Adam Kapelner

List of Publications by Year
in descending order

32 papers	1,669 citations	840776 11 h-index	552781 26 g-index
33 all docs	33 docs citations	33 times ranked	2087 citing authors

#	Article	IF	Citations
1	A matching procedure for sequential experiments that iteratively learns which covariates improve power. Biometrics, 2023, 79, 216-229.	1.4	3
2	Better experimental design by hybridizing binary matching with imbalance optimization. Canadian Journal of Statistics, 2023, 51, 275-292.	0.9	1
3	Optimal rerandomization designs via a criterion that provides insurance against failed experiments. Journal of Statistical Planning and Inference, 2022, 219, 63-84.	0.6	2
4	Do book consumers discriminate against Black, female, or young authors?. PLoS ONE, 2022, 17, e0267537.	2.5	0
5	Harmonizing Optimized Designs With Classic Randomization in Experiments. American Statistician, 2021, 75, 195-206.	1.6	13
6	Evaluating the Effectiveness of Personalized Medicine With Software. Frontiers in Big Data, 2021, 4, 572532.	2.9	5
7	Editorial: ML and AI Safety, Effectiveness and Explainability in Healthcare. Frontiers in Big Data, 2021, 4, 727856.	2.9	8
8	Treatment selection using prototyping in latent-space with application to depression treatment. PLoS ONE, 2021, 16, e0258400.	2.5	5
9	Solution Density Models as Functions of Sodium Chloride, Hydroxypropyl-Î²-cyclodextrin, and Temperature (278.15â€"333.15 K) via Progressive Linear and Stepwise Regression. Journal of Chemical & Engineering Data, 2020, 65, 4735-4750.	1.9	0
10	The Bayesian Additive Regression Trees Formula for Safe Machine Learning-Based Intraocular Lens Predictions. Frontiers in Big Data, 2020, 3, 572134.	2.9	8
11	Differential Treatment Benet Prediction for Treatment Selection in Depression: A Deep Learning Analysis of STAR*D and CO-MED Data. Computational Psychiatry, 2020, 4, 61.	2.0	14
12	Do Readers Judge Books by Author Gender? Results from a Randomized Experiment. Socius, 2019, 5, 237802311986889.	2.0	2
13	Nearly random designs with greatly improved balance. Biometrika, 2019, 106, 695-701.	2.4	17
14	Accelerating Adolescent Vocabulary Growth: Development of an Individualized, Web-Based, Vocabulary Instruction Program. Language, Speech, and Hearing Services in Schools, 2019, 50, 579-595.	1.6	4
15	Predicting Contextual Informativeness for Vocabulary Learning. IEEE Transactions on Learning Technologies, 2018, 11, 13-26.	3.2	8
16	Comparing gender discrimination and inequality in indie and traditional publishing. PLoS ONE, 2018, 13, e0195298.	2.5	9
17	An examination of biochemical parameters and their association with response to ketogenic dietary therapies. Epilepsia, 2017, 58, 893-900.	5.1	13
18	Optimal experimental designs for estimating Henry's law constants via the method of phase ratio variation. Journal of Chromatography A, 2016, 1468, 183-191.	3.7	2

#	Article	IF	Citations
19	PREDICTING INDIVIDUAL WELL-BEING THROUGH THE LANGUAGE OF SOCIAL MEDIA. , 2016, , .		74
20	bartMachine: Machine Learning with Bayesian Additive Regression Trees. Journal of Statistical Software, 2016, 70, .	3.7	141
21	Prediction with missing data via Bayesian Additive Regression Trees. Canadian Journal of Statistics, 2015, 43, 224-239.	0.9	64
22	Starvation of cancer via induced ketogenesis and severe hypoglycemia. Medical Hypotheses, 2015, 84, 162-168.	1.5	13
23	Peeking Inside the Black Box: Visualizing Statistical Learning With Plots of Individual Conditional Expectation. Journal of Computational and Graphical Statistics, 2015, 24, 44-65.	1.7	796
24	Matching onâ€theâ€fly: Sequential allocation with higher power and efficiency. Biometrics, 2014, 70, 378-388.	1.4	18
25	Variable selection for BART: An application to gene regulation. Annals of Applied Statistics, 2014, 8, .	1.1	91
26	Breaking monotony with meaning: Motivation in crowdsourcing markets. Journal of Economic Behavior and Organization, 2013, 90, 123-133.	2.0	236
27	Spatial organization of dendritic cells within tumor draining lymph nodes impacts clinical outcome in breast cancer patients. Journal of Translational Medicine, 2013, 11, 242.	4.4	41
28	Quantitative, Architectural Analysis of Immune Cell Subsets in Tumor-Draining Lymph Nodes from Breast Cancer Patients and Healthy Lymph Nodes. PLoS ONE, 2010, 5, e12420.	2.5	43
29	An InteractiveJavaStatistical Image Segmentation System:GemIdent. Journal of Statistical Software, 2009, 30, .	3.7	13
30	An Interactive Java Statistical Image Segmentation System: GemIdent. Journal of Statistical Software, 2009, 30, .	3.7	11
31	An Interactive Statistical Image Segmentation and Visualization System. , 2007, , .		6
32	Differential Treatment Benefit Prediction for Treatment Selection in Depression: A Deep Learning Analysis of STAR*D and CO-MED Data. SSRN Electronic Journal, 0, , .	0.4	1