

# 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

840119

11  
h-index

752256

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.  | 1.1 | 11        |
| 2  | Analysis of an adaptive lead weighted ResNet for multiclass classification of 12-lead ECGs. Physiological Measurement, 2022, 43, 034001.  | 1.2 | 6         |
| 3  | Moving towards intelligent telemedicine: Computer vision measurement of human movement. Computers in Biology and Medicine, 2022, 147, 105776.   | 3.9 | 9         |
| 4  | Association of heart failure and its comorbidities with loss of life expectancy. Heart, 2021, 107, 1417-1421.   | 1.2 | 21        |
| 5  | Accuracy of Smartphone Video for Contactless Measurement of Hand Tremor Frequency. Movement Disorders Clinical Practice, 2021, 8, 69-75.  | 0.8 | 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.  | 0.8 | 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. | 0.9 | 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.  | 0.9 | 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.   | 0.3 | 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.  | 0.9 | 7         |
| 11 | Supervised classification of bradykinesia in Parkinson's disease from smartphone videos. Artificial Intelligence in Medicine, 2020, 110, 101966.  | 3.8 | 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.  | 0.3 | 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.                              | 1.4 | 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.  | 0.8 | 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.   | 0.5 | 2         |
| 18 | Mastectomy Without Drains Reduces Cost with No Detriment to Patient Outcome. Cureus, 2019, 11, e5160.   | 0.2 | 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.   | 3.5 | 32        |
| 20 | The Design and Performance of Batched BLAS on Modern High-Performance Computing Systems. <i>Procedia Computer Science</i> , 2017, 108, 495-504.   | 1.2 | 50        |
| 21 | Optimized Batched Linear Algebra for Modern Architectures. <i>Lecture Notes in Computer Science</i> , 2017, , 511-522.  | 1.0 | 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. | 1.3 | 7         |
| 23 | Estimating the Largest Elements of a Matrix. <i>SIAM Journal of Scientific Computing</i> , 2016, 38, C584-C601.   | 1.3 | 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.  | 0.4 | 11        |
| 25 | Ranking the Importance of Nuclear Reactions for Activation and Transmutation Events. <i>Nuclear Science and Engineering</i> , 2016, 184, 561-574.   | 0.5 | 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.  | 1.3 | 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.  | 1.3 | 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.   | 0.7 | 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.  | 1.3 | 43        |
| 30 | Adaptive lead weighted ResNet trained with different duration signals for classifying 12-lead ECGs. , 0, , .  |     | 22        |