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Publications

PUBLICATIONS

- Learning Passage Impacts for Inverted Indexes
  Mallia, A., Khattab, O., Suel, T., Tonellotto, N., ASSOC COMP MACHINERY
  ASSOC COMPUTING MACHINERY. 2021: 1723-1727

- Relevance-guided Supervision for OpenQA with ColBERT
  Transactions of the Association for Computational Linguistics
  Khattab, O., Potts, C., Zaharia, M.
  2021; 9: 929-944

- ColBERT: Efficient and Effective Passage Search via Contextualized Late Interaction over BERT
  Khattab, O., Zaharia, M., ACM
  ASSOC COMPUTING MACHINERY. 2020: 39-48

- Finding the Best of Both Worlds: Faster and More Robust Top-k Document Retrieval
  Khattab, O., Hammoud, M., Elsayed, T., ACM
  ASSOC COMPUTING MACHINERY. 2020: 1031-1040