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VALA 2024

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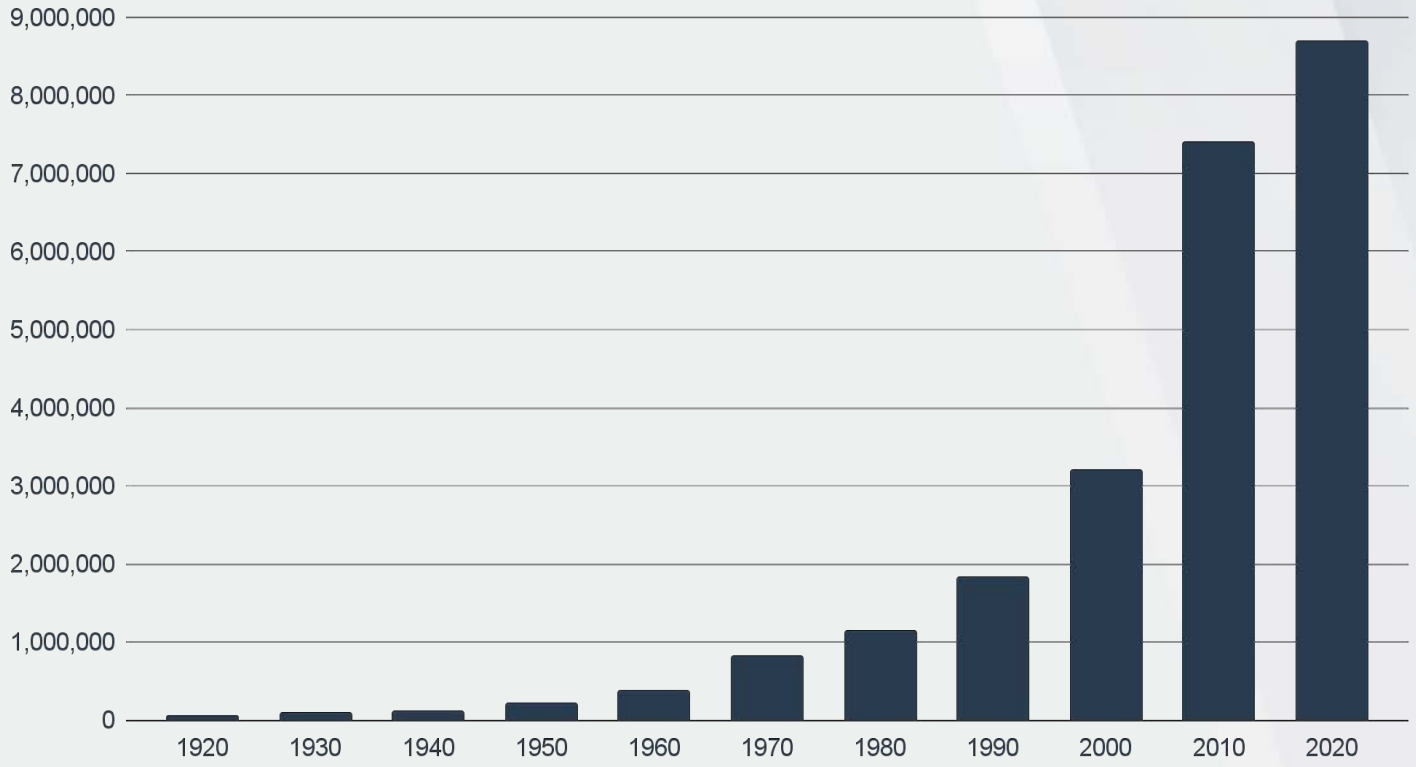

Priem, J., Piwowar, H., & Orr, R. (2022). OpenAlex: A fully-open index of scholarly works, authors, venues, institutions, and concepts. ArXiv. https://arxiv.org/abs/2205.01833

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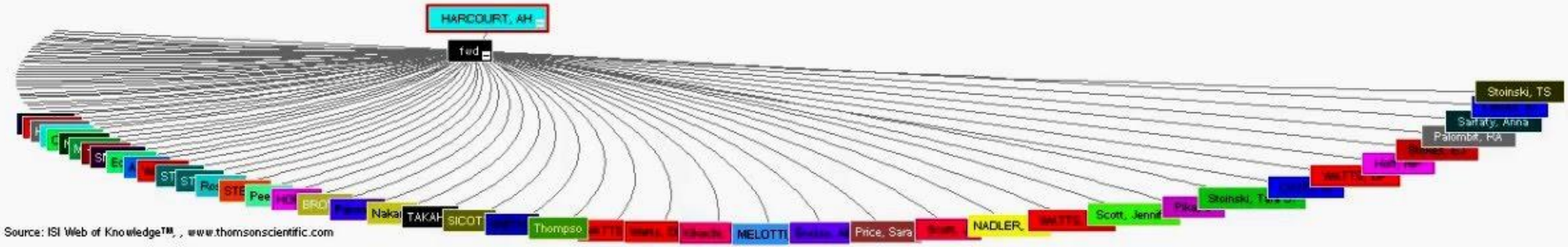

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Journal Title	ANIMAL BEHAVIOUR
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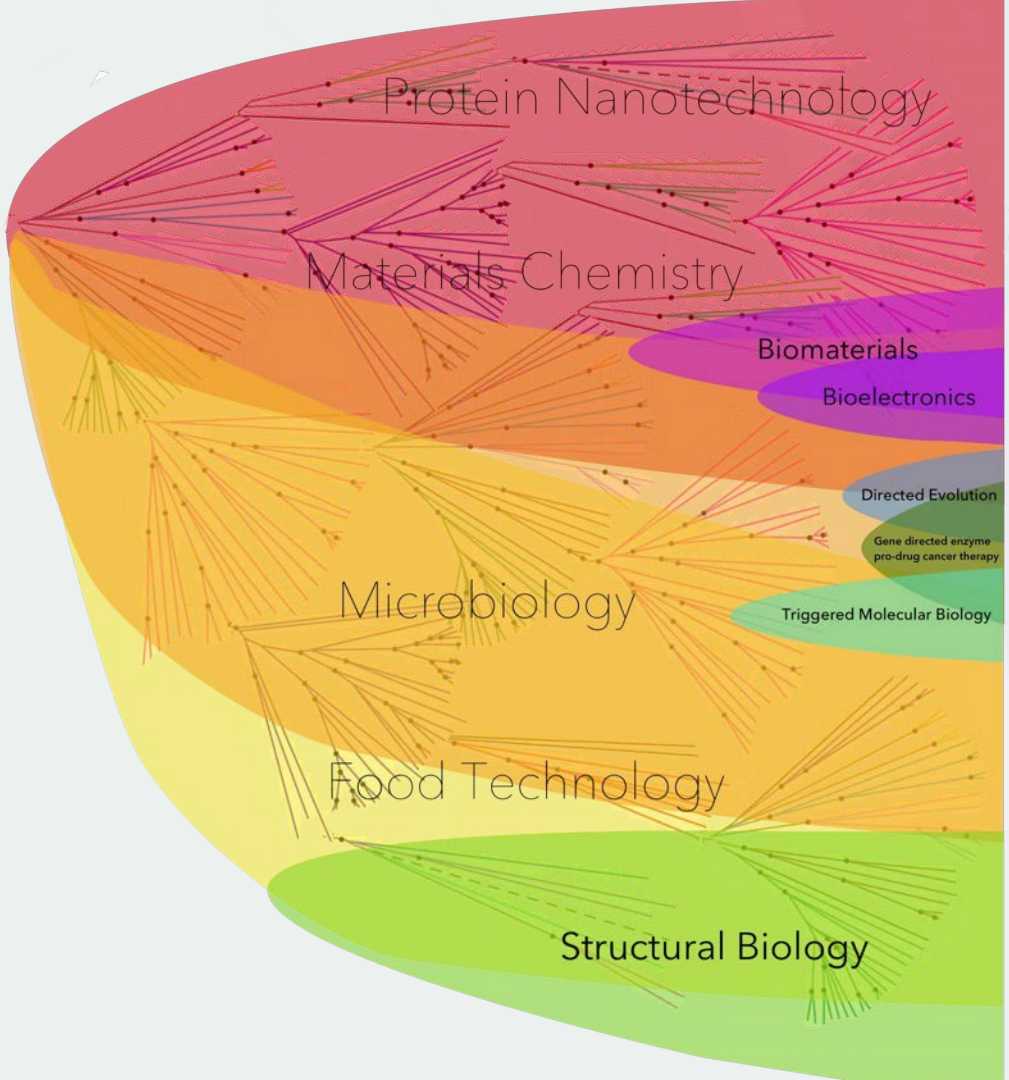
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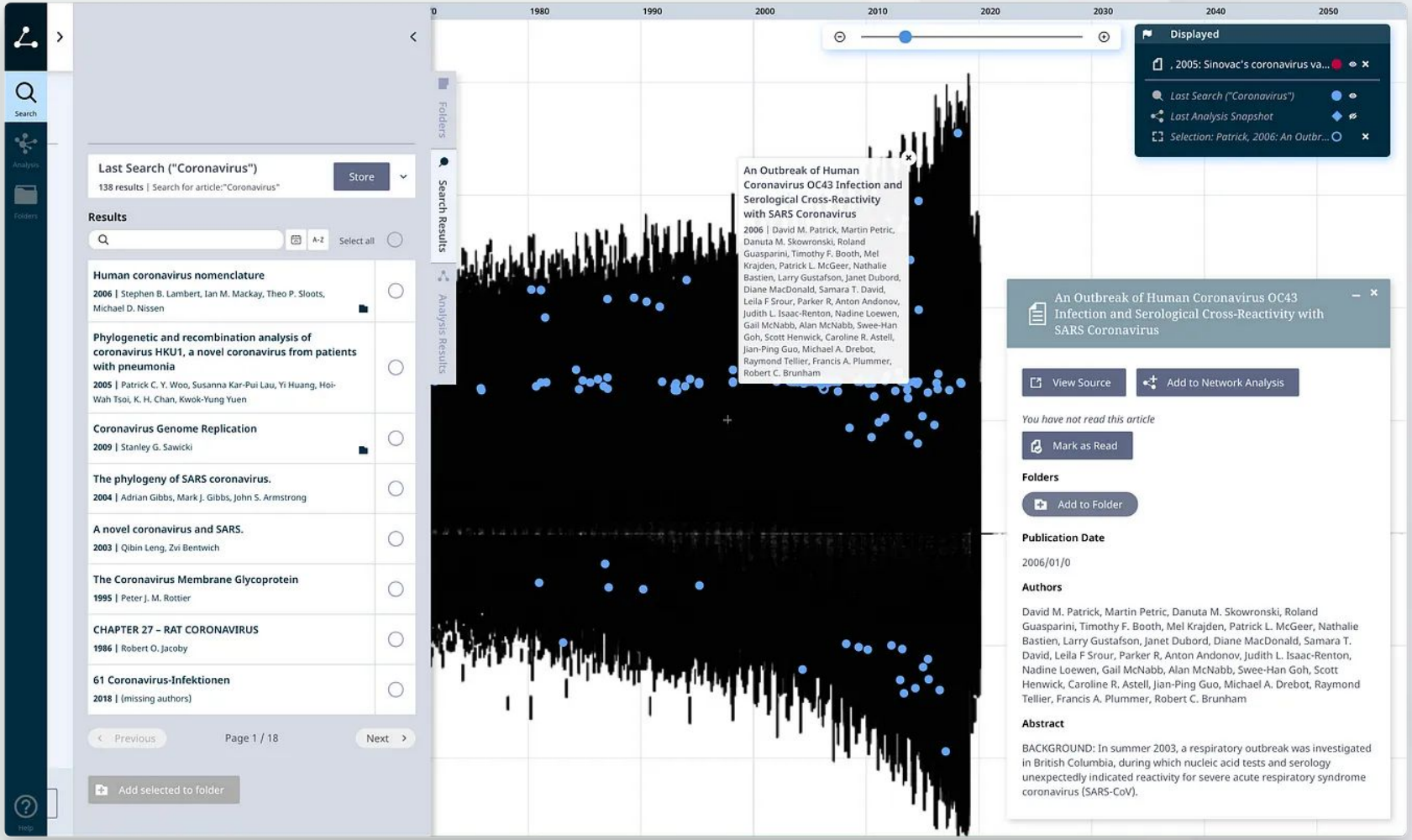
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2005 | Patrick C. Y. Woo, Susanna Kar-Pui Lau, Yi Huang, Hoi-Wah Tsoi, K. H. Chan, Kwok-Yung Yuen
Coronavirus Genome Replication
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The phylogeny of SARS coronavirus.
2004 | Adrian Gibbs, Mark J. Gibbs, John S. Armstrong
A novel coronavirus and SARS.
2003 | Qibin Leng, Zvi Bentwich
The Coronavirus Membrane Glycoprotein
1995 | Peter J. M. Rottier
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61 Coronavirus-Infektionen
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2006 | David M. Patrick, Martin Petric, Danuta M. Skowronski, Roland Guasparini, Timothy F. Booth, Mel Krajden, Patrick L. McGeer, Nathalie Bastien, Larry Gustafson, Janet Dubord, Diane MacDonald, Samara T. David, Leila F Srour, Parker R, Anton Andonov, Judith L. Isaac-Renton, Nadine Loewen, Gail McNabb, Alan McNabb, Swee-Han Goh, Scott Henwick, Caroline R. Astell, Jian-Ping Guo, Michael A. Drebot, Raymond Tellier, Francis A. Plummer, Robert C. Brunham
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Abstract
BACKGROUND: In summer 2003, a respiratory outbreak was investigated in British Columbia, during which nucleic acid tests and serology unexpectedly indicated reactivity for severe acute respiratory syndrome coronavirus (SARS-CoV).

How did we get here?

Peroxiredoxin

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2019 | Wei Si, Haojie Yang, Jingjie Sha, Yin Zhang, Yunfei Chen

Peroxiredoxins: a historical overview and speculative preview of novel mechanisms and emerging concepts in cell signaling.
2005 | Sue Goo Rhee, Ho Zoon Chae, Kanghwa Kim

Peroxiredoxin Evolution and the Regulation of Hydrogen Peroxide Signaling
2003 | Zachary A. Wood, Leslie B. Poole, P. Andrew Karplus

A primer on peroxiredoxin biochemistry.
2015 | P. Andrew Karplus

Formation, TEM study and 3D reconstruction of the human erythrocyte peroxiredoxin-2 dodecahedral higher-order assembly
2007 | Ulrich Meissner, Ewald Schröder, Dirk Scheffler, Andreas G. Martin, J. Robin Harris

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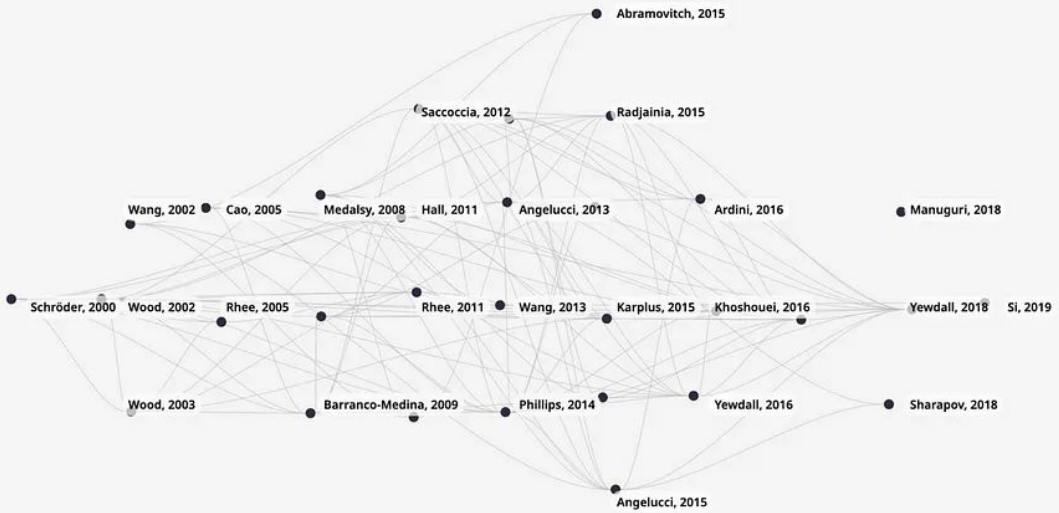

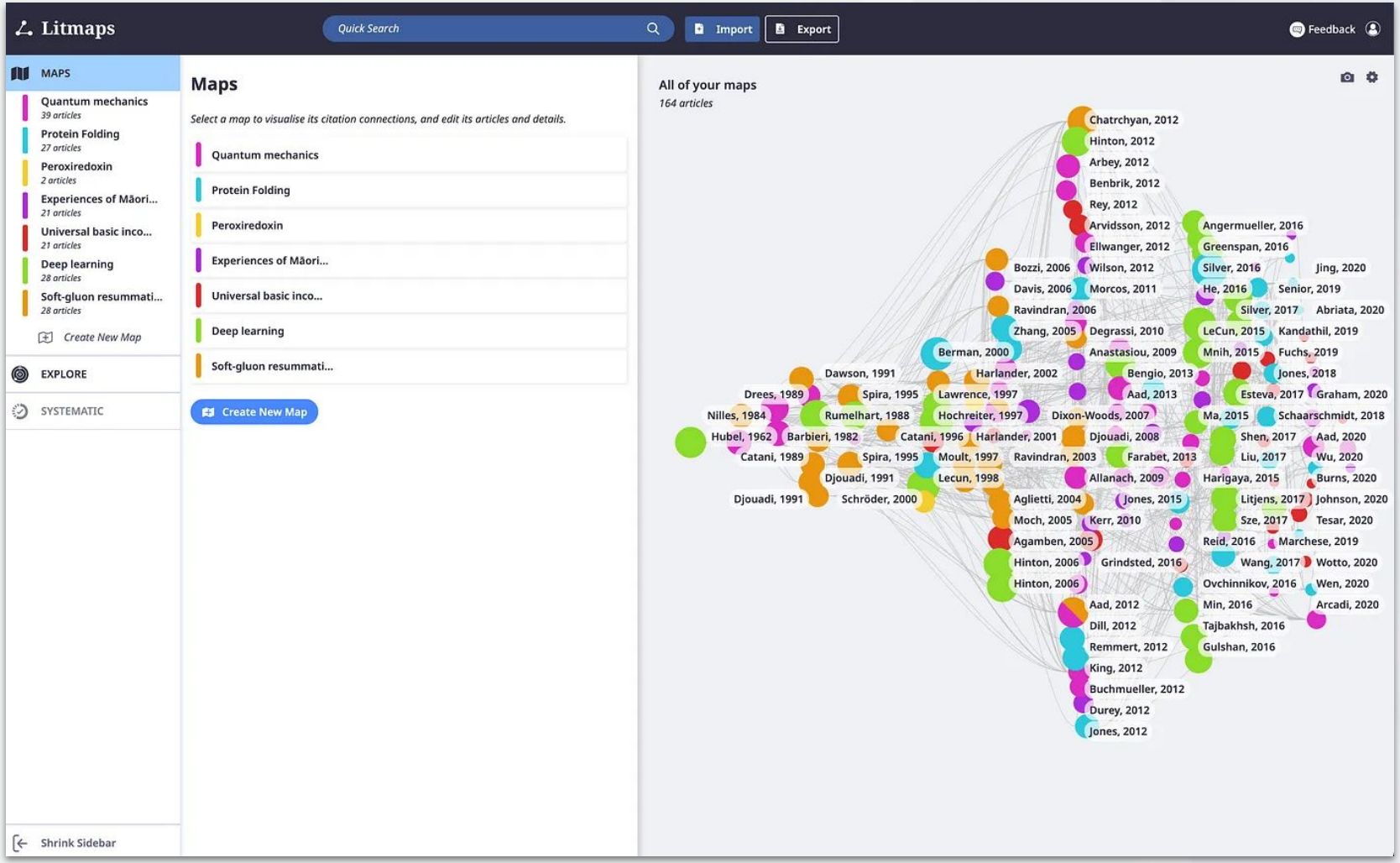
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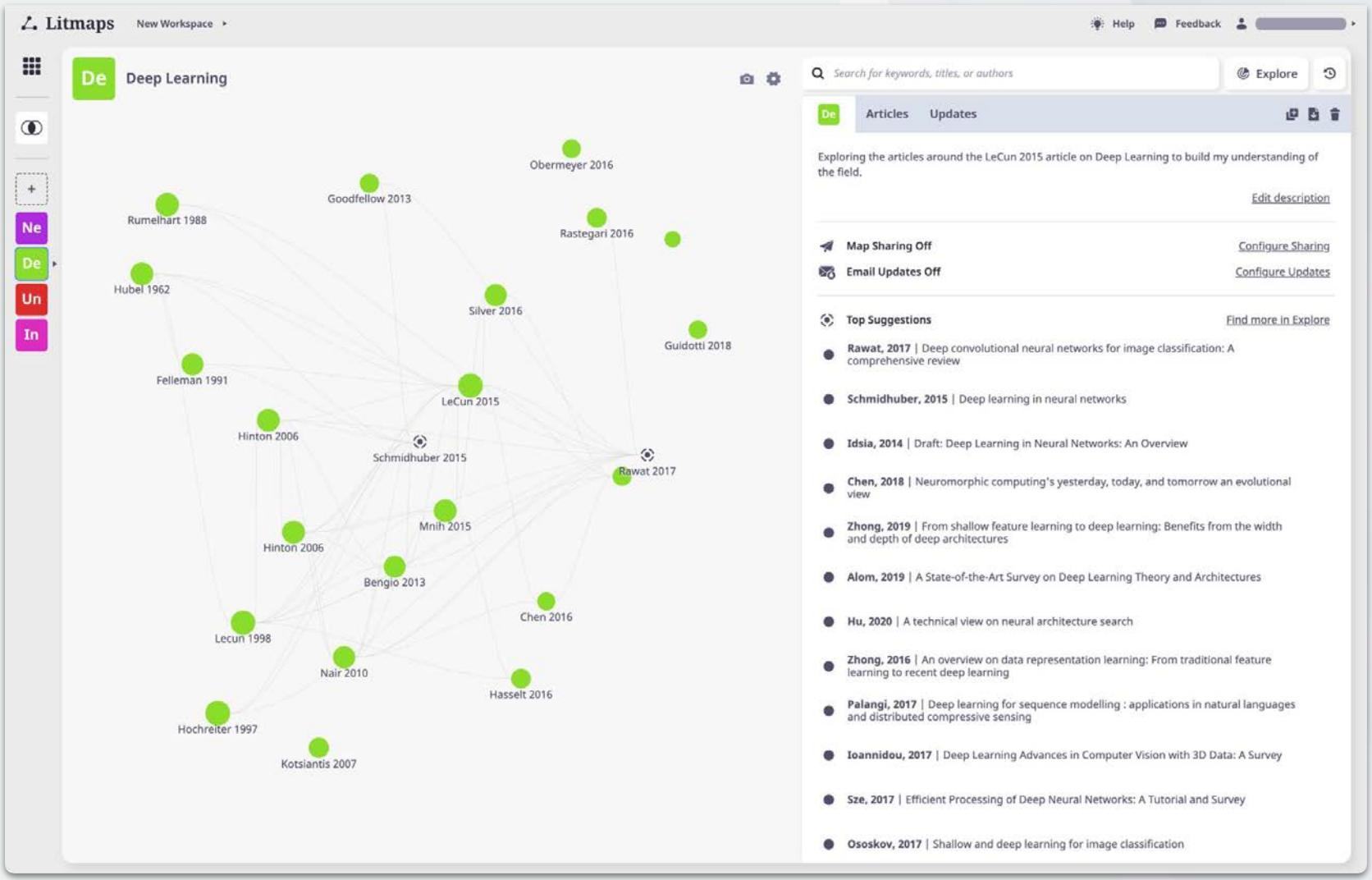
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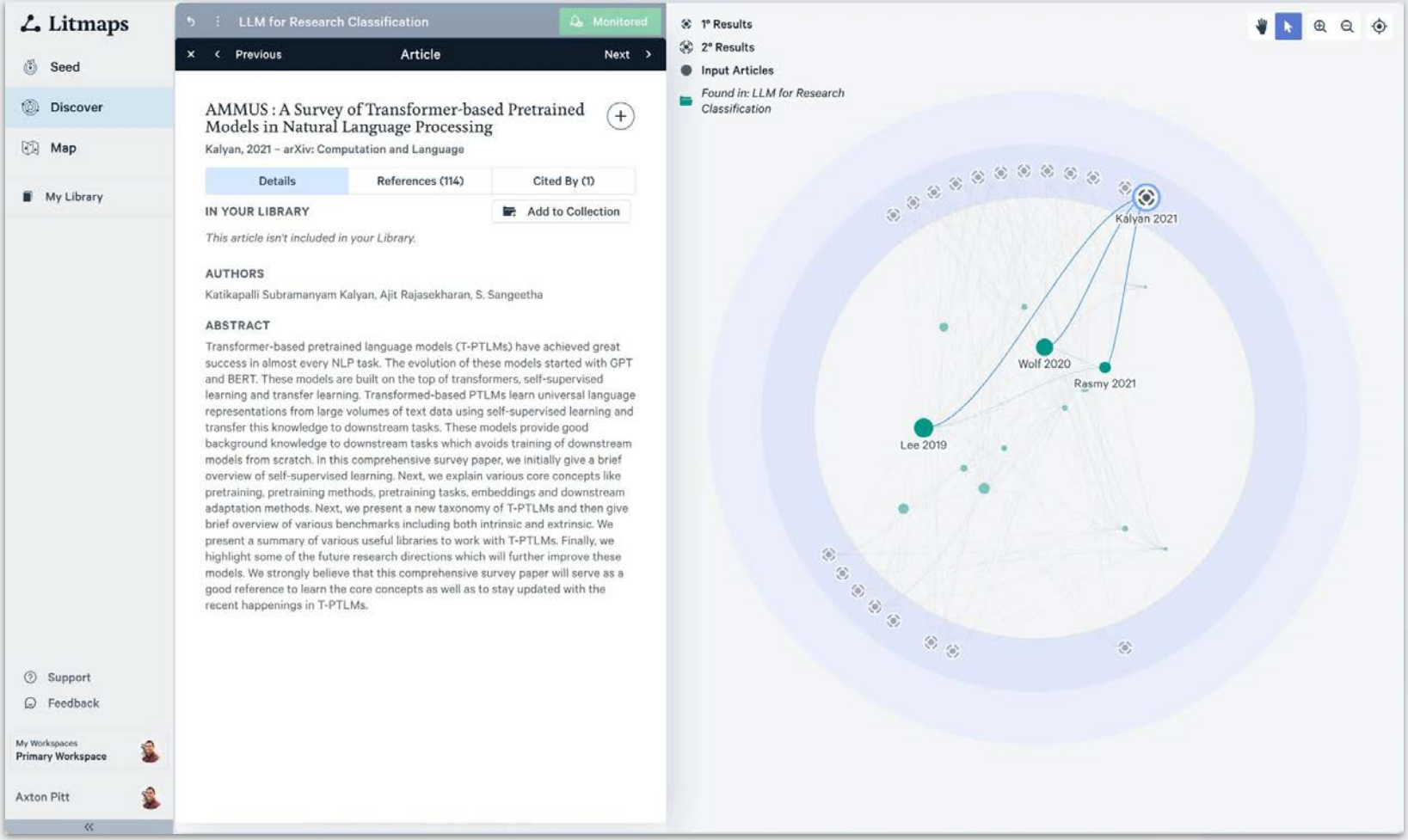
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ABSTRACT
Transformer-based pretrained language models (T-PTLMs) have achieved great success in almost every NLP task. The evolution of these models started with GPT and BERT. These models are built on the top of transformers, self-supervised learning and transfer learning. Transformed-based PTLMs learn universal language representations from large volumes of text data using self-supervised learning and transfer this knowledge to downstream tasks. These models provide good background knowledge to downstream tasks which avoids training of downstream models from scratch. In this comprehensive survey paper, we initially give a brief overview of self-supervised learning. Next, we explain various core concepts like pretraining, pretraining methods, pretraining tasks, embeddings and downstream adaptation methods. Next, we present a new taxonomy of T-PTLMs and then give brief overview of various benchmarks including both intrinsic and extrinsic. We present a summary of various useful libraries to work with T-PTLMs. Finally, we highlight some of the future research directions which will further improve these models. We strongly believe that this comprehensive survey paper will serve as a good reference to learn the core concepts as well as to stay updated with the recent happenings in T-PTLMs.
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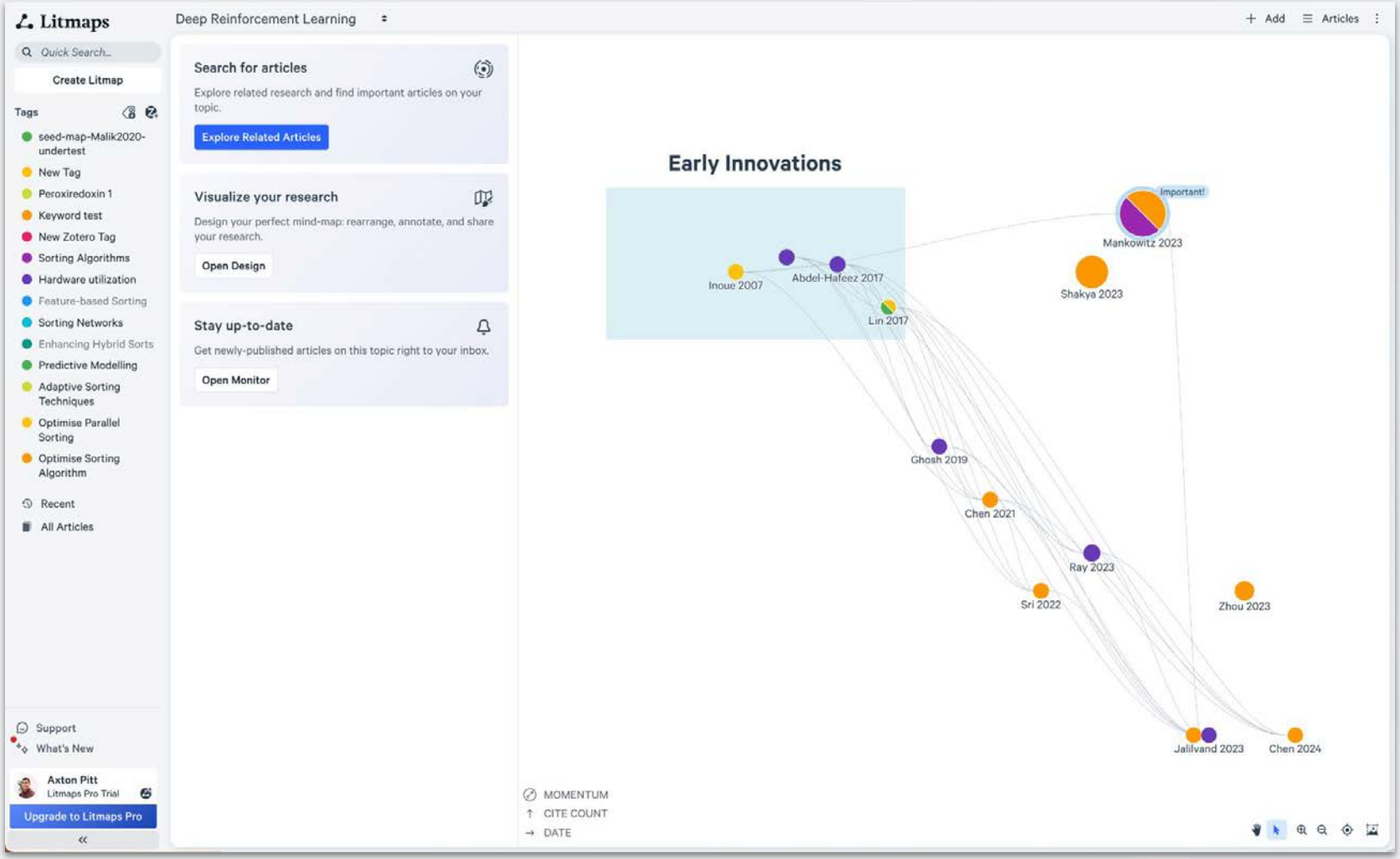
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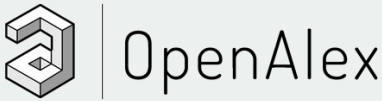
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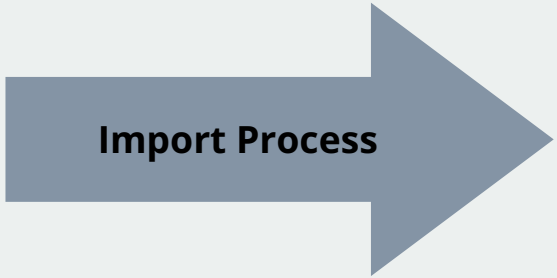
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