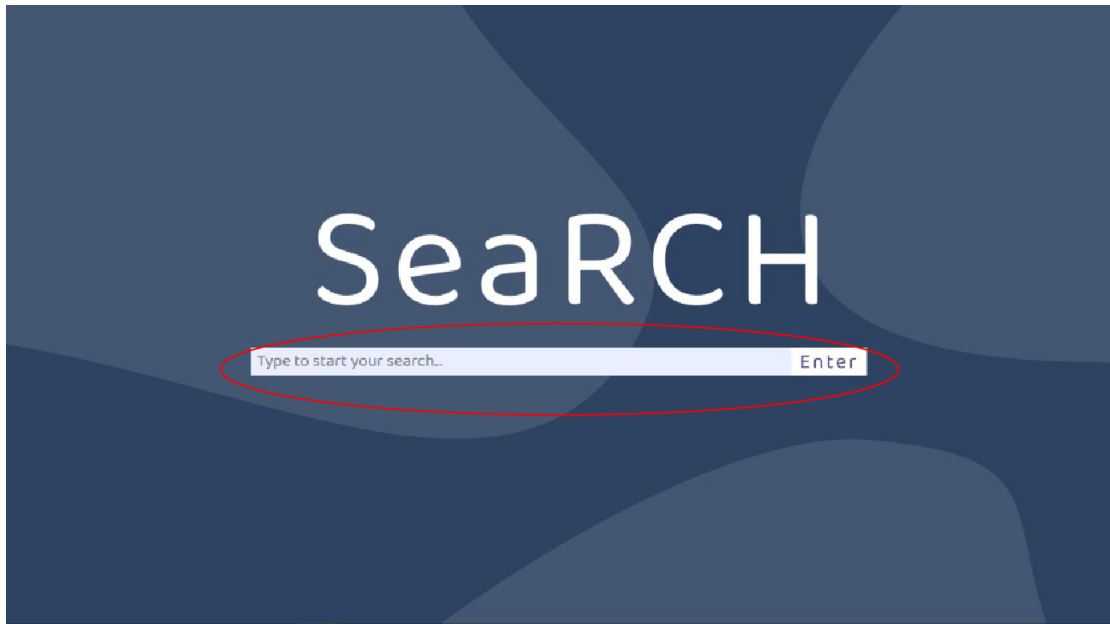


## User's Manual

With the open web site, you will be taken to the home page. Here you can see the window, where you can type what you want to search.



Then click the button "Enter" or press space on the keyboard.



Then you will be taken to the page with results:

Year

Author

Type to start your search

Basic

Deep

2019

['Vincent Cohen-Addad', 'Niklas Oskar D. Hjuler', 'Nikos Parotsidis', 'David Saulpic', 'Chris Schwiiegelshohn']

Fully Dynamic Consistent Facility Location

Twitter data set <https://github.com/24T/HubertChanA/GuerqinM/Sozio>. Fully dynamic k-center clustering. In Proceedings of the 2018 World Wide Web Conference on World Wide Web WWW pages 579587 2018.19 G Goranci M Henzinger and D Leniowski. A tree structure for dynamic facility location. In 26th Annual European Symposium on Algorithms ESA pages 3913913 2018.9 M Charikar C Chekuri T Feder and R Motwani. Incremental clustering and dynamic information retrieval. SIAM J

2019

['Xingyu Cai', 'Tingyang Xu', 'Jinfeng Yi', 'Junzhou Huang', 'Sanguthevar Rajasekaran']

DTWNet: a Dynamic Time Warping Network

Some interesting applications can be found in eg 6 14. The standard algorithm for computing Dynamic Time Warping involves a Dynamic Programming DP process. With the help of  $O(n^2)$  space a cost matrix  $C$  would be built sequentially where  $C[i][j] = \min(C[i][j-1], C[i-1][j]) + 1$ . Here  $\|x\|_1$  denotes the norm of  $x$ .  $\|x\|_1$  eg  $\|p\|_1 = 2$  or  $\dots$  25 FeiYue Wang Jie Zhang Qinglai Wei Xinhui Zheng and Li Li. Pdp parallel dynamic programming. IEEECAA Journal of Automatica Sinica 4115 2017.22 Peter Steffen Robert Giegerich and Mathieu Giraud. Gpu parallelization of algebraic dynamic programming. In International Conference on Parallel Processing and Applied Mathematics pages 290299

2019

['Karim Ahmed', 'Lorenzo Torresani']

STAR-Caps: Capsule Networks with Straight-Through Attentive Routing

Here you can see the year the article was written, it's authors, name of the article and piece of the article with relevant requested content.

**Basic search** is a 'Google' type search using keywords that will retrieve results containing one or more of the keywords you enter into the Search field. Initial search from the home page is a **basic** search by default.

You can filter results by year and author.

Year

Author

Type to start your search

Basic

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2019 [Karim Ahmed, Lorenzo Torresani]  
[STAR-Caps: Capsule Networks with Straight-Through Attentive Routing](#)

To continue basic search, click the blue button “Basic”:

Year  Author

Type to start your search

2019 [Vincent Cohen-Addad, Niklas Oskar D. Hjuler, Nikos Parotsidis, David Saulpic, Chris Schwiegelshohn]  
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2019 [Karim Ahmed, Lorenzo Torresani]  
[STAR-Caps: Capsule Networks with Straight-Through Attentive Routing](#)

There is an additional option of search called “Deep search”.

**Deep search** is a search article by a dataset.

If you want to search for articles with a particular dataset, you have to type name of dataset here:

Year  Author

Type to start your search

Basic Deep

2019 [Vincent Cohen-Addad, 'Niklas Oskar D. Hjuler', 'Nikos Parotsidis', 'David Saulpic', 'Chris Schwiegelshohn']  
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2019 [Karim Ahmed, 'Lorenzo Torresani']  
[STAR-Caps: Capsule Networks with Straight-Through Attentive Routing](#)

and click the beige button “Deep”:

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2019 [Karim Ahmed, 'Lorenzo Torresani']  
[STAR-Caps: Capsule Networks with Straight-Through Attentive Routing](#)

Then you will receive the following page with articles containing such or similar dataset:

Year

Author

Type to start your search

BasicDeep

2019

[ 'Yang Song', 'Chenlin Meng', 'Stefano Ermon' ]

MintNet: Building Invertible Neural Networks with Masked Convolutions

SST

dataset\_piece

2019

[ 'Alix LHERITIER', 'Frederic Cazals' ]

Low-Complexity Nonparametric Bayesian Online Prediction with Universal Guarantees

SST

dataset\_piece

2019

[ 'Lin Chen', 'Hossein Esfandiari', 'Gang Fu', 'Vahab Mirrokni' ]

Locality-Sensitive Hashing for F-Divergences: Mutual Information Loss and Beyond

SST

dataset\_piece

Request: "sst" Results: (3)

Here you see the year, where the article was written, article's authors, name of dataset, and the part in the articles, which contains the dataset.