

Erik Barry Erhardt

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

6,423
citations

201674

27
h-index

214800

47
g-index

52
all docs

52
docs citations

52
times ranked

7690
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking Whole-Brain Connectivity Dynamics in the Resting State. <i>Cerebral Cortex</i> , 2014, 24, 663-676.	2.9	2,426
2	A Baseline for the Multivariate Comparison of Resting-State Networks. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 2.	2.5	1,159
3	Comparison of multi-subject ICA methods for analysis of fMRI data. <i>Human Brain Mapping</i> , 2011, 32, 2075-2095.	3.6	632
4	Capturing inter-subject variability with group independent component analysis of fMRI data: A simulation study. <i>NeuroImage</i> , 2012, 59, 4141-4159.	4.2	204
5	Assessing dynamic brain graphs of time-varying connectivity in fMRI data: Application to healthy controls and patients with schizophrenia. <i>NeuroImage</i> , 2015, 107, 345-355.	4.2	194
6	SimTB, a simulation toolbox for fMRI data under a model of spatiotemporal separability. <i>NeuroImage</i> , 2012, 59, 4160-4167.	4.2	182
7	Nasal immunity is an ancient arm of the mucosal immune system of vertebrates. <i>Nature Communications</i> , 2014, 5, 5205.	12.8	178
8	Correspondence between structure and function in the human brain at rest. <i>Frontiers in Neuroinformatics</i> , 2012, 6, 10.	2.5	153
9	In Vivo Inhibition of miR-155 Promotes Recovery after Experimental Mouse Stroke. <i>Journal of Neuroscience</i> , 2015, 35, 12446-12464.	3.6	153
10	Data Visualization in the Neurosciences: Overcoming the Curse of Dimensionality. <i>Neuron</i> , 2012, 74, 603-608.	8.1	110
11	Connectivity dynamics in typical development and its relationship to autistic traits and autism spectrum disorder. <i>Human Brain Mapping</i> , 2018, 39, 3127-3142.	3.6	94
12	Modular Organization of Functional Network Connectivity in Healthy Controls and Patients with Schizophrenia during the Resting State. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 103.	2.5	82
13	The spatial chronnectome reveals a dynamic interplay between functional segregation and integration. <i>Human Brain Mapping</i> , 2019, 40, 3058-3077.	3.6	67
14	On Network Derivation, Classification, and Visualization: A Response to Habeck and Moeller. <i>Brain Connectivity</i> , 2011, 1, 105-110.	1.7	51
15	Efficacy of <i>Aedes aegypti</i> control by indoor Ultra Low Volume (ULV) insecticide spraying in Iquitos, Peru. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006378.	3.0	46
16	Rates of biotic interactions scale predictably with temperature despite variation. <i>Oikos</i> , 2014, 123, 1449-1456.	2.7	43
17	Evaluation of dual nasal delivery of infectious hematopoietic necrosis virus and enteric red mouth vaccines in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Vaccine</i> , 2015, 33, 771-776.	3.8	40
18	Characterization of long-term gait deficits in mouse dMCAO, using the CatWalk system. <i>Behavioural Brain Research</i> , 2017, 331, 282-296.	2.2	39

#	ARTICLE	IF	CITATIONS
19	A Bayesian Approach for Estimating Dynamic Functional Network Connectivity in fMRI Data. <i>Journal of the American Statistical Association</i> , 2018, 113, 134-151.	3.1	39
20	High-frequency field measurements of diurnal carbon isotope discrimination and internal conductance in a semi-arid species, <i>Juniperus monosperma</i> . <i>Plant, Cell and Environment</i> , 2009, 32, 796-810.	5.7	38
21	Prenatal X-ray Exposure and Rhabdomyosarcoma in Children: A Report from the Children's Oncology Group. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009, 18, 1271-1276.	2.5	37
22	Stable Isotope Sourcing Using Sampling. <i>Open Journal of Ecology</i> , 2014, 04, 289-298.	1.0	37
23	A Bayesian framework for stable isotope mixing models. <i>Environmental and Ecological Statistics</i> , 2013, 20, 377-397.	3.5	36
24	Building an EEG-fMRI Multi-Modal Brain Graph: A Concurrent EEG-fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 476.	2.0	35
25	Nasal vaccination of young rainbow trout (<i>Oncorhynchus mykiss</i>) against infectious hematopoietic necrosis and enteric red mouth disease. <i>Developmental and Comparative Immunology</i> , 2015, 53, 105-111.	2.3	32
26	Validation of biomarkers in subcortical ischaemic vascular disease of the Binswanger type: approach to targeted treatment trials. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 1324-1330.	1.9	31
27	Infectious, autoimmune and allergic diseases and risk of Hodgkin lymphoma in children and adolescents: A Children's Oncology Group study. <i>International Journal of Cancer</i> , 2014, 135, 1454-1469.	5.1	29
28	Electroconvulsive therapy, electric field, neuroplasticity, and clinical outcomes. <i>Molecular Psychiatry</i> , 2022, 27, 1676-1682.	7.9	28
29	Family history of cancer and childhood rhabdomyosarcoma: a report from the Children's Oncology Group and the Utah Population Database. <i>Cancer Medicine</i> , 2015, 4, 781-790.	2.8	25
30	Electroconvulsive Therapy Pulse Amplitude and Clinical Outcomes. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, 166-178.	1.2	20
31	Targeted ¹³ C enrichment of lipid and protein pools in the body reveals circadian changes in oxidative fuel mixture during prolonged fasting: A case study using Japanese quail. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013, 166, 546-554.	1.8	19
32	Biomarkers identify the Binswanger type of vascular cognitive impairment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1602-1612.	4.3	19
33	Allergies, atopy, immune-related factors and childhood rhabdomyosarcoma: A report from the children's oncology group. <i>International Journal of Cancer</i> , 2014, 134, 431-436.	5.1	18
34	A comparative effectiveness study of two culturally competent models of diabetes self-management programming for Latinos from low-income households. <i>BMC Endocrine Disorders</i> , 2017, 17, 46.	2.2	18
35	Synthetic structural magnetic resonance image generator improves deep learning prediction of schizophrenia. , 2015, , .		17
36	Negotiating for Improved Reimbursement for Dialectical Behavior Therapy: A Successful Project. <i>Cognitive and Behavioral Practice</i> , 2013, 20, 314-324.	1.5	14

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37	Multidimensional frequency domain analysis of full-volume fMRI reveals significant effects of age, gender, and mental illness on the spatiotemporal organization of resting-state brain activity. <i>Frontiers in Neuroscience</i> , 2015, 9, 203.	2.8	14
38	Family history of cancer and risk of pediatric and adolescent Hodgkin lymphoma: A Children's Oncology Group study. <i>International Journal of Cancer</i> , 2015, 137, 2163-2174.	5.1	13
39	Parental Military Service, Agent Orange Exposure, and the Risk of Rhabdomyosarcoma in Offspring. <i>Journal of Pediatrics</i> , 2014, 165, 1216-1221.	1.8	10
40	The Role of Childhood Infections and Immunizations on Childhood Rhabdomyosarcoma: A Report From the Children's Oncology Group. <i>Pediatric Blood and Cancer</i> , 2016, 63, 1557-1562.	1.5	7
41	Carbon stable isotopic composition of soluble sugars in <i>Tillandsia</i> epiphytes varies in response to shifts in habitat. <i>Oecologia</i> , 2010, 163, 583-590.	2.0	6
42	Conserved patterns of incomplete reporting in pre-vaccine era childhood diseases. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140886.	2.6	6
43	A double-dichotomy clustering of dual pathology dementia patients. <i>Cerebral Circulation - Cognition and Behavior</i> , 2021, 2, 100011.	0.9	6
44	The 5.1 ka aridization event, expansion of piñon-juniper woodlands, and the introduction of maize (<i>Zea</i>) Tj ETQq0,0,0 rgBT /Overlock 1	1.7	5
45	Per-Contact Infectivity of Hepatitis C Virus Acquisition in Association With Receptive Needle Sharing Exposures in a Prospective Cohort of Young Adult People who Inject Drugs in San Francisco, California. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa092.	0.9	4
46	Bayesian Simultaneous Intervals for Small Areas: An Application to Variation in Maps. <i>International Journal of Statistics and Probability</i> , 2012, 1, .	0.3	3
47	Inference for stable isotope mixing models: a study of the diet of dunlin. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2014, 63, 579-593.	1.0	2
48	Yield and Effects of Organic Nitrogen Fertilizer on Field-Grown Chinese Medicinal Plants in the United States. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2015, 21, 9-22.	1.1	1
49	Effects of a GAISE-based teaching method on students' learning in introductory statistics. <i>Communications for Statistical Applications and Methods</i> , 2020, 27, 269-284.	0.3	1
50	Photorespiratory and Respiratory Carbon Isotope Fractionation in Leaves. <i>Biophysical Journal</i> , 2011, 100, 308a.	0.5	0
51	Foodweb Trophic Level and Diet Inference Using an Extended Bayesian Stable Isotope Mixing Model. <i>Open Journal of Ecology</i> , 2022, 12, 333-359.	1.0	0