

# Robert Kleinberg

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	A diameter-revealing proof of the Bondy-Lov�sz lemma. <i>Information Processing Letters</i> , <b>2022</b> , 174, 106194.	4.8	
46	Optimal stopping with behaviorally biased agents: The role of loss aversion and changing reference points. <i>Games and Economic Behavior</i> , <b>2022</b> , 133, 282-299	1.1	
45	Approximation Algorithms for the Bottleneck Asymmetric Traveling Salesman Problem. <i>ACM Transactions on Algorithms</i> , <b>2021</b> , 17, 1-12	1.2	1
44	Full surplus extraction from samples. <i>Journal of Economic Theory</i> , <b>2021</b> , 193, 105230	1.4	
43	Bandits and Experts in Metric Spaces. <i>Journal of the ACM</i> , <b>2019</b> , 66, 1-77	2	9
42	Matroid prophet inequalities and applications to multi-dimensional mechanism design. <i>Games and Economic Behavior</i> , <b>2019</b> , 113, 97-115	1.1	4
41	Bandits with Knapsacks. <i>Journal of the ACM</i> , <b>2018</b> , 65, 1-55	2	17
40	Delegated Search Approximates Efficient Search <b>2018</b> ,		2
39	Matroid Secretary Problems. <i>Journal of the ACM</i> , <b>2018</b> , 65, 1-26	2	8
38	Merlin: A Language for Managing Network Resources. <i>IEEE/ACM Transactions on Networking</i> , <b>2018</b> , 26, 2188-2201	3.8	5
37	Stability and auctions in labor markets with job security. <i>Economics Letters</i> , <b>2017</b> , 154, 55-58	1.3	3
36	Beating 1-1/e for ordered prophets <b>2017</b> ,		12
35	Optimal Contest Design for Simple Agents. <i>ACM Transactions on Economics and Computation</i> , <b>2016</b> , 4, 1-41	1.6	3
34	Descending Price Optimally Coordinates Search <b>2016</b> ,		4
33	Dynamic Pricing with Limited Supply. <i>ACM Transactions on Economics and Computation</i> , <b>2015</b> , 3, 1-26	1.6	29
32	Improving Christofides's Algorithm for the s-t Path TSP. <i>Journal of the ACM</i> , <b>2015</b> , 62, 1-28	2	29
31	Approximately optimal auctions for correlated bidders. <i>Games and Economic Behavior</i> , <b>2015</b> , 92, 349-369.	1.1	2

30	Secretary Problems with Non-Uniform Arrival Order <b>2015</b> ,		4
29	Incentivizing exploration <b>2014</b> ,		17
28	Bandits with Knapsacks <b>2013</b> ,		72
27	Broadcasting With Side Information: Bounding and Approximating the Broadcast Rate. <i>IEEE Transactions on Information Theory</i> , <b>2013</b> , 59, 5811-5823	2.8	64
26	Network Formation in the Presence of Contagious Risk. <i>ACM Transactions on Economics and Computation</i> , <b>2013</b> , 1, 1-20	1.6	56
25	Dynamic pricing with limited supply <b>2012</b> ,		23
24	The K-armed dueling bandits problem. <i>Journal of Computer and System Sciences</i> , <b>2012</b> , 78, 1538-1556	1	54
23	Matroid prophet inequalities <b>2012</b> ,		69
22	Learning on a budget <b>2012</b> ,		48
21	Improving christofidesalgorithm for the s-t path TSP <b>2012</b> ,		16
20	Load balancing without regret in the bulletin board model. <i>Distributed Computing</i> , <b>2011</b> , 24, 21-29	1.2	13
19	Lexicographic Products and the Power of Non-linear Network Coding <b>2011</b> ,		50
18	Pricing Randomized Allocations <b>2010</b> ,		16
17	Regret bounds for sleeping experts and bandits. <i>Machine Learning</i> , <b>2010</b> , 80, 245-272	4	53
16	Multiplicative updates outperform generic no-regret learning in congestion games <b>2009</b> ,		44
15	Load balancing without regret in the bulletin board model <b>2009</b> ,		5
14	Analyzing Quadratic Unconstrained Binary Optimization Problems Via Multicommodity Flows. <i>Discrete Applied Mathematics</i> , <b>2009</b> , 157, 3746-3753	1	14
13	Congestion games with malicious players. <i>Games and Economic Behavior</i> , <b>2009</b> , 67, 22-35	1.1	18

12	Multi-armed bandits in metric spaces <b>2008</b> ,		83
11	Learning diverse rankings with multi-armed bandits <b>2008</b> ,		219
10	Competitive collaborative learning. <i>Journal of Computer and System Sciences</i> , <b>2008</b> , 74, 1271-1288	1	17
9	Online linear optimization and adaptive routing. <i>Journal of Computer and System Sciences</i> , <b>2008</b> , 74, 97-114		83
8	Characterizing truthful mechanisms with convex type spaces <b>2008</b> , 7, 1-9		6
7	Fast matrix multiplication is stable. <i>Numerische Mathematik</i> , <b>2007</b> , 106, 199-224	2.2	24
6	A Knapsack Secretary Problem with Applications. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 16-28	0.9	86
5	Localized Client-Server Load Balancing without Global Information. <i>SIAM Journal on Computing</i> , <b>2007</b> , 37, 1259-1279	1.1	
4	On the capacity of information networks <b>2006</b> ,		21
3	Anytime algorithms for multi-armed bandit problems <b>2006</b> ,		8
2	Secretary Problems with Competing Employers. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 389-400	0.9	15
1	Adaptive limited-supply online auctions <b>2004</b> ,		78