

Michael Piatek

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

338
citations

1307594

7
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

267
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Effect of Knotting on the Shape of Polymers. <i>Macromolecules</i> , 2008, 41, 8281-8287. | 4.8 | 97 |
| 2 | Profiling a million user dht. , 2007, , . | | 80 |
| 3 | Knot Tightening by Constrained Gradient Descent. <i>Experimental Mathematics</i> , 2011, 20, 57-90. | 0.7 | 51 |
| 4 | Scaling Behavior and Equilibrium Lengths of Knotted Polymers. <i>Macromolecules</i> , 2008, 41, 4444-4451. | 4.8 | 31 |
| 5 | Privacy-preserving P2P data sharing with OneSwarm. <i>Computer Communication Review</i> , 2010, 40, 111-122. | 1.8 | 27 |
| 6 | Total Curvature and Total Torsion of Knotted Polymers. <i>Macromolecules</i> , 2007, 40, 3860-3867. | 4.8 | 26 |
| 7 | Effect of knotting on polymer shapes and their enveloping ellipsoids. <i>Journal of Chemical Physics</i> , 2009, 130, 165104. | 3.0 | 16 |
| 8 | POLYGONAL KNOT SPACE NEAR ROPELENGTH-MINIMIZED KNOTS. <i>Journal of Knot Theory and Its Ramifications</i> , 2008, 17, 601-631. | 0.3 | 10 |