

Ilan Dinstein

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

6,325
citations

147726

31
h-index

118793

62
g-index

84
all docs

84
docs citations

84
times ranked

8246
citing authors

#	ARTICLE	IF	CITATIONS
1	The autism brain imaging data exchange: towards a large-scale evaluation of the intrinsic brain architecture in autism. <i>Molecular Psychiatry</i> , 2014, 19, 659-667.	4.1	1,882
2	Interhemispheric correlations of slow spontaneous neuronal fluctuations revealed in human sensory cortex. <i>Nature Neuroscience</i> , 2008, 11, 1100-1108.	7.1	442
3	Cortical and Subcortical Brain Morphometry Differences Between Patients With Autism Spectrum Disorder and Healthy Individuals Across the Lifespan: Results From the ENIGMA ASD Working Group. <i>American Journal of Psychiatry</i> , 2018, 175, 359-369.	4.0	356
4	Disrupted Neural Synchronization in Toddlers with Autism. <i>Neuron</i> , 2011, 70, 1218-1225.	3.8	341
5	Unreliable Evoked Responses in Autism. <i>Neuron</i> , 2012, 75, 981-991.	3.8	267
6	Brain Areas Selective for Both Observed and Executed Movements. <i>Journal of Neurophysiology</i> , 2007, 98, 1415-1427.	0.9	250
7	Anatomical Abnormalities in Autism?. <i>Cerebral Cortex</i> , 2016, 26, 1440-1452.	1.6	225
8	A mirror up to nature. <i>Current Biology</i> , 2008, 18, R13-R18.	1.8	220
9	Neural variability: friend or foe?. <i>Trends in Cognitive Sciences</i> , 2015, 19, 322-328.	4.0	188
10	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. <i>Nature Communications</i> , 2019, 10, 4958.	5.8	167
11	Executed and Observed Movements Have Different Distributed Representations in Human aIPS. <i>Journal of Neuroscience</i> , 2008, 28, 11231-11239.	1.7	163
12	Normal Movement Selectivity in Autism. <i>Neuron</i> , 2010, 66, 461-469.	3.8	130
13	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. <i>American Journal of Psychiatry</i> , 2020, 177, 834-843.	4.0	120
14	Cortical Variability in the Sensory-Evoked Response in Autism. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 1176-1190.	1.7	99
15	Influence of meditation on anti-correlated networks in the brain. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 183.	1.0	95
16	Sleep disturbances are associated with specific sensory sensitivities in children with autism. <i>Molecular Autism</i> , 2018, 9, 22.	2.6	76
17	Neural Variability Quenching Predicts Individual Perceptual Abilities. <i>Journal of Neuroscience</i> , 2017, 37, 97-109.	1.7	67
18	Scale-Invariant Movement Encoding in the Human Motor System. <i>Neuron</i> , 2014, 81, 452-462.	3.8	64

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19	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The <sc>ENIGMA</sc> adventure. <i>Human Brain Mapping</i> , 2022, 43, 37-55.	1.9	61
20	Global Functional Connectivity Deficits in Schizophrenia Depend on Behavioral State. <i>Journal of Neuroscience</i> , 2011, 31, 12972-12981.	1.7	60
21	Dissociating Visual and Motor Directional Selectivity Using Visuomotor Adaptation. <i>Journal of Neuroscience</i> , 2015, 35, 6813-6821.	1.7	56
22	BOLD and spiking activity. <i>Nature Neuroscience</i> , 2008, 11, 523-524.	7.1	53
23	Individual Movement Variability Magnitudes Are Explained by Cortical Neural Variability. <i>Journal of Neuroscience</i> , 2017, 37, 9076-9085.	1.7	51
24	Increased ongoing neural variability in ADHD. <i>Cortex</i> , 2016, 81, 50-63.	1.1	48
25	Reduction in Inter-Hemispheric Connectivity in Disorders of Consciousness. <i>PLoS ONE</i> , 2012, 7, e37238.	1.1	48
26	Prolonged auditory brainstem responses in infants with autism. <i>Autism Research</i> , 2016, 9, 689-695.	2.1	45
27	Early diagnosis of autism in the community is associated with marked improvement in social symptoms within 1â€²2 years. <i>Autism</i> , 2022, 26, 1353-1363.	2.4	44
28	Brief Report: The Negev Hospital-University-Based (HUB) Autism Database. <i>Journal of Autism and Developmental Disorders</i> , 2017, 47, 2918-2926.	1.7	41
29	The Magnitude of Trial-By-Trial Neural Variability Is Reproducible over Time and across Tasks in Humans. <i>ENeuro</i> , 2017, 4, ENEURO.0292-17.2017.	0.9	41
30	Toddlers later diagnosed with autism exhibit multiple structural abnormalities in temporal corpus callosum fibers. <i>Cortex</i> , 2017, 97, 291-305.	1.1	40
31	Human Cortex: Reflections of Mirror Neurons. <i>Current Biology</i> , 2008, 18, R956-R959.	1.8	39
32	Exposure to General Anesthesia May Contribute to the Association between Cesarean Delivery and Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 3127-3135.	1.7	38
33	Estimating Autism Severity in Young Children From Speech Signals Using a Deep Neural Network. <i>IEEE Access</i> , 2020, 8, 139489-139500.	2.6	36
34	Effector-Invariant Movement Encoding in the Human Motor System. <i>Journal of Neuroscience</i> , 2017, 37, 9054-9063.	1.7	33
35	Neural Variability Is Quenched by Attention. <i>Journal of Neuroscience</i> , 2019, 39, 5975-5985.	1.7	32
36	Vision as a Beachhead. <i>Biological Psychiatry</i> , 2017, 81, 832-837.	0.7	28

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37	Autism Prevalence and Severity in Bedouin-Arab and Jewish Communities in Southern Israel. <i>Community Mental Health Journal</i> , 2019, 55, 156-160.	1.1	28
38	Differential sensory fMRI signatures in autism and schizophrenia: Analysis of amplitude and trial-to-trial variability. <i>Schizophrenia Research</i> , 2016, 175, 12-19.	1.1	27
39	Over-Responsiveness and Greater Variability in Roughness Perception in Autism. <i>Autism Research</i> , 2016, 9, 393-402.	2.1	27
40	Reduced sleep pressure in young children with autism. <i>Sleep</i> , 2020, 43, .	0.6	25
41	The National Autism Database of Israel: a Resource for Studying Autism Risk Factors, Biomarkers, Outcome Measures, and Treatment Efficacy. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1303-1312.	1.1	22
42	Children with autism observe social interactions in an idiosyncratic manner. <i>Autism Research</i> , 2020, 13, 935-946.	2.1	21
43	Comorbidity and health services' usage in children with autism spectrum disorder: a nested case-control study. <i>Epidemiology and Psychiatric Sciences</i> , 2020, 29, e95.	1.8	20
44	No evidence of early head circumference enlargements in children later diagnosed with autism in Israel. <i>Molecular Autism</i> , 2017, 8, 15.	2.6	14
45	Quantifying the social symptoms of autism using motion capture. <i>Scientific Reports</i> , 2019, 9, 7712.	1.6	14
46	No difference in cross-modal attention or sensory discrimination thresholds in autism and matched controls. <i>Vision Research</i> , 2016, 121, 85-94.	0.7	13
47	The Relationship between Trial-by-Trial Variability and Oscillations of Cortical Population Activity. <i>Scientific Reports</i> , 2019, 9, 16901.	1.6	13
48	Association between ultrasonography foetal anomalies and autism spectrum disorder. <i>Brain</i> , 2022, 145, 4519-4530.	3.7	11
49	A mirror up to nature. <i>Current Biology</i> , 2008, 18, 233.	1.8	10
50	Factors Affecting Family Compliance with Genetic Testing of Children Diagnosed with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 1201-1209.	1.7	10
51	Sleep Disturbances and Sensory Sensitivities Co-Vary in a Longitudinal Manner in Pre-School Children with Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2022, 52, 923-937.	1.7	10
52	Anatomical brain abnormalities and early detection of autism. <i>Lancet Psychiatry</i> , 2018, 5, 857-859.	3.7	9
53	Language regression is associated with faster early motor development in children with autism spectrum disorder. <i>Autism Research</i> , 2020, 13, 145-156.	2.1	8
54	Ethnic Disparities in the Diagnosis of Autism in Southern Israel. <i>Autism Research</i> , 2021, 14, 193-201.	2.1	8

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55	Association Between Abnormal Fetal Head Growth and Autism Spectrum Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 986-997.	0.3	7
56	Basic oculomotor function is similar in young children with <scp>ASD</scp> and typically developing controls. Autism Research, 2021, 14, 2580-2591.	2.1	5
57	Diagnostic Yield and Economic Implications of Whole-Exome Sequencing for ASD Diagnosis in Israel. Genes, 2022, 13, 36.	1.0	5
58	Home-quarantine during the initial Covid-19 outbreak in Israel: parent perceived impact on children with ASD. Heliyon, 2022, 8, e09681.	1.4	5
59	Young <scp>Autism Spectrum Disorder</scp> Children in Special and Mainstream Education Settings Have Similar Behavioral Characteristics. Autism Research, 2021, 14, 699-708.	2.1	4
60	Individual magnitudes of neural variability quenching are associated with motion perception abilities. Journal of Neurophysiology, 2021, 125, 1111-1120.	0.9	4
61	Speaker diarization during noisy clinical diagnoses of autism. , 2019, 2019, 2593-2596.		3
62	Association Between Antenatal Antimicrobial Therapy and Autism Spectrum Disorderâ€™A Nested Case-Control Study. Frontiers in Psychiatry, 2021, 12, 771232.	1.3	3
63	Neural Variability Quenching Predicts Individual Perceptual Abilities. Journal of Neuroscience, 2017, 37, 97-109.	1.7	2
64	Mental Retardation (Former Term). , 2013, , 1841-1841.		0
65	Mutual Gaze. , 2013, , 1966-1967.		0
66	False Interpretation of Scientific Data Leads to Biased Conclusions About the Association Between Cesarean Deliveries Under General Anesthesia and Risk of Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2020, 50, 2283-2286.	1.7	0
67	Mirror Neuron System. , 2021, , 2918-2928.		0
68	Reply: Methodological drawbacks in the alleged association between foetal sonographic anomalies and autism. Brain, 0, , .	3.7	0