

Richard A I Bethlehem

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

3,411
citations

279798

23
h-index

214800

47
g-index

82
all docs

82
docs citations

82
times ranked

3843
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain charts for the human lifespan. <i>Nature</i> , 2022, 604, 525-533.	27.8	518
2	Microstructural and functional gradients are increasingly dissociated in transmodal cortices. <i>PLoS Biology</i> , 2019, 17, e3000284.	5.6	332
3	Atypical functional connectome hierarchy in autism. <i>Nature Communications</i> , 2019, 10, 1022.	12.8	326
4	Oxytocin, brain physiology, and functional connectivity: A review of intranasal oxytocin fMRI studies. <i>Psychoneuroendocrinology</i> , 2013, 38, 962-974.	2.7	247
5	Oxytocin increases eye contact during a real-time, naturalistic social interaction in males with and without autism. <i>Translational Psychiatry</i> , 2015, 5, e507-e507.	4.8	180
6	Transcriptomic and cellular decoding of regional brain vulnerability to neurogenetic disorders. <i>Nature Communications</i> , 2020, 11, 3358.	12.8	141
7	Synaptic and transcriptionally downregulated genes are associated with cortical thickness differences in autism. <i>Molecular Psychiatry</i> , 2019, 24, 1053-1064.	7.9	135
8	Dispersion of functional gradients across the adult lifespan. <i>NeuroImage</i> , 2020, 222, 117299.	4.2	123
9	Shifts in myeloarchitecture characterise adolescent development of cortical gradients. <i>ELife</i> , 2019, 8, .	6.0	97
10	The oxytocin paradox. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 48.	2.0	92
11	Structural Covariance Networks in Children with Autism or ADHD. <i>Cerebral Cortex</i> , 2017, 27, 4267-4276.	2.9	87
12	Intranasal oxytocin enhances intrinsic corticostriatal functional connectivity in women. <i>Translational Psychiatry</i> , 2017, 7, e1099-e1099.	4.8	71
13	Large-scale associations between the leukocyte transcriptome and BOLD responses to speech differ in autism early language outcome subtypes. <i>Nature Neuroscience</i> , 2018, 21, 1680-1688.	14.8	69
14	A multi-scale cortical wiring space links cellular architecture and functional dynamics in the human brain. <i>PLoS Biology</i> , 2020, 18, e3000979.	5.6	68
15	Differences in subcortico-cortical interactions identified from connectome and microcircuit models in autism. <i>Nature Communications</i> , 2021, 12, 2225.	12.8	63
16	A normative modelling approach reveals age-atypical cortical thickness in a subgroup of males with autism spectrum disorder. <i>Communications Biology</i> , 2020, 3, 486.	4.4	57
17	Novel genome-wide associations for anhedonia, genetic correlation with psychiatric disorders, and polygenic association with brain structure. <i>Translational Psychiatry</i> , 2019, 9, 327.	4.8	56
18	Macular degeneration affects eye movement behavior during visual search. <i>Frontiers in Psychology</i> , 2013, 4, 579.	2.1	54

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19	Genetic and phylogenetic uncoupling of structure and function in human transmodal cortex. <i>Nature Communications</i> , 2022, 13, 2341.	12.8	54
20	An expanding manifold in transmodal regions characterizes adolescent reconfiguration of structural connectome organization. <i>ELife</i> , 2021, 10, .	6.0	47
21	Oxytocin normalizes altered circuit connectivity for social rescue of the <i>Cntnap2</i> knockout mouse. <i>Neuron</i> , 2022, 110, 795-808.e6.	8.1	41
22	Grey and white matter microstructure is associated with polygenic risk for schizophrenia. <i>Molecular Psychiatry</i> , 2021, 26, 7709-7718.	7.9	37
23	The oxytocin receptor gene predicts brain activity during an emotion recognition task in autism. <i>Molecular Autism</i> , 2019, 10, 12.	4.9	36
24	Sex-specific impact of prenatal androgens on social brain default mode subsystems. <i>Molecular Psychiatry</i> , 2020, 25, 2175-2188.	7.9	33
25	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021, 109, 1769-1775.	8.1	27
26	In vivo coupling of tau pathology and cortical thinning in Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 678-687.	2.4	24
27	Morphological integration of the human brain across adolescence and adulthood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	23
28	Atypical genomic cortical patterning in autism with poor early language outcome. <i>Science Advances</i> , 2021, 7, eabh1663.	10.3	21
29	A global effect of capture saccades. <i>Experimental Brain Research</i> , 2011, 210, 57-65.	1.5	20
30	Does empathy predict altruism in the wild?. <i>Social Neuroscience</i> , 2017, 12, 1-8.	1.3	18
31	Adolescent development of multiscale structural wiring and functional interactions in the human connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	18
32	Effects of testosterone administration on threat and escape anticipation in the orbitofrontal cortex. <i>Psychoneuroendocrinology</i> , 2018, 96, 42-51.	2.7	17
33	Imbalanced social-communicative and restricted repetitive behavior subtypes of autism spectrum disorder exhibit different neural circuitry. <i>Communications Biology</i> , 2021, 4, 574.	4.4	17
34	Autistic traits, resting-state connectivity, and absolute pitch in professional musicians: shared and distinct neural features. <i>Molecular Autism</i> , 2019, 10, 20.	4.9	16
35	Decreased Fixation Stability of the Preferred Retinal Location in Juvenile Macular Degeneration. <i>PLoS ONE</i> , 2014, 9, e100171.	2.5	16
36	Sexually divergent development of depression-related brain networks during healthy human adolescence. <i>Science Advances</i> , 2022, 8, .	10.3	14

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37	Brain micro-architecture and disinhibition: a latent phenotyping study across 33 impulsive and compulsive behaviours. <i>Neuropsychopharmacology</i> , 2021, 46, 423-431.	5.4	13
38	Effects of oxytocin administration on salivary sex hormone levels in autistic and neurotypical women. <i>Molecular Autism</i> , 2020, 11, 20.	4.9	11
39	Atypical Integration of Sensory-to-Transmodal Functional Systems Mediates Symptom Severity in Autism. <i>Frontiers in Psychiatry</i> , 2021, 12, 699813.	2.6	10
40	Reward processing in trichotillomania and skin picking disorder. <i>Brain Imaging and Behavior</i> , 2022, 16, 547-556.	2.1	8
41	BOLD Coupling between Lesioned and Healthy Brain Is Associated with Glioma Patients's Recovery. <i>Cancers</i> , 2021, 13, 5008.	3.7	8
42	Copy Number Variant Risk Scores Associated With Cognition, Psychopathology, and Brain Structure in Youths in the Philadelphia Neurodevelopmental Cohort. <i>JAMA Psychiatry</i> , 2022, 79, 699.	11.0	8
43	Oxytocin enhances basolateral amygdala activation and functional connectivity while processing emotional faces: preliminary findings in autistic <i>vs</i> non-autistic women. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 929-938.	3.0	5
44	The contribution of foveal activation to the oculomotor gap effect. <i>Neuroscience Letters</i> , 2014, 583, 126-129.	2.1	2
45	Examining the relationship between altered brain functional connectome and disinhibition across 33 impulsive and compulsive behaviours. <i>British Journal of Psychiatry</i> , 2021, , 1-3.	2.8	2
46	Shared and distinct patterns of atypical cortical morphometry in children with autism and anxiety. <i>Cerebral Cortex</i> , 2022, 32, 4565-4575.	2.9	1
47	Title is missing!. , 2020, 18, e3000979.		0
48	Title is missing!. , 2020, 18, e3000979.		0
49	Title is missing!. , 2020, 18, e3000979.		0
50	Title is missing!. , 2020, 18, e3000979.		0
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53	Title is missing!. , 2020, 18, e3000979.		0
54	Title is missing!. , 2020, 18, e3000979.		0