# Michael P Frank

List of Publications by Year
in descending order

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|---|---|---|---|
| 14<br>papers | 225<br>citations | 1684188<br>5<br>h-index | 1872680<br>6<br>g-index |
| 17<br>all docs | 17<br>docs citations | 17<br>times ranked | 108<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Logical and Physical Reversibility of Conservative Skyrmion Logic. IEEE Magnetics Letters, 2022, , 1-1. | 1.1 | 1 |
| 2 | Quantum Foundations of Classical Reversible Computing. Entropy, 2021, 23, 701. | 2.2 | 5 |
| 3 | Special Session: Exploring the Ultimate Limits of Adiabatic Circuits. , 2020, , . | | 4 |
| 4 | Reversible Computing with Fast, Fully Static, Fully Adiabatic CMOS. , 2020, , . | | 6 |
| 5 | Asynchronous Ballistic Reversible Fluxon Logic. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-7. | 1.7 | 12 |
| 6 | Design automation for adiabatic circuits. , 2019, , . | | 9 |
| 7 | Semi-Automated Design of Functional Elements for a New Approach to Digital Superconducting Electronics: Methodology and Preliminary Results. , 2019, , . | | 6 |
| 8 | Reversible Computing as a Path Towards Unbounded Energy Efficiency: Challenges and Opportunities Invited Talk. , 2018, , . | | 1 |
| 9 | Physical Foundations of Landauerâ€™s Principle. Lecture Notes in Computer Science, 2018, , 3-33. | 1.3 | 8 |
| 10 | Throwing computing into reverse. IEEE Spectrum, 2017, 54, 32-37. | 0.7 | 22 |
| 11 | Asynchronous ballistic reversible computing. , 2017, , . | | 14 |
| 12 | Foundations of Generalized Reversible Computing. Lecture Notes in Computer Science, 2017, , 19-34. | 1.3 | 24 |
| 13 | A novel operational paradigm for thermodynamically reversible logic: Adibatic transformation of chaotic nonlinear dynamical circuits. , 2016, , . | | 4 |
| 14 | Introduction to reversible computing. , 2005, , . | | 108 |