

# Nikolaos Laoutaris

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5918159/publications.pdf>

Version: 2024-02-01

80  
papers

2,452  
citations

516710

16  
h-index

377865

34  
g-index

81  
all docs

81  
docs citations

81  
times ranked

1769  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | The LCD interconnection of LRU caches and its analysis. Performance Evaluation, 2006, 63, 609-634.  | 1.2 | 311       |
| 2  | Greening the internet with nano data centers. , 2009, , .   |     | 253       |
| 3  | Inter-datacenter bulk transfers with netstitcher. , 2011, , .   |     | 145       |
| 4  | Detecting price and search discrimination on the internet. , 2012, , .  |     | 117       |
| 5  | Delay tolerant bulk data transfers on the internet. , 2009, , .   |     | 105       |
| 6  | Distributed Selfish Replication. IEEE Transactions on Parallel and Distributed Systems, 2006, 17, 1401-1413.                                  | 5.6 | 96        |
| 7  | On the optimization of storage capacity allocation for content distribution. Computer Networks, 2005, 47, 409-428.                            | 5.1 | 84        |
| 8  | Assessing the potential of ride-sharing using mobile and social data. , 2014, , .   |     | 70        |
| 9  | ECHOS. Computer Communication Review, 2008, 38, 51-54.  | 1.8 | 69        |
| 10 | On economic heavy hitters. , 2010, , .  |     | 68        |
| 11 | Inter-datacenter bulk transfers with netstitcher. Computer Communication Review, 2011, 41, 74-85.   | 1.8 | 67        |
| 12 | Intrastream synchronization for continuous media streams: a survey of playout schedulers. IEEE Network, 2002, 16, 30-40.                      | 6.9 | 62        |
| 13 | Privacy risks in named data networking. Computer Communication Review, 2012, 42, 54-57.   | 1.8 | 57        |
| 14 | Crowd-assisted search for price discrimination in e-commerce. , 2013, , .   |     | 57        |
| 15 | The little engine(s) that could. Computer Communication Review, 2010, 40, 375-386.  | 1.8 | 56        |
| 16 | Delay-Tolerant Bulk Data Transfers on the Internet. IEEE/ACM Transactions on Networking, 2013, 21, 1852-1865.                                 | 3.8 | 54        |
| 17 | A generic characterization of the overheads imposed by IPsec and associated cryptographic algorithms. Computer Networks, 2006, 50, 3225-3241. | 5.1 | 53        |
| 18 | I always feel like somebody's watching me. , 2015, , .  |     | 52        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | If you are not paying for it, you are the product. , 2017, , .   |     | 43        |
| 20 | TailGate. , 2012, , .  |     | 41        |
| 21 | Joint object placement and node dimensioning for Internet content distribution. Information Processing Letters, 2004, 89, 273-279.                 | 0.6 | 40        |
| 22 | The Little Engine(s) That Could: Scaling Online Social Networks. IEEE/ACM Transactions on Networking, 2012, 20, 1162-1175.                         | 3.8 | 35        |
| 23 | Tracing Cross Border Web Tracking. , 2018, , .   |     | 34        |
| 24 | Deep diving into BitTorrent locality. , 2011, , .  |     | 33        |
| 25 | Insomnia in the access. , 2011, , .  |     | 30        |
| 26 | Uplink allocation beyond choke/unchoke. , 2008, , .  |     | 28        |
| 27 | User Profiling in the Time of HTTPS. , 2016, , .   |     | 25        |
| 28 | Distributed Selfish Caching. IEEE Transactions on Parallel and Distributed Systems, 2007, 18, 1361-1376.   | 5.6 | 24        |
| 29 | Negotiating Premium Peering Prices. ACM Transactions on Internet Technology, 2016, 16, 1-22.   | 4.4 | 24        |
| 30 | Insomnia in the access. Computer Communication Review, 2011, 41, 338-349.  | 1.8 | 22        |
| 31 | Designing an on-line ride-sharing system. , 2015, , .  |     | 21        |
| 32 | Quantifying the potential of ride-sharing using call description records. , 2013, , .  |     | 19        |
| 33 | Distributed Server Migration for Scalable Internet Service Deployment. IEEE/ACM Transactions on Networking, 2014, 22, 917-930.                     | 3.8 | 19        |
| 34 | When David helps Goliath. , 2012, , .  |     | 16        |
| 35 | Optimization of a packet video receiver under different levels of delay jitter: an analytical approach. Performance Evaluation, 2004, 55, 251-275. | 1.2 | 14        |
| 36 | 3GOL. , 2013, , .  |     | 13        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Web Identity Translator. , 2015, , .  |     | 13        |
| 38 | The Impact of Replacement Granularity on Video Caching. Lecture Notes in Computer Science, 2002, , 214-225.   | 1.3 | 13        |
| 39 | Deep diving into BitTorrent locality. , 2009, , .   |     | 13        |
| 40 | Collaborative Consumption for Mobile Broadband. , 2014, , .   |     | 12        |
| 41 | Who is Fiddling with Prices?. , 2017, , .   |     | 12        |
| 42 | Selfish Overlay Network Creation and Maintenance. IEEE/ACM Transactions on Networking, 2011, 19, 1624-1637.   | 3.8 | 10        |
| 43 | Sharing the cost of backbone networks. , 2012, , .  |     | 10        |
| 44 | Social-Aware Replication in Geo-Diverse Online Systems. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 584-593.                                       | 5.6 | 9         |
| 45 | Why Online Services Should Pay You for Your Data? The Arguments for a Human-Centric Data Economy. IEEE Internet Computing, 2019, 23, 29-35.                             | 3.3 | 9         |
| 46 | Identifying Sensitive URLs at Web-Scale. , 2020, , .  |     | 7         |
| 47 | Home is where the (fast) internet is. , 2010, , .   |     | 6         |
| 48 | From advertising profits to bandwidth prices. Performance Evaluation Review, 2014, 42, 29-32.   | 0.6 | 6         |
| 49 | Study of the Impact of Replacement Granularity and Associated Strategies on Video Caching. Cluster Computing, 2005, 8, 89-100.  | 5.0 | 5         |
| 50 | Sharing the cost of backbone networks: Simplicity vs. precision. , 2012, , .  |     | 5         |
| 51 | BitTorrent Locality and Transit TrafficReduction: When, Why, and at What Cost?. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1177-1189.             | 5.6 | 5         |
| 52 | EGOIST. , 2008, , .   |     | 5         |
| 53 | An analytical design of optimal playout schedulers for packet video receivers. Computer Communications, 2003, 26, 294-303.  | 5.1 | 4         |
| 54 | &lt;title&gt;The impact of playout policy on the performance of P2P live streaming: or how not to kill your P2P advantage&lt;/title&gt;. Proceedings of SPIE, 2008, , . | 0.8 | 4         |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 55 | Temporal Rate Limiting: Cloud elasticity at a flat fee. , 2012, , .  |      | 4         |
| 56 | Bounded Budget Connection (BBC) games or how to make friends and influence people, on a budget. Journal of Computer and System Sciences, 2014, 80, 1266-1284.  | 1.2  | 4         |
| 57 | Complexities in Internet peering: Understanding the &#x201C;Black&#x201D; in the &#x201C;Black Art&#x201D;. , 2015, , .  |      | 4         |
| 58 | Measuring Web Cookies in Governmental Websites. , 2022, , .  |      | 4         |
| 59 | Mistreatment-resilient distributed caching. Computer Networks, 2007, 51, 2917-2937.  | 5.1  | 3         |
| 60 | ITMgen &#x2014; A first-principles approach to generating synthetic interdomain traffic matrices. , 2013, , .  |      | 3         |
| 61 | SORS. , 2016, , .  |      | 3         |
| 62 | Data Transparency: Concerns and Prospects [Point of View]. Proceedings of the IEEE, 2018, 106, 1867-1871.  | 21.3 | 3         |
| 63 | What do information centric networks, trusted execution environments, and digital watermarking have to do with privacy, the data economy, and their future?. Computer Communication Review, 2021, 51, 32-38. | 1.8  | 3         |
| 64 | Storage Capacity Allocation Algorithms for Hierarchical Content Distribution. , 2004, , 179-191.   |      | 2         |
| 65 | Trade & Cap. , 2010, , .   |      | 2         |
| 66 | Local Utility Aware Content Replication. Lecture Notes in Computer Science, 2005, , 455-468.   | 1.3  | 2         |
| 67 | A Feedback Control Approach to Mitigating Mistreatment in Distributed Caching Groups. Lecture Notes in Computer Science, 2006, , 331-343.  | 1.3  | 2         |
| 68 | YourAdvalue: Measuring Advertising Price Dynamics without Bankrupting User Privacy. Proceedings of the ACM on Measurement and Analysis of Computing Systems, 2021, 5, 1-26.                                  | 1.8  | 2         |
| 69 | On the benefits of synchronized playout in peer-to-peer streaming. , 2006, , .   |      | 1         |
| 70 | On the impact of playout scheduling on the performance of peer-to-peer live streaming. Computer Networks, 2009, 53, 456-469.   | 5.1  | 1         |
| 71 | Bulk data transfers on the Internet or how to book some terabytes on red-eye bandwidth. , 2010, , .  |      | 1         |
| 72 | Empirical evaluation of energy saving margins in backbone networks. , 2013, , .  |      | 1         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | Data Transparency Lab Kick Off Workshop (DTL 2014) Report. Computer Communication Review, 2015, 45, 44-48.                                      | 1.8 | 1         |
| 74 | A PIMS Development Kit for New Personal Data Platforms. IEEE Internet Computing, 2022, 26, 79-84.   | 3.3 | 1         |
| 75 | Deep diving into BitTorrent locality. Performance Evaluation Review, 2010, 38, 349-350.   | 0.6 | 0         |
| 76 | A Trading System for Fairly Scheduling Fixed-Sized Delay Tolerant Jobs at a Shared Link. , 2010, , .  |     | 0         |
| 77 | Trade & Cap: A customer-managed, market-based system for trading bandwidth allowances at a shared link. Computer Networks, 2011, 55, 3959-3974. | 5.1 | 0         |
| 78 | Content Distribution Through Autonomic Content and Storage Management. Lecture Notes in Computer Science, 2005, , 69-78.                        | 1.3 | 0         |
| 79 | YourAdvalue. , 2022, , .  |     | 0         |
| 80 | YourAdvalue. Performance Evaluation Review, 2022, 50, 41-42.  | 0.6 | 0         |