Yuri Levin-Schwartz

List of Publications by Year
in descending order

23 papers	476 citations	687363 13 h-index	794594 19 g-index
23 all docs	23 docs citations	23 times ranked	486 citing authors

#	Article	IF	Citations
1	Multimodal Data Fusion Using Source Separation: Application to Medical Imaging. Proceedings of the IEEE, 2015, 103, 1494-1506.	21.3	82
2	Multimodal Data Fusion Using Source Separation: Two Effective Models Based on ICA and IVA and Their Properties. Proceedings of the IEEE, 2015, 103, 1478-1493.	21.3	80
3	Time-varying associations between prenatal metal mixtures and rapid visual processing in children. Environmental Health, 2019, 18, 92.	4.0	31
4	Quantifying the Interaction and Contribution of Multiple Datasets in Fusion: Application to the Detection of Schizophrenia. IEEE Transactions on Medical Imaging, 2017, 36, 1385-1395.	8.9	29
5	Machine Learning for Medical Imaging. Journal of Healthcare Engineering, 2019, 2019, 1-2.	1.9	29
6	Integrated measures of lead and manganese exposure improve estimation of their joint effects on cognition in Italian school-age children. Environment International, 2021, 146, 106312.	10.0	29
7	The role of diversity in complex ICA algorithms for fMRI analysis. Journal of Neuroscience Methods, 2016, 264, 129-135.	2.5	27
8	Unraveling Diagnostic Biomarkers of Schizophrenia Through Structure-Revealing Fusion of Multi-Modal Neuroimaging Data. Frontiers in Neuroscience, 2019, 13, 416.	2.8	27
9	Sample-poor estimation of order and common signal subspace with application to fusion of medical imaging data. NeuroImage, 2016, 134, 486-493.	4.2	26
10	Sex-specific associations between co-exposure to multiple metals and visuospatial learning in early adolescence. Translational Psychiatry, 2020, 10, 358.	4.8	24
11	Multi-media biomarkers: Integrating information to improve lead exposure assessment. Environmental Research, 2020, 183, 109148.	7.5	18
12	Prenatal metal mixtures and sex-specific infant negative affectivity. Environmental Epidemiology, 2021, 5, e147.	3.0	16
13	The role of diversity in data-driven analysis of multi-subject fMRI data: Comparison of approaches based on independence and sparsity using global performance metrics. Human Brain Mapping, 2019, 40, 489-504.	3.6	15
14	Consecutive Independence and Correlation Transform for Multimodal Fusion: Application to Eeg and Fmri Data. , 2018, , .		13
15	Metal mixtures are associated with increased anxiety during pregnancy. Environmental Research, 2022, 204, 112276.	7.5	9
16	Nephrotoxic Metal Mixtures and Preadolescent Kidney Function. Children, 2021, 8, 673.	1.5	5
17	Association of Neuroimaging Data with Behavioral Variables: A Class of Multivariate Methods and Their Comparison Using Multi-Task FMRI Data. Sensors, 2022, 22, 1224.	3.8	5
18	A method to compare the discriminatory power of data-driven methods: Application to ICA and IVA. Journal of Neuroscience Methods, 2019, 311, 267-276.	2.5	4

#	Article	IF	Citations
19	Exosomal miRNAs in urine associated with children's cardiorenal parameters: a cross-sectional study. Epigenomics, 2021, 13, 499-512.	2.1	3
20	Consecutive Independence and Correlation Transform for Multimodal Data Fusion: Discovery of One-to-Many Associations in Structural and Functional Imaging Data. Applied Sciences (Switzerland), 2021, 11, 8382.	2.5	3
21	Two models for fusion of medical imaging data: Comparison and connections. , 2017, , .		1
22	A graph theoretical approach for performance comparison of ICA for fMRI analysis. , 2017, , .		0
23	Length of gestation and birth weight are associated with indices of combined kidney biomarkers in early childhood. PLoS ONE, 2019, 14, e0227219.	2.5	0