

Lauren Erdman

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

537
citations

759233

12
h-index

713466

21
g-index

31
all docs

31
docs citations

31
times ranked

1010
citing authors

#	ARTICLE	IF	CITATIONS
1	Examination of the shared genetic basis of anorexia nervosa and obsessive-compulsive disorder. <i>Molecular Psychiatry</i> , 2020, 25, 2036-2046.	7.9	83
2	Brain-Behavior Participant Similarity Networks Among Youth and Emerging Adults with Schizophrenia Spectrum, Autism Spectrum, or Bipolar Disorder and Matched Controls. <i>Neuropsychopharmacology</i> , 2018, 43, 1180-1188.	5.4	45
3	A Research Ethics Framework for the Clinical Translation of Healthcare Machine Learning. <i>American Journal of Bioethics</i> , 2022, 22, 8-22.	0.9	42
4	Integration of brain and behavior measures for identification of data-driven groups cutting across children with ASD, ADHD, or OCD. <i>Neuropsychopharmacology</i> , 2021, 46, 643-653.	5.4	35
5	The Toronto Postliver Transplantation Hepatocellular Carcinoma Recurrence Calculator: A Machine Learning Approach. <i>Liver Transplantation</i> , 2022, 28, 593-602.	2.4	28
6	Characterizing neurocognitive late effects in childhood leukemia survivors using a combination of neuropsychological and cognitive neuroscience measures. <i>Child Neuropsychology</i> , 2018, 24, 999-1014.	1.3	24
7	Single-cell mapper (scMappR): using scRNA-seq to infer the cell-type specificities of differentially expressed genes. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab011.	3.2	23
8	Standardized Reporting of Machine Learning Applications in Urology: The STREAM-URO Framework. <i>European Urology Focus</i> , 2021, 7, 672-682.	3.1	23
9	Integration of DNA methylation & health scores identifies subtypes in myalgic encephalomyelitis/chronic fatigue syndrome. <i>Epigenomics</i> , 2018, 10, 539-557.	2.1	21
10	PPAR and GST polymorphisms may predict changes in intellectual functioning in medulloblastoma survivors. <i>Journal of Neuro-Oncology</i> , 2019, 142, 39-48.	2.9	21
11	Dynamic risk profiling of HCC recurrence after curative intent liver resection. <i>Hepatology</i> , 2022, 76, 1291-1301.	7.3	21
12	A quantitative super-resolution imaging toolbox for diagnosis of motile ciliopathies. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	19
13	Reach Out and Read is Feasible and Effective for Adolescent Mothers: A Pilot Study. <i>Maternal and Child Health Journal</i> , 2016, 20, 630-638.	1.5	13
14	Predictive accuracy of prenatal ultrasound findings for lower urinary tract obstruction: A systematic review and Bayesian meta-analysis. <i>Prenatal Diagnosis</i> , 2021, 41, 1039-1048.	2.3	13
15	A machine learning-based approach for quantitative grading of vesicoureteral reflux from voiding cystourethrograms: Methods and proof of concept. <i>Journal of Pediatric Urology</i> , 2022, 18, 78.e1-78.e7.	1.1	13
16	Posterior Urethral Valves Outcomes Prediction (PUVOP): a machine learning tool to predict clinically relevant outcomes in boys with posterior urethral valves. <i>Pediatric Nephrology</i> , 2022, 37, 1067-1074.	1.7	13
17	Artificial intelligence in transplantation (machine-learning classifiers and transplant oncology). <i>Current Opinion in Organ Transplantation</i> , 2020, 25, 426-434.	1.6	12
18	Pre-versus postnatal presentation of posterior urethral valves: a multi-institutional experience. <i>BJU International</i> , 2022, 130, 350-356.	2.5	12

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19	Serotonin system genes and hoarding with and without other obsessive-compulsive traits in a population-based, pediatric sample: A genetic association study. <i>Depression and Anxiety</i> , 2020, 37, 760-770.	4.1	11
20	Serotonin system genes and obsessive-compulsive trait dimensions in a population-based, pediatric sample: a genetic association study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2019, 60, 1289-1299.	5.2	10
21	Predicting the risk of mortality during hospitalization in sick severely malnourished children using daily evaluation of key clinical warning signs. <i>BMC Medicine</i> , 2021, 19, 222.	5.5	9
22	Identifying longitudinal-growth patterns from infancy to childhood: a study comparing multiple clustering techniques. <i>International Journal of Epidemiology</i> , 2021, 50, 1000-1010.	1.9	8
23	Serotonin system gene variants and regional brain volume differences in pediatric OCD. <i>Brain Imaging and Behavior</i> , 2020, 14, 1612-1625.	2.1	7
24	Personalized application of machine learning algorithms to identify pediatric patients at risk for recurrent ureteropelvic junction obstruction after dismembered pyeloplasty. <i>World Journal of Urology</i> , 2022, 40, 593-599.	2.2	7
25	Large scale genotype- and phenotype-driven machine learning in Von Hippel-Lindau disease. <i>Human Mutation</i> , 2022, 43, 1268-1285.	2.5	6
26	Similarity Network Fusion. <i>Rheumatic Disease Clinics of North America</i> , 2018, 44, 285-293.	1.9	5
27	Trends and relevance in the bladder and bowel dysfunction literature: PlumX metrics contrasted with fragility indicators. <i>Journal of Pediatric Urology</i> , 2020, 16, 477.e1-477.e7.	1.1	1
28	Predictors of Weight Gain in Under Five Children With Severe Acute Malnutrition: An Analysis of the IcdDr, B Hospital Dataset. <i>Current Developments in Nutrition</i> , 2022, 6, 639.	0.3	0
29	Abstract 1428: DNA methylation predicts early onset of primary tumor in patients with Li-Fraumeni syndrome. <i>Cancer Research</i> , 2022, 82, 1428-1428.	0.9	0