

# Jacob Furst

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

533  
citations

759233

12  
h-index

713466

21  
g-index

38  
all docs

38  
docs citations

38  
times ranked

487  
citing authors

#	ARTICLE	IF	CITATIONS
1	Examining case definition criteria for chronic fatigue syndrome and myalgic encephalomyelitis. <i>Fatigue: Biomedicine, Health and Behavior</i> , 2014, 2, 40-56.	1.9	58
2	Predicting Radiological Panel Opinions Using a Panel of Machine Learning Classifiers. <i>Algorithms</i> , 2009, 2, 1473-1502.	2.1	53
3	Chronic fatigue syndrome and myalgic encephalomyelitis: towards an empirical case definition. <i>Health Psychology and Behavioral Medicine</i> , 2015, 3, 82-93.	1.8	49
4	Building an ensemble system for diagnosing masses in mammograms. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2012, 7, 323-329.	2.8	48
5	Factor Analysis of the DePaul Symptom Questionnaire: Identifying Core Domains. <i>Journal of Neurology and Neurobiology</i> , 2015, 1, .	0.1	33
6	An improved articulated model of the human hand. <i>Visual Computer</i> , 2001, 17, 158-166.	3.5	22
7	Probabilistic lung nodule classification with belief decision trees. , 2011, 2011, 4493-8.		20
8	Case definitions integrating empiric and consensus perspectives. <i>Fatigue: Biomedicine, Health and Behavior</i> , 2016, 4, 1-23.	1.9	20
9	Data mining: comparing the empiric CFS to the Canadian ME/CFS case definition. <i>Journal of Clinical Psychology</i> , 2012, 68, 41-49.	1.9	19
10	Identifying Key Symptoms Differentiating Myalgic Encephalomyelitis and Chronic Fatigue Syndrome from Multiple Sclerosis. , 2016, 4, 41-45.		17
11	Comparing and contrasting consensus versus empirical domains. <i>Fatigue: Biomedicine, Health and Behavior</i> , 2015, 3, 63-74.	1.9	16
12	Toward Understanding the Size Dependence of Shape Features for Predicting Spiculation in Lung Nodules for Computer-Aided Diagnosis. <i>Journal of Digital Imaging</i> , 2015, 28, 704-717.	2.9	15
13	Reflections on the Institute of Medicine's systemic exertion intolerance disease. <i>Polish Archives of Internal Medicine</i> , 2015, 125, 576-581.	0.4	15
14	Image enhancement and edge-based mass segmentation in mammogram. <i>Proceedings of SPIE</i> , 2010, , .	0.8	13
15	Weak Segmentations and Ensemble Learning to Predict Semantic Ratings of Lung Nodules. , 2013, , .		13
16	Computational Methods for Tracking, Quantitative Assessment, and Visualization of <i>C. elegans</i> Locomotory Behavior. <i>PLoS ONE</i> , 2015, 10, e0145870.	2.5	13
17	Building an Ensemble of Probabilistic Classifiers for Lung Nodule Interpretation. , 2011, , .		12
18	Expanding diagnostically labeled datasets using content-based image retrieval. , 2012, , .		10

#	ARTICLE	IF	CITATIONS
19	Explainable Deep Learning for Biomarker Classification of OCT Images. , 2020, , .		9
20	Predictors for Developing Severe Myalgic Encephalomyelitis/Chronic Fatigue Syndrome following Infectious Mononucleosis. Journal of Rehabilitation Therapy, 2022, 4, 1-5.	1.2	9
21	Big Data Integration Case Study for Radiology Data Sources. , 2018, , .		8
22	DiiS: A Biomedical Data Access Framework for Aiding Data Driven Research Supporting FAIR Principles. Data, 2019, 4, 54.	2.3	8
23	Augmenting Medical Decision Making With Text-Based Search of Teaching File Repositories and Medical Ontologies. International Journal of Knowledge Discovery in Bioinformatics, 2018, 8, 18-43.	0.8	7
24	Consensus Versus Disagreement in Imaging Research: a Case Study Using the LIDC Database. Journal of Digital Imaging, 2012, 25, 423-436.	2.9	6
25	Learning Latent Spiculated Features for Lung Nodule Characterization. , 2020, 2020, 1254-1257.		5
26	Drusen diagnosis comparison between hyper-spectral and color retinal images. Biomedical Optics Express, 2019, 10, 914.	2.9	5
27	Cytokine network analysis in a community-based pediatric sample of patients with myalgic encephalomyelitis/chronic fatigue syndrome. Chronic Illness, 2023, 19, 571-580.	1.5	5
28	Learning lung nodule similarity using a genetic algorithm. , 2012, , .		4
29	A Run-Length Encoding Approach for Path Analysis of <i>C. elegans</i> Search Behavior. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-9.	1.3	3
30	<i>C. elegans</i> search behavior analysis using Multivariate Dynamic Time Warping. , 2016, , .		3
31	Ontology-Based Radiology Teaching File Summarization, Coverage, and Integration. Journal of Digital Imaging, 2020, 33, 797-813.	2.9	3
32	Applying Association Rule Mining to Semantic Data in the Lung Image Database Consortium. , 2015, , .		2
33	Building multiple weak segmentors for strong mass segmentation in mammogram. , 2011, , .		1
34	Identifying Diagnostically Complex Cases Through Ensemble Learning. Lecture Notes in Computer Science, 2019, , 316-324.	1.3	1
35	Machine-Sourced Segmentations vs. Expert-Sourced Segmentations for the Classification of Lung Nodules with Outlier Removal. , 2014, , .		0
36	Investigating the effects of majority voting on CAD systems: a LIDC case study. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
37	Autorevise., 2022, , .		0