# Sarah Anne Callaghan

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 37<br>papers | 405<br>citations | 1040018<br>9<br>h-index | 794568<br>19<br>g-index |
| 37<br>all docs | 37<br>docs citations | 37<br>times ranked | 567<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Data, Inspiration, and the New Year. Patterns, 2021, 2, 100189. | 5.9 | 0 |
| 2 | Inclusion, complexity, and not being able to do it all alone. Patterns, 2021, 2, 100223. | 5.9 | 0 |
| 3 | Toward machine learning-enhanced high-throughput experimentation for chemistry. Patterns, 2021, 2, 100221. | 5.9 | 5 |
| 4 | Preview of machine learning the quantum-chemical properties of metal–organic frameworks for accelerated materials discovery. Patterns, 2021, 2, 100239. | 5.9 | 7 |
| 5 | Growing the pattern: Our first year. Patterns, 2021, 2, 100240. | 5.9 | 0 |
| 6 | Data Sharing in a Time of Pandemic. Patterns, 2020, 1, 100086. | 5.9 | 11 |
| 7 | On the Importance of Data Transparency. Patterns, 2020, 1, 100070. | 5.9 | 1 |
| 8 | The First Piece of the Pattern. Patterns, 2020, 1, 100020. | 5.9 | 1 |
| 9 | Wheels of All Colors, Shapes, and Sizes Working Together: A Vision of Common Purpose in Data Science. Patterns, 2020, 1, 100088. | 5.9 | 0 |
| 10 | Artisanal and Industrial: The Different Methods of Data Creation. Patterns, 2020, 1, 100100. | 5.9 | 0 |
| 11 | What's in a Name? How We Named Patterns. Patterns, 2020, 1, 100048. | 5.9 | 2 |
| 12 | Preview of: A Primer on Motion Capture with Deep Learning: Principles, Pitfalls, and Perspectives. Patterns, 2020, 1, 100146. | 5.9 | 1 |
| 13 | Ada Lovelace Day and Celebrating Women in STEM. Patterns, 2020, 1, 100125. | 5.9 | 2 |
| 14 | "Digits: for Good" How Patterns Can Help. Patterns, 2020, 1, 100134. | 5.9 | 0 |
| 15 | COVID-19 Is a Data Science Issue. Patterns, 2020, 1, 100022. | 5.9 | 33 |
| 16 | Research Data Publication: Moving Beyond the Metaphor. Data Science Journal, 2019, 18, . | 1.3 | 0 |
| 17 | On research data publishing. International Journal on Digital Libraries, 2017, 18, 73-75. | 1.5 | 2 |
| 18 | Peer Review of Datasets: When, Why, and How. Bulletin of the American Meteorological Society, 2015, 96, 191-201. | 3.3 | 33 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Data without Peer: Examples of Data Peer Review in the Earth Sciences. D-Lib Magazine, 2015, 21, . | 0.5 | 5 |
| 20 | The GBS dataset: measurements of satellite site diversity at 20.7ÂGHz in the UK. Geoscience Data Journal, 2014, 1, 2-6. | 4.4 | 4 |
| 21 | Development and exploitation of a controlled vocabulary in support of climate modelling. Geoscientific Model Development, 2014, 7, 479-493. | 3.6 | 11 |
| 22 | Preserving the integrity of the scientific record: data citation and linking. Learned Publishing, 2014, 27, S15. | 1.7 | 20 |
| 23 | Guidelines on Recommending Data Repositories as Partners in Publishing Research Data. International Journal of Digital Curation, 2014, 9, 152-163. | 0.2 | 10 |
| 24 | Datasets: From Creation to Publication. Communications in Computer and Information Science, 2014, , 3-9. | 0.5 | 0 |
| 25 | Datasets: From Creation to Publication. Communications in Computer and Information Science, 2014, , 3-9. | 0.5 | 0 |
| 26 | Documenting Climate Models and Their Simulations. Bulletin of the American Meteorological Society, 2013, 94, 623-627. | 3.3 | 20 |
| 27 | Processes and Procedures for Data Publication: A Case Study in the Geosciences. International Journal of Digital Curation, 2013, 8, 193-203. | 0.2 | 6 |
| 28 | Linking Data and Publications: Towards a Cross-Disciplinary Approach. International Journal of Digital Curation, 2013, 8, 244-254. | 0.2 | 9 |
| 29 | Making Data a First Class Scientific Output: Data Citation and Publication by NERCÃ¢â‚¬â„¢s Environmental Data Centres. International Journal of Digital Curation, 2012, 7, 107-113. | 0.2 | 53 |
| 30 | Opening Up Climate Research: A Linked Data Approach to Publishing Data Provenance. International Journal of Digital Curation, 2012, 7, 163-173. | 0.2 | 10 |
| 31 | A Linked Data Approach to Publishing Complex Scientific Workflows. , 2011, , . |  | 8 |
| 32 | Citation and Peer Review of Data: Moving Towards Formal Data Publication. International Journal of Digital Curation, 2011, 6, 4-37. | 0.2 | 82 |
| 33 | The METAFOR project. , 2010, , . |  | 2 |
| 34 | Spectrum efficiency gains resulting from the implementation of adaptive transmit power control in fixed terrestrial links at 38 GHz. Radio Science, 2009, 44, . | 1.6 | 1 |
| 35 | An investigation of site diversity and comparison with ITU-R recommendations. Radio Science, 2008, 43, n/a-n/a. | 1.6 | 22 |
| 36 | Fractal generation of rain fields: synthetic realisation for radio communications systems. IET Microwaves, Antennas and Propagation, 2007, 1, 1204. | 1.4 | 8 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 37 | Long-term statistics of tropospheric attenuation from the Ka/U band ITALSAT satellite experiment in the United Kingdom. Radio Science, 2006, 41, n/a-n/a. | 1.6 | 36 |