Michael V Lombardo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/852156/publications.pdf

Version: 2024-02-01

130 papers 14,794 citations

57 h-index

25034

22166 113 g-index

161 all docs

161 docs citations

161 times ranked

16064 citing authors

#	Article	IF	CITATIONS
1	Medical symptoms and conditions in autistic women. Autism, 2022, 26, 373-388.	4.1	17
2	Interindividual Differences in Cortical Thickness and Their Genomic Underpinnings in Autism Spectrum Disorder. American Journal of Psychiatry, 2022, 179, 242-254.	7.2	28
3	Is there an association between prenatal testosterone and autistic traits in adolescents?. Psychoneuroendocrinology, 2022, 136, 105623.	2.7	11
4	Neural responses to affective speech, including motherese, map onto clinical and social eye tracking profiles in toddlers with ASD. Nature Human Behaviour, 2022, 6, 443-454.	12.0	14
5	Neurobiological Correlates of Change in Adaptive Behavior in Autism. American Journal of Psychiatry, 2022, 179, 336-349.	7.2	15
6	Oxytocin enhances basolateral amygdala activation and functional connectivity while processing emotional faces: preliminary findings in autistic <i>vs</i> non-autistic women. Social Cognitive and Affective Neuroscience, 2022, 17, 929-938.	3.0	5
7	Polygenic risks for joint developmental trajectories of internalizing and externalizing problems: findings from the ALSPAC cohort. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2022, 63, 948-956.	5. 2	10
8	Resting state EEG power spectrum and functional connectivity in autism: a cross-sectional analysis. Molecular Autism, 2022, 13, 22.	4.9	20
9	Rethinking Our Concepts and Assumptions About Autism. Frontiers in Psychiatry, 2022, 13, .	2.6	7
10	Atypical Brain Asymmetry in Autismâ€"A Candidate for Clinically Meaningful Stratification. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 802-812.	1.5	36
11	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
12	Commentary: â€~Camouflaging' in autistic people – reflection on Fombonne (2020). Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, .	5. 2	30
13	Ribosomal protein genes in post-mortem cortical tissue and iPSC-derived neural progenitor cells are commonly upregulated in expression in autism. Molecular Psychiatry, 2021, 26, 1432-1435.	7.9	16
14	Examining volumetric gradients based on the frustum surface ratio in the brain in autism spectrum disorder. Human Brain Mapping, 2021, 42, 953-966.	3.6	4
15	Atypical measures of diffusion at the grayâ€white matter boundary in autism spectrum disorder in adulthood. Human Brain Mapping, 2021, 42, 467-484.	3.6	11
16	Self-Other Distinction. , 2021, , 85-106.		5
17	Extreme Male Brain (EMB) Theory. , 2021, , 1909-1918.		O
18	How biopsychosocial depressive risk shapes behavioral and neural responses to social evaluation in adolescence. Brain and Behavior, 2021, 11, e02005.	2.2	5

#	Article	IF	Citations
19	Examining the Boundary Sharpness Coefficient as an Index of Cortical Microstructure in Autism Spectrum Disorder. Cerebral Cortex, 2021, 31, 3338-3352.	2.9	14
20	reval: A Python package to determine best clustering solutions with stability-based relative clustering validation. Patterns, 2021, 2, 100228.	5.9	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	Prototyping as subtyping strategy for studying heterogeneity in autism. Autism Research, 2021, 14, 2224-2227.	3.8	8
23	Pre-treatment clinical and gene expression patterns predict developmental change in early intervention in autism. Molecular Psychiatry, 2021, 26, 7641-7651.	7.9	7
24	Atypical genomic cortical patterning in autism with poor early language outcome. Science Advances, 2021, 7, eabh1663.	10.3	21
25	Saccade dysmetria indicates attenuated visual exploration in autism spectrum disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 149-159.	5.2	19
26	mTOR-related synaptic pathology causes autism spectrum disorder-associated functional hyperconnectivity. Nature Communications, 2021, 12, 6084.	12.8	66
27	Preference for biological motion is reduced in ASD: implications for clinical trials and the search for biomarkers. Molecular Autism, 2021, 12, 74.	4.9	10
28	Large-scale analyses of the relationship between sex, age and intelligence quotient heterogeneity and cortical morphometry in autism spectrum disorder. Molecular Psychiatry, 2020, 25, 614-628.	7.9	141
29	Sex-specific impact of prenatal androgens on social brain default mode subsystems. Molecular Psychiatry, 2020, 25, 2175-2188.	7.9	33
30	Dissecting the phenotypic heterogeneity in sensory features in autism spectrum disorder: a factor mixture modelling approach. Molecular Autism, 2020, 11, 67.	4.9	32
31	A normative modelling approach reveals age-atypical cortical thickness in a subgroup of males with autism spectrum disorder. Communications Biology, 2020, 3, 486.	4.4	57
32	Effects of oxytocin administration on salivary sex hormone levels in autistic and neurotypical women. Molecular Autism, 2020, 11, 20.	4.9	11
33	Social brain activation during mentalizing in a large autism cohort: the Longitudinal European Autism Project. Molecular Autism, 2020, 11, 17.	4.9	40
34	Greater cortical thickness in individuals with ASD. Molecular Psychiatry, 2020, 25, 507-508.	7.9	3
35	Intrinsic excitation-inhibition imbalance affects medial prefrontal cortex differently in autistic men versus women. ELife, 2020, 9, .	6.0	94
36	The ASD Living Biology: from cell proliferation to clinical phenotype. Molecular Psychiatry, 2019, 24, 88-107.	7.9	210

#	Article	IF	CITATIONS
37	Enhancement of indirect functional connections with shortest path length in the adult autistic brain. Human Brain Mapping, 2019, 40, 5354-5369.	3 . 6	13
38	10Kin1day: A Bottom-Up Neuroimaging Initiative. Frontiers in Neurology, 2019, 10, 425.	2.4	15
39	Rigor in science and science reporting: updated guidelines for submissions to Molecular Autism. Molecular Autism, 2019, 10, 6.	4.9	4
40	Investigating the factors underlying adaptive functioning in autism in the EUâ€AIMS Longitudinal European Autism Project. Autism Research, 2019, 12, 645-657.	3.8	87
41	A Machine Learning Approach to Reveal the NeuroPhenotypes of Autisms. International Journal of Neural Systems, 2019, 29, 1850058.	5.2	31
42	Big data approaches to decomposing heterogeneity across the autism spectrum. Molecular Psychiatry, 2019, 24, 1435-1450.	7.9	299
43	Neural self-representation in autistic women and association with â€~compensatory camouflaging'. Autism, 2019, 23, 1210-1223.	4.1	86
44	Altered Connectivity Between Cerebellum, Visual, and Sensory-Motor Networks in Autism Spectrum Disorder: Results from the EU-AIMS Longitudinal European Autism Project. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 260-270.	1.5	82
45	Default mode-visual network hypoconnectivity in an autism subtype with pronounced social visual engagement difficulties. ELife, 2019, 8, .	6.0	45
46	Maternal immune activation dysregulation of the fetal brain transcriptome and relevance to the pathophysiology of autism spectrum disorder. Molecular Psychiatry, 2018, 23, 1001-1013.	7.9	149
47	Mindfulness and dynamic functional neural connectivity in children and adolescents. Behavioural Brain Research, 2018, 336, 211-218.	2.2	68
48	Large-scale associations between the leukocyte transcriptome and BOLD responses to speech differ in autism early language outcome subtypes. Nature Neuroscience, 2018, 21, 1680-1688.	14.8	69
49	Sex Differences in the Adult Human Brain: Evidence from 5216 UK Biobank Participants. Cerebral Cortex, 2018, 28, 2959-2975.	2.9	594
50	EU-AIMS Longitudinal European Autism Project (LEAP): the autism twin cohort. Molecular Autism, 2018, 9, 26.	4.9	17
51	In Vivo Evidence of Reduced Integrity of the Gray–White Matter Boundary in Autism Spectrum Disorder. Cerebral Cortex, 2017, 27, 877-887.	2.9	41
52	Quantifying and exploring camouflaging in men and women with autism. Autism, 2017, 21, 690-702.	4.1	390
53	Association Between the Probability of Autism Spectrum Disorder and Normative Sex-Related Phenotypic Diversity in Brain Structure. JAMA Psychiatry, 2017, 74, 329.	11.0	57
54	Sex differences in frontal lobe connectivity in adults with autism spectrum conditions. Translational Psychiatry, 2017, 7, e1090-e1090.	4.8	33

#	Article	IF	Citations
55	Intranasal oxytocin enhances intrinsic corticostriatal functional connectivity in women. Translational Psychiatry, 2017, 7, e1099-e1099.	4.8	71
56	Multi-echo fMRI: A review of applications in fMRI denoising and analysis of BOLD signals. NeuroImage, 2017, 154, 59-80.	4.2	238
57	The EU-AIMS Longitudinal European Autism Project (LEAP): design and methodologies to identify and validate stratification biomarkers for autism spectrum disorders. Molecular Autism, 2017, 8, 24.	4.9	183
58	The EU-AIMS Longitudinal European Autism Project (LEAP): clinical characterisation. Molecular Autism, 2017, 8, 27.	4.9	126
59	Hierarchical cortical transcriptome disorganization in autism. Molecular Autism, 2017, 8, 29.	4.9	24
60	Imaging sex/gender and autism in the brain: Etiological implications. Journal of Neuroscience Research, 2017, 95, 380-397.	2.9	123
61	On the brain structure heterogeneity of autism: Parsing out acquisition site effects with significanceâ€weighted principal component analysis. Human Brain Mapping, 2017, 38, 1208-1223.	3.6	35
62	Impaired Communication Between the Motor and Somatosensory Homunculus Is Associated With Poor Manual Dexterity in Autism Spectrum Disorder. Biological Psychiatry, 2017, 81, 211-219.	1.3	77
63	Shared and Disorder-Specific Neurocomputational Mechanisms of Decision-Making in Autism Spectrum Disorder and Obsessive-Compulsive Disorder. Cerebral Cortex, 2017, 27, 5804-5816.	2.9	29
64	Autism and talent: the cognitive and neural basis of systemizing. Dialogues in Clinical Neuroscience, 2017, 19, 345-353.	3.7	34
65	Alexithymia in children with and without autism spectrum disorders. Autism Research, 2016, 9, 773-780.	3.8	77
66	1.11 ADULTHOOD GENDER VARIANCE IN MALES AND FEMALES WITH AUTISM SPECTRUM DISORDER. Journal of the American Academy of Child and Adolescent Psychiatry, 2016, 55, S102-S103.	0.5	2
67	Relationship Between Cortical Gyrification, White Matter Connectivity, and Autism Spectrum Disorder. Cerebral Cortex, 2016, 26, 3297-3309.	2.9	75
68	Atypically rightward cerebral asymmetry in male adults with autism stratifies individuals with and without language delay. Human Brain Mapping, 2016, 37, 230-253.	3.6	82
69	Unsupervised data-driven stratification of mentalizing heterogeneity in autism. Scientific Reports, 2016, 6, 35333.	3.3	60
70	Improving effect size estimation and statistical power with multi-echo fMRI and its impact on understanding the neural systems supporting mentalizing. NeuroImage, 2016, 142, 55-66.	4.2	74
71	Frontal networks in adults with autism spectrum disorder. Brain, 2016, 139, 616-630.	7.6	118
72	Identification and validation of biomarkers for autism spectrum disorders. Nature Reviews Drug Discovery, 2016, 15, 70-70.	46.4	117

#	Article	IF	CITATIONS
73	Unemotional on all counts: Evidence of reduced affective responses in individuals with high callous-unemotional traits across emotion systems and valences. Social Neuroscience, 2016, 11, 72-87.	1.3	37
74	Cell cycle networks link gene expression dysregulation, mutation, and brain maldevelopment in autistic toddlers. Molecular Systems Biology, 2015, 11, 841.	7.2	78
75	Relationship Between Surfaceâ€Based Brain Morphometric Measures and Intelligence in Autism Spectrum Disorders: Influence of History of Language Delay. Autism Research, 2015, 8, 556-566.	3.8	17
76	Obsessiveâ€Compulsive Disorder in Adults with Highâ€Functioning Autism Spectrum Disorder: What Does Selfâ€Report with the OClâ€R Tell Us?. Autism Research, 2015, 8, 477-485.	3.8	49
77	The "Reading the Mind in the Eyes―Test: Complete Absence of Typical Sex Difference in ~400 Men and Women with Autism. PLoS ONE, 2015, 10, e0136521.	2.5	188
78	Prediction of Autism by Translation and Immune/Inflammation Coexpressed Genes in Toddlers From Pediatric Community Practices. JAMA Psychiatry, 2015, 72, 386.	11.0	87
79	Neuroanatomy of Individual Differences in Language in Adult Males with Autism. Cerebral Cortex, 2015, 25, 3613-3628.	2.9	45
80	Oxytocin increases eye contact during a real-time, naturalistic social interaction in males with and without autism. Translational Psychiatry, 2015, 5, e507-e507.	4.8	180
81	Elevated fetal steroidogenic activity in autism. Molecular Psychiatry, 2015, 20, 369-376.	7.9	389
82	White-matter relaxation time and myelin water fraction differences in young adults with autism. Psychological Medicine, 2015, 45, 795-805.	4.5	60
83	Different Functional Neural Substrates for Good and Poor Language Outcome in Autism. Neuron, 2015, 86, 567-577.	8.1	163
84	Decreased centrality of cortical volume covariance networks in autism spectrum disorders. Journal of Psychiatric Research, 2015, 69, 142-149.	3.1	25
85	Sex/Gender Differences and Autism: Setting the Scene for Future Research. Journal of the American Academy of Child and Adolescent Psychiatry, 2015, 54, 11-24.	0.5	717
86	Lost for emotion words: What motor and limbic brain activity reveals about autism and semantic theory. Neurolmage, 2015, 104, 413-422.	4.2	37
87	Abnormal Functional Activation and Maturation of Fronto-Striato-Temporal and Cerebellar Regions During Sustained Attention in Autism Spectrum Disorder. American Journal of Psychiatry, 2014, 171, 1107-1116.	7.2	57
88	Autism. Lancet, The, 2014, 383, 896-910.	13.7	1,719
89	Brain Routes for Reading in Adults with and without Autism: EMEG Evidence. Journal of Autism and Developmental Disorders, 2014, 44, 137-153.	2.7	20
90	A meta-analysis of sex differences in human brain structure. Neuroscience and Biobehavioral Reviews, 2014, 39, 34-50.	6.1	860

#	Article	IF	Citations
91	Are power calculations useful? A multicentre neuroimaging study. Human Brain Mapping, 2014, 35, 3569-3577.	3.6	12
92	The Neuropsychology of Male Adults With Highâ€Functioning Autism or Asperger Syndrome. Autism Research, 2014, 7, 568-581.	3.8	89
93	General and specific effects of early-life psychosocial adversities on adolescent grey matter volume. Neurolmage: Clinical, 2014, 4, 308-318.	2.7	66
94	Disorder-specific functional abnormalities during temporal discounting in youth with Attention Deficit Hyperactivity Disorder (ADHD), Autism and comorbid ADHD and Autism. Psychiatry Research - Neuroimaging, 2014, 223, 113-120.	1.8	87
95	Why is Autism More Common in Males?. , 2014, , 451-470.		1
96	Inter-regional cortical thickness correlations are associated with autistic symptoms: A machine-learning approach. Journal of Psychiatric Research, 2013, 47, 453-459.	3.1	57
97	Intrinsic gray-matter connectivity of the brain in adults with autism spectrum disorder. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13222-13227.	7.1	99
98	Prenatal and postnatal hormone effects on the human brain and cognition. Pflugers Archiv European Journal of Physiology, 2013, 465, 557-571.	2.8	168
99	Brain Surface Anatomy in Adults With Autism. JAMA Psychiatry, 2013, 70, 59.	11.0	199
100	Subgrouping the Autism "Spectrum": Reflections on DSM-5. PLoS Biology, 2013, 11, e1001544.	5.6	209
101	Biological sex affects the neurobiology of autism. Brain, 2013, 136, 2799-2815.	7.6	239
102	Brain and behavioral correlates of action semantic deficits in autism. Frontiers in Human Neuroscience, 2013, 7, 725.	2.0	22
103	Early Intervention. , 2013, , 1031-1032.		0
104	Autism Attenuates Sex Differences in Brain Structure: A Combined Voxel-Based Morphometry and Diffusion Tensor Imaging Study. American Journal of Neuroradiology, 2012, 33, 83-89.	2.4	92
105	Brain Anatomy and Its Relationship to Behavior in Adults With Autism Spectrum Disorder. Archives of General Psychiatry, 2012, 69, 195.	12.3	238
106	White matter microstructural abnormalities in the frontal lobe of adults with antisocial personality disorder. Cortex, 2012, 48, 216-229.	2.4	121
107	Self-referential and social cognition in a case of autism and agenesis of the corpus callosum. Molecular Autism, 2012, 3, 14.	4.9	17
108	Fetal Programming Effects of Testosterone on the Reward System and Behavioral Approach Tendencies in Humans. Biological Psychiatry, 2012, 72, 839-847.	1.3	104

#	Article	IF	CITATIONS
109	Individual differences in brain structure underpin empathizing–systemizing cognitive styles in male adults. NeuroImage, 2012, 61, 1347-1354.	4.2	52
110	Fetal Testosterone Influences Sexually Dimorphic Gray Matter in the Human Brain. Journal of Neuroscience, 2012, 32, 674-680.	3.6	268
111	Sex Differences and Autism: Brain Function during Verbal Fluency and Mental Rotation. PLoS ONE, 2012, 7, e38355.	2.5	61
112	Cognition in Males and Females with Autism: Similarities and Differences. PLoS ONE, 2012, 7, e47198.	2.5	147
113	Specialization of right temporo-parietal junction for mentalizing and its relation to social impairments in autism. NeuroImage, 2011, 56, 1832-1838.	4.2	225
114	Neural Endophenotypes of Social Behavior in Autism Spectrum Conditions. , 2011, , .		0
115	A Behavioral Comparison of Male and Female Adults with High Functioning Autism Spectrum Conditions. PLoS ONE, 2011, 6, e20835.	2.5	461
116	The role of the self in mindblindness in autism. Consciousness and Cognition, 2011, 20, 130-140.	1.5	111
117	Why Are Autism Spectrum Conditions More Prevalent in Males?. PLoS Biology, 2011, 9, e1001081.	5.6	543
118	Organizational effects of fetal testosterone on human corpus callosum size and asymmetry. Psychoneuroendocrinology, 2010, 35, 122-132.	2.7	131
119	Unraveling the paradox of the autistic self. Wiley Interdisciplinary Reviews: Cognitive Science, 2010, 1, 393-403.	2.8	67
120	Shared Neural Circuits for Mentalizing about the Self and Others. Journal of Cognitive Neuroscience, 2010, 22, 1623-1635.	2.3	309
121	Atypical neural self-representation in autism. Brain, 2010, 133, 611-624.	7.6	313
122	Roles of Medial Prefrontal Cortex and Orbitofrontal Cortex in Self-evaluation. Journal of Cognitive Neuroscience, 2010, 22, 2108-2119.	2.3	92
123	A Shift to Randomness of Brain Oscillations in People with Autism. Biological Psychiatry, 2010, 68, 1092-1099.	1.3	145
124	What neuroimaging and perceptions of self-other similarity can tell us about the mechanism underlying mentalizing. Behavioral and Brain Sciences, 2009, 32, 152-153.	0.7	8
125	The Amygdala in Autism: Not Adapting to Faces?. American Journal of Psychiatry, 2009, 166, 395-397.	7.2	12
126	Response to Smith's Letter to the Editor  Emotional Empathy in Autism Spectrum Conditions: Weak, Intact, or Heightened?'. Journal of Autism and Developmental Disorders, 2009, 39, 1749-1754.	2.7	14

#	Article	IF	CITATIONS
127	Moral Dilemmas Film Task: a study of spontaneous narratives by individuals with autism spectrum conditions. Autism Research, 2009, 2, 148-156.	3.8	55
128	Covarianceâ€based subdivision of the human striatum using T1â€weighted MRI. European Journal of Neuroscience, 2008, 27, 1534-1546.	2.6	25
129	The Quadruple Process model approach to examining the neural underpinnings of prejudice. Neurolmage, 2008, 43, 775-783.	4.2	98
130	Self-Referential Cognition and Empathy in Autism. PLoS ONE, 2007, 2, e883.	2.5	333