

Daniel Schwarz

List of Publications by Year in descending order

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38
papers

482
citations

759233

12
h-index

713466

21
g-index

43
all docs

43
docs citations

43
times ranked

1024
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Laminar Composition in Cerebral Cortex Using Low-Resolution Magnetic Resonance Images and Trust Region Optimization Algorithm. <i>Diagnostics</i> , 2022, 12, 24.	2.6	1
2	Structural MRI-Based Schizophrenia Classification Using Autoencoders and 3D Convolutional Neural Networks in Combination with Various Pre-Processing Techniques. <i>Brain Sciences</i> , 2022, 12, 615.	2.3	4
3	Anomaly Detection Algorithm for Real-World Data and Evidence in Clinical Research: Implementation, Evaluation, and Validation Study. <i>JMIR Medical Informatics</i> , 2021, 9, e27172.	2.6	7
4	Alterations in Sensorimotor and Mesiotemporal Cortices and Diffuse White Matter Changes in Primary Progressive Multiple Sclerosis Detected by Adiabatic Relaxometry. <i>Frontiers in Neuroscience</i> , 2021, 15, 711067.	2.8	1
5	Classification of First-Episode Schizophrenia Using Wavelet Imaging Features. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 1221-1222.	0.3	0
6	Wavelet Imaging Features for Classification of First-Episode Schizophrenia. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 280-291.	0.6	0
7	Brain Morphometry Methods for Feature Extraction in Random Subspace Ensemble Neural Network Classification of First-Episode Schizophrenia. <i>Neural Computation</i> , 2019, 31, 897-918.	2.2	11
8	What Can Be Achieved With Motivation-Based Teaching of Medical Students? A Monocentric Retrospective Audit of Retention Among Highly Motivated Graduates Who Underwent the Learning-by-Doing Concept in Anesthesiology and Intensive Care Medicine. <i>JMIR Serious Games</i> , 2019, 7, e10155.	3.1	4
9	Labor analgesia in Czech Republic and Slovakia: a 2015 national survey. <i>International Journal of Obstetric Anesthesia</i> , 2018, 35, 42-51.	0.4	7
10	Similarity Detection Between Virtual Patients and Medical Curriculum Using R. <i>Studies in Health Technology and Informatics</i> , 2018, 255, 222-226.	0.3	1
11	Multi-center machine learning in imaging psychiatry: A meta-model approach. <i>NeuroImage</i> , 2017, 155, 10-24.	4.2	42
12	Czech Registry of Monoclonal Gammopathies – Technical Solution, Data Collection and Visualisation. <i>Klinicka Onkologie</i> , 2017, 30, 2S43-2S50.	0.3	5
13	Supervised, Multivariate, Whole-Brain Reduction Did Not Help to Achieve High Classification Performance in Schizophrenia Research. <i>Frontiers in Neuroscience</i> , 2016, 10, 392.	2.8	12
14	Integration of virtual patients into modernizing activities of medical education across MEFANET. , 2016, , .		2
15	Joint analysis of histopathology image features and gene expression in breast cancer. <i>BMC Bioinformatics</i> , 2016, 17, 209.	2.6	20
16	Gene expression-guided selection of histopathology image features. , 2015, , .		0
17	Practical use of medical terminology in curriculum mapping. <i>Computers in Biology and Medicine</i> , 2015, 63, 74-82.	7.0	21
18	Combining various types of classifiers and features extracted from magnetic resonance imaging data in schizophrenia recognition. <i>Psychiatry Research - Neuroimaging</i> , 2015, 232, 237-249.	1.8	21

#	ARTICLE	IF	CITATIONS
19	Curriculum Mapping with Academic Analytics in Medical and Healthcare Education. PLoS ONE, 2015, 10, e0143748.	2.5	40
20	OPTIMED Platform: Curriculum Harmonisation System for Medical and Healthcare Education. Studies in Health Technology and Informatics, 2015, 210, 511-5.	0.3	4
21	Brain morphometry of MR images for automated classification of first-episode schizophrenia. Information Fusion, 2014, 19, 97-102.	19.1	10
22	Vasospasm of the Flap Pedicle. Plastic and Reconstructive Surgery, 2014, 134, 574e-584e.	1.4	13
23	Visual Analytics in Environmental Research: A Survey on Challenges, Methods and Available Tools. IFIP Advances in Information and Communication Technology, 2013, , 618-629.	0.7	4
24	Interactive Algorithms for Teaching and Learning Acute Medicine in the Network of Medical Faculties MEFANET. Journal of Medical Internet Research, 2013, 15, e135.	4.3	33
25	Tools for Collection, Analysis and Visualization of Data from the Stockholm Convention Global Monitoring Plan on Persistent Organic Pollutants. IFIP Advances in Information and Communication Technology, 2013, , 222-229.	0.7	0
26	A Unified Educational Platform of Multimedia Support in Education at Medical Faculties of MEFANET Project. Procedia, Social and Behavioral Sciences, 2012, 55, 476-484.	0.5	3
27	Medical faculties educational network: Multidimensional quality assessment. Computer Methods and Programs in Biomedicine, 2012, 108, 900-909.	4.7	12
28	Maximum-uncertainty linear discrimination analysis of first-episode schizophrenia subjects. Psychiatry Research - Neuroimaging, 2011, 191, 174-181.	1.8	39
29	Physical activity as a part of overweight and obesity treatment. Acta Gymnica, 2011, 41, 17-27.	1.1	2
30	Source-based morphometry of gray matter volume in men with first-episode schizophrenia. Human Brain Mapping, 2010, 31, 300-310.	3.6	52
31	Gene Expression of the Endothelin-1 in Vasospastic Flap Pedicle – an Experimental Study on a Porcine Model. Acta Veterinaria Brno, 2010, 79, 453-457.	0.5	0
32	Gray matter morphology and the level of functioning in one-year follow-up of first-episode schizophrenia patients. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 1438-1446.	4.8	33
33	Movement sequencing abilities and basal ganglia morphology in first-episode schizophrenia. World Journal of Biological Psychiatry, 2009, 10, 752-762.	2.6	9
34	Prefrontal but not temporal grey matter changes in males with first-episode schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 151-157.	4.8	40
35	A Deformable Registration Method for Automated Morphometry of MRI Brain Images in Neuropsychiatric Research. IEEE Transactions on Medical Imaging, 2007, 26, 452-461.	8.9	17
36	Comparison of Point Similarity Measures for Atlas-based Registration of MRI Brain Images. , 2005, 2006, 455-8.		1

#	ARTICLE	IF	CITATIONS
37	Brain Image Classification Based on Automated Morphometry and Penalised Linear Discriminant Analysis with Resampling. , 0, , .		1
38	Random Subspace Ensemble Artificial Neural Networks for First-episode Schizophrenia Classification. , 0, , .		9