

Popular articles, January 2020 – December 2024

(articles with over 50K downloads; data from ACM Digital Library, 4 April 2025; Terence Kelly tpkelly@acm.org)

CACM (total 1,458 articles; mean popularity: 7,961 downloads; median popularity: 5,788 downloads)

rank	downloads	issue	first author	title	URL
1	308,692	Jan 2023	Matt Welsh	The End of Programming	https://doi.org/10.1145/3570220
2	159,607	Jan 2024	Neil C. C. Brown	10 Things Software Developers Should Learn about Learning	https://doi.org/10.1145/3584859
3	158,912	Jul 2021	Yoshua Bengio	Deep learning for AI	https://doi.org/10.1145/3448250
4	126,133	Nov 2020	Ian Goodfellow	Generative adversarial networks	https://doi.org/10.1145/3422622
5	124,940	Jun 2021	Michael L. Littman	Collusion rings threaten the integrity of computer science resear...	https://doi.org/10.1145/3429776
6	99,569	Mar 2021	Neil C. Thompson	The decline of computers as a general purpose technology	https://doi.org/10.1145/3430936
7	95,137	Mar 2021	Chiyuan Zhang	Understanding deep learning (still) requires rethinking generaliz...	https://doi.org/10.1145/3446776
8	90,434	May 2022	Russ Cox	The Go programming language and environment	https://doi.org/10.1145/3488716
9	88,651	May 2021	Vanessa Sochat	The 10 best practices for remote software engineering	https://doi.org/10.1145/3459613
10	71,193	Jan 2022	Ben Mildenhall	NeRF: representing scenes as neural radiance fields for view synt...	https://doi.org/10.1145/3503250
11	70,427	Jul 2021	Travis Breaux	The 2021 software developer shortage is coming	https://doi.org/10.1145/3440753
12	60,728	Sep 2024	Esther Shein	The Impact of AI on Computer Science Education	https://doi.org/10.1145/3673428
13	60,648	Jan 2022	Lance Fortnow	Fifty years of P vs. NP and the possibility of the impossible	https://doi.org/10.1145/3460351
14	56,647	Sep 2020	Joseph M. Hellerstein	Keeping CALM: when distributed consistency is easy	https://doi.org/10.1145/3369736
15	54,066	Jul 2020	Norman P. Jouppi	A domain-specific supercomputer for training deep neural networks	https://doi.org/10.1145/3360307
16	52,095	Jun 2023	Johannes K. Fichte	The Silent (R)evolution of SAT	https://doi.org/10.1145/3560469
17	51,295	Aug 2020	Randy Connolly	Why computing belongs within the social sciences	https://doi.org/10.1145/3383444
18	51,210	Dec 2020	Roy Schwartz	Green AI	https://doi.org/10.1145/3381831

Queue (total 200 articles; mean popularity: 23,271 downloads; median popularity: 13,205 downloads)

rank	downloads	issue	first author	title	URL
1	755,010	Jan/Feb 2021	Nicole Forsgren	The SPACE of Developer Productivity	https://dl.acm.org/doi/10.1145/3454122.3454124
2	346,253	Mar/Apr 2023	Abi Noda	DevEx: What Actually Drives Productivity	https://dl.acm.org/doi/10.1145/3595878
3	107,735	Jan/Feb 2023	Terence Kelly	Catch-23: The New C Standard	https://dl.acm.org/doi/10.1145/3588242
4	74,971	May/June 2021	Poul-Henning Kamp	What Went Wrong?: ... IT accident...board	https://dl.acm.org/doi/10.1145/3475965.3475967
5	73,090	Mar/Apr 2023	Edlyn V. Levine	Cargo Cult AI	https://dl.acm.org/doi/10.1145/3595860
6	70,883	Mar/Apr 2020	Arvind Narayanan	Dark Patterns: Past, Present, and Future	https://dl.acm.org/doi/10.1145/3400899.3400901
7	63,935	Mar/Apr 2024	Terence Kelly	Zero Tolerance for Bias	https://dl.acm.org/doi/10.1145/3664645
8	62,461	Nov/Dec 2020	Terence Kelly	Offline Algorithms in Low-Frequency Trading	https://dl.acm.org/doi/10.1145/3442632.3448307
9	61,728	Jul/Aug 2022	Mache Creeger	The Rise of Fully Homomorphic Encryption	https://dl.acm.org/doi/10.1145/3561800
10	58,031	Mar/Apr 2021	Terence Kelly	Schrödinger's Code: Undefined behavior...	https://dl.acm.org/doi/10.1145/3466132.3468263
11	56,827	Sep/Oct 2022	Thomas A. Limoncelli	Split Your Overwhelmed Teams	https://dl.acm.org/doi/10.1145/3570920
12	55,462	Sep/Oct 2022	Peter Ward	Reinventing Backend Subsetting at Google	https://dl.acm.org/doi/10.1145/3570937
13	53,122	Nov/Dec 2023	David Chisnall	How to Design an ISA	https://dl.acm.org/doi/10.1145/3639445