

Samuel D Relton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7484537/publications.pdf>

Version: 2024-02-01

30
papers

472
citations

840776

11
h-index

752698

20
g-index

31
all docs

31
docs citations

31
times ranked

423
citing authors

#	ARTICLE	IF	CITATIONS
1	The Symptom Burden and Quality of Life in Cancer Patients in the Gaza Strip, Palestine: A Cross-Sectional Study. PLoS ONE, 2022, 17, e0262512.	2.5	11
2	Analysis of an adaptive lead weighted ResNet for multiclass classification of 12-lead ECGs. Physiological Measurement, 2022, 43, 034001.	2.1	6
3	Moving towards intelligent telemedicine: Computer vision measurement of human movement. Computers in Biology and Medicine, 2022, 147, 105776.	7.0	9
4	Association of heart failure and its comorbidities with loss of life expectancy. Heart, 2021, 107, 1417-1421.	2.9	21
5	Accuracy of Smartphone Video for Contactless Measurement of Hand Tremor Frequency. Movement Disorders Clinical Practice, 2021, 8, 69-75.	1.5	22
6	Advanced care planning during the COVID-19 pandemic: ceiling of care decisions and their implications for observational data. BMC Palliative Care, 2021, 20, 10.	1.8	18
7	Evidence of objective sleep impairment in nonepileptic attack disorder: A naturalistic prospective controlled study using actigraphy and daily sleep diaries over six nights. Epilepsy and Behavior, 2021, 117, 107867.	1.7	1
8	Computing low-rank approximations of the Fréchet derivative of a matrix function using Krylov subspace methods. Numerical Linear Algebra With Applications, 2021, 28, e2401.	1.6	10
9	Experiences of people seen in an acute hospital setting by liaison mental health services: responses from an online survey. BJPsych Open, 2021, 7, S346-S346.	0.7	0
10	Experiences of people seen in an acute hospital setting by a liaison mental health service: responses from an online survey. BMC Health Services Research, 2021, 21, 1050.	2.2	7
11	Supervised classification of bradykinesia in Parkinson's disease from smartphone videos. Artificial Intelligence in Medicine, 2020, 110, 101966.	6.5	31
12	Time series clustering to examine presence of decrement in Parkinson's finger-tapping bradykinesia. , 2020, 2020, 780-783.		2
13	The discerning eye of computer vision: Can it measure Parkinson's finger tap bradykinesia?. Journal of the Neurological Sciences, 2020, 416, 117003.	0.6	56
14	Effect of disease-modifying agents and their association with mortality in multi-morbid patients with heart failure with reduced ejection fraction. ESC Heart Failure, 2020, 7, 3859-3870.	3.1	7
15	Seeing the unseen: Could Eulerian video magnification aid clinician detection of subclinical Parkinson's tremor?. Journal of Clinical Neuroscience, 2020, 81, 101-104.	1.5	2
16	Supervised Classification of Bradykinesia for Parkinson's Disease Diagnosis from Smartphone Videos. , 2019, , .		10
17	Bedside breath tests in children with abdominal pain: a prospective pilot feasibility study. Pilot and Feasibility Studies, 2019, 5, 121.	1.2	2
18	Mastectomy Without Drains Reduces Cost with No Detriment to Patient Outcome. Cureus, 2019, 11, e5160.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Identifying key players in soccer teams using network analysis and pass difficulty. <i>European Journal of Operational Research</i> , 2018, 268, 339-347.	5.7	32
20	The Design and Performance of Batched BLAS on Modern High-Performance Computing Systems. <i>Procedia Computer Science</i> , 2017, 108, 495-504.	2.0	50
21	Optimized Batched Linear Algebra for Modern Architectures. <i>Lecture Notes in Computer Science</i> , 2017, , 511-522.	1.3	6
22	A Block Krylov Method to Compute the Action of the Fréchet Derivative of a Matrix Function on a Vector with Applications to Condition Number Estimation. <i>SIAM Journal of Scientific Computing</i> , 2017, 39, A1416-A1434.	2.8	7
23	Estimating the Largest Elements of a Matrix. <i>SIAM Journal of Scientific Computing</i> , 2016, 38, C584-C601.	2.8	7
24	Taylor's theorem for matrix functions with applications to condition number estimation. <i>Linear Algebra and Its Applications</i> , 2016, 504, 354-371.	0.9	11
25	Ranking the Importance of Nuclear Reactions for Activation and Transmutation Events. <i>Nuclear Science and Engineering</i> , 2016, 184, 561-574.	1.1	2
26	New Algorithms for Computing the Matrix Sine and Cosine Separately or Simultaneously. <i>SIAM Journal of Scientific Computing</i> , 2015, 37, A456-A487.	2.8	27
27	Estimating the Condition Number of the Fréchet Derivative of a Matrix Function. <i>SIAM Journal of Scientific Computing</i> , 2014, 36, C617-C634.	2.8	3
28	Higher Order Fréchet Derivatives of Matrix Functions and the Level-2 Condition Number. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2014, 35, 1019-1037.	1.4	16
29	Computing the Fréchet Derivative of the Matrix Logarithm and Estimating the Condition Number. <i>SIAM Journal of Scientific Computing</i> , 2013, 35, C394-C410.	2.8	43
30	Adaptive lead weighted ResNet trained with different duration signals for classifying 12-lead ECGs. , 0, , .		22