Robert Kleinberg

List of Publications by Citations

47 papers	1,404 citations
19 h-index	37 g-index
48 ext. papers	1,702 ext. citations
1.5 avg, IF	4.76 L-index

#	Paper	IF	Citations
47	Learning diverse rankings with multi-armed bandits **2008**,		219
46	A Knapsack Secretary Problem with Applications. *Lecture Notes in Computer Science*, **2007**, 16-28	0.9	86
45	Multi-armed bandits in metric spaces **2008**,		83
44	Online linear optimization and adaptive routing. *Journal of Computer and System Sciences*, **2008**, 74, 97-114	1	83
43	Adaptive limited-supply online auctions **2004**,		78
42	Bandits with Knapsacks **2013**,		72
41	Matroid prophet inequalities **2012**,		69
40	Broadcasting With Side Information: Bounding and Approximating the Broadcast Rate. *IEEE Transactions on Information Theory*, **2013**, 59, 5811-5823	2.8	64
39	Network Formation in the Presence of Contagious Risk. *ACM Transactions on Economics and Computation*, **2013**, 1, 1-20	1.6	56
38	The K-armed dueling bandits problem. *Journal of Computer and System Sciences*, **2012**, 78, 1538-1556	1	54
37	Regret bounds for sleeping experts and bandits. *Machine Learning*, **2010**, 80, 245-272	4	53
36	Lexicographic Products and the Power of Non-linear Network Coding **2011**,		50
35	Learning on a budget **2012**,		48
34	Multiplicative updates outperform generic no-regret learning in congestion games **2009**,		44
33	Dynamic Pricing with Limited Supply. *ACM Transactions on Economics and Computation*, **2015**, 3, 1-26	1.6	29
32	Improving ChristofidesaAlgorithm for the s-t Path TSP. *Journal of the ACM*, **2015**, 62, 1-28	2	29
31	Fast matrix multiplication is stable. *Numerische Mathematik*, **2007**, 106, 199-224	2.2	24

30	Dynamic pricing with limited supply **2012**,		23
29	On the capacity of information networks **2006**,		21
28	Congestion games with malicious players. *Games and Economic Behavior*, **2009**, 67, 22-35	1.1	18
27	Bandits with Knapsacks. *Journal of the ACM*, **2018**, 65, 1-55	2	17
26	Incentivizing exploration **2014**,		17
25	Competitive collaborative learning. *Journal of Computer and System Sciences*, **2008**, 74, 1271-1288	1	17
24	Pricing Randomized Allocations **2010**,		16
23	Improving christofidesaalgorithm for the s-t path TSP **2012**,		16
22	Secretary Problems with Competing Employers. *Lecture Notes in Computer Science*, **2006**, 389-400	0.9	15
21	Analyzing Quadratic Unconstrained Binary Optimization Problems Via Multicommodity Flows. *Discrete Applied Mathematics*, **2009**, 157, 3746-3753	1	14
20	Load balancing without regret in the bulletin board model. *Distributed Computing*, **2011**, 24, 21-29	1.2	13
19	Beating 1-1/e for ordered prophets **2017**,		12
18	Bandits and Experts in Metric Spaces. *Journal of the ACM*, **2019**, 66, 1-77	2	9
17	Anytime algorithms for multi-armed bandit problems **2006**,		8
16	Matroid Secretary Problems. *Journal of the ACM*, **2018**, 65, 1-26	2	8
15	Characterizing truthful mechanisms with convex type spaces **2008**, 7, 1-9		6
14	Load balancing without regret in the bulletin board model **2009**,		5
13	Merlin: A Language for Managing Network Resources. *IEEE/ACM Transactions on Networking*, **2018**, 26, 2188-2201	3.8	5

12	Secretary Problems with Non-Uniform Arrival Order **2015**,		4
11	Descending Price Optimally Coordinates Search **2016**,		4
10	Matroid prophet inequalities and applications to multi-dimensional mechanism design. *Games and Economic Behavior*, **2019**, 113, 97-115	1.1	4
9	Stability and auctions in labor markets with job security. *Economics Letters*, **2017**, 154, 55-58	1.3	3
8	Optimal Contest Design for Simple Agents. *ACM Transactions on Economics and Computation*, **2016**, 4, 1-41	1.6	3
7	Approximately optimal auctions for correlated bidders. *Games and Economic Behavior*, **2015**, 92, 349-369	1.1	2
6	Delegated Search Approximates Efficient Search **2018**,		2
5	Approximation Algorithms for the Bottleneck Asymmetric Traveling Salesman Problem. *ACM Transactions on Algorithms*, **2021**, 17, 1-12	1.2	1
4	Localized Client-Server Load Balancing without Global Information. *SIAM Journal on Computing*, **2007**, 37, 1259-1279	1.1	
3	Full surplus extraction from samples. *Journal of Economic Theory*, **2021**, 193, 105230	1.4	
2	A diameter-revealing proof of the Bondy-Lovász lemma. *Information Processing Letters*, **2022**, 174, 106194	0.8	
1	Optimal stopping with behaviorally biased agents: The role of loss aversion and changing reference points. *Games and Economic Behavior*, **2022**, 133, 282-299	1.1	