , 2020, 6, eaay9506.	10.3	56
28	Neural Mechanisms of Attention-Deficit/Hyperactivity Disorder Symptoms Are Stratified by MAOA Genotype. <i>Biological Psychiatry</i> , 2013, 74, 607-614.	1.3	54
29	Sex Differences in COMT Polymorphism Effects on Prefrontal Inhibitory Control in Adolescence. <i>Neuropsychopharmacology</i> , 2014, 39, 2560-2569.	5.4	53
30	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
31	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
32	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
33	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
34	Altered Reward Processing in Adolescents With Prenatal Exposure to Maternal Cigarette Smoking. <i>JAMA Psychiatry</i> , 2013, 70, 847.	11.0	49
35	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. <i>Neuropsychologia</i> , 2010, 48, 1227-1236.	1.6	47
36	FTO, obesity and the adolescent brain. <i>Human Molecular Genetics</i> , 2013, 22, 1050-1058.	2.9	46

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37	Do High-Functioning People with Autism Spectrum Disorder Spontaneously Use Event Knowledge to Selectively Attend to and Remember Context-Relevant Aspects in Scenes?. <i>Journal of Autism and Developmental Disorders</i> , 2011, 41, 945-961.	2.7	43
38	Aversive Learning in Adolescents: Modulation by Amygdala-Prefrontal and Amygdala-Hippocampal Connectivity and Neuroticism. <i>Neuropsychopharmacology</i> , 2014, 39, 875-884.	5.4	41
39	Fractionating autism based on neuroanatomical normative modeling. <i>Translational Psychiatry</i> , 2020, 10, 384.	4.8	40
40	Social brain activation during mentalizing in a large autism cohort: the Longitudinal European Autism Project. <i>Molecular Autism</i> , 2020, 11, 17.	4.9	40
41	Atypical Neurogenesis in Induced Pluripotent Stem Cells From Autistic Individuals. <i>Biological Psychiatry</i> , 2021, 89, 486-496.	1.3	40
42	Towards robust and replicable sex differences in the intrinsic brain function of autism. <i>Molecular Autism</i> , 2021, 12, 19.	4.9	40
43	Very large fMRI study using the IMAGEN database: Sensitivity-specificity and population effect modeling in relation to the underlying anatomy. <i>NeuroImage</i> , 2012, 61, 295-303.	4.2	39
44	A Phenotypic Structure and Neural Correlates of Compulsive Behaviors in Adolescents. <i>PLoS ONE</i> , 2013, 8, e80151.	2.5	39
45	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
46	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
47	Modeling flexible behavior in childhood to adulthood shows age-dependent learning mechanisms and less optimal learning in autism in each age group. <i>PLoS Biology</i> , 2020, 18, e3000908.	5.6	37
48	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
49	Psychosocial Stress and Brain Function in Adolescent Psychopathology. <i>American Journal of Psychiatry</i> , 2017, 174, 785-794.	7.2	34
50	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
51	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
52	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
53	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
54	Manual dexterity correlating with right lobule VI volume in right-handed 14-year-olds. <i>NeuroImage</i> , 2012, 59, 1615-1621.	4.2	26

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55	The meaning of significant mean group differences for biomarker discovery. PLoS Computational Biology, 2021, 17, e1009477.	3.2	26
56	Gray matter covariations and core symptoms of autism: the EU-AIMS Longitudinal European Autism Project. Molecular Autism, 2020, 11, 86.	4.9	25
57	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
58	Temporal Profiles of Social Attention Are Different Across Development in Autistic and Neurotypical People. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 813-824.	1.5	21
59	Resting state EEG power spectrum and functional connectivity in autism: a cross-sectional analysis. Molecular Autism, 2022, 13, 22.	4.9	20
60	Cerebellar Atypicalities in Autism?. Biological Psychiatry, 2022, 92, 674-682.	1.3	20
61	Global Genetic Variations Predict Brain Response to Faces. PLoS Genetics, 2014, 10, e1004523.	3.5	18
62	Autism and mood disorders. International Review of Psychiatry, 2021, 33, 280-299.	2.8	18
63	EU-AIMS Longitudinal European Autism Project (LEAP): the autism twin cohort. Molecular Autism, 2018, 9, 26.	4.9	17
64	Emotion Recognition Abilities in Adults with Anorexia Nervosa are Associated with Autistic Traits. Journal of Clinical Medicine, 2020, 9, 1057.	2.4	17
65	Imbalanced social-communicative and restricted repetitive behavior subtypes of autism spectrum disorder exhibit different neural circuitry. Communications Biology, 2021, 4, 574.	4.4	17
66	New treatment targets for autism spectrum disorders: EU-AIMS. Lancet Psychiatry, the, 2014, 1, 413-415.	7.4	16
67	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. Journal of Psychiatry and Neuroscience, 2016, 41, 192-202.	2.4	16
68	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
69	Neuroanatomy and Neuropathology of Autism Spectrum Disorder in Humans. Advances in Anatomy, Embryology and Cell Biology, 2017, 224, 27-48.	1.6	15
70	Low Smoking Exposure, the Adolescent Brain, and the Modulating Role of CHRNA5 Polymorphisms. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 672-679.	1.5	15
71	Neurobiological Correlates of Change in Adaptive Behavior in Autism. American Journal of Psychiatry, 2022, 179, 336-349.	7.2	15
72	Robust regression for large-scale neuroimaging studies. NeuroImage, 2015, 111, 431-441.	4.2	14

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73	A target sample of adolescents and reward processing: same neural and behavioral correlates engaged in common paradigms?. <i>Experimental Brain Research</i> , 2012, 223, 429-439.	1.5	13
74	Converting tests of fundamental social, cognitive, and affective processes into clinically useful behavioral markers for neurodevelopmental conditions. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2019, 10, e1499.	2.8	11
75	Public-Private Partnership: A New Engine for Translational Research in Neurosciences. <i>Neuron</i> , 2014, 84, 533-536.	8.1	8
76	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
77	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. <i>Frontiers in Psychiatry</i> , 2021, 12, 701729.	2.6	7
78	Neural Biomarkers Distinguish Severe From Mild Autism Spectrum Disorder Among High-Functioning Individuals. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 657857.	2.0	6
79	The Monash Autism-ADHD genetics and neurodevelopment (MAGNET) project design and methodologies: a dimensional approach to understanding neurobiological and genetic aetiology. <i>Molecular Autism</i> , 2021, 12, 55.	4.9	6
80	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
81	Social attention in anorexia nervosa and autism spectrum disorder: Role of social motivation. <i>Autism</i> , 2022, 26, 1641-1655.	4.1	5
82	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
83	Are we ready for precision medicine for Autism? And who wants it?. <i>European Neuropsychopharmacology</i> , 2021, 48, 32-33.	0.7	2
84	Placebo effects and participant heterogeneity in clinical trials of autism spectrum disorder. <i>Lancet Psychiatry</i> , 2022, 9, 184-185.	7.4	2
85	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
86	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
87	Robust Group-Level Inference in Neuroimaging Genetic Studies. , 2013, , .		0
88	Title is missing!. , 2020, 18, e3000908.		0
89	Title is missing!. , 2020, 18, e3000908.		0
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91	Title is missing!. , 2020, 18, e3000908.		0
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