



**Submission Data for 2020-2021 CORE conference Ranking process
International Conference on Learning Representations**

Alexander Rush, Hugo LaRoche

Conference Details

Conference

Title: International Conference on Learning Representations
Acronym : ICLR

Requested Rank

Rank: A*

Primarily CS

Is this conference primarily a CS venue: True

Location

Not commonly held within a single country, set of countries, or region.

DBLP Link

DBLP url: <https://dblp.uni-trier.de/db/conf/iclr/index.html>

FoR Codes

For1: 4611
For2: SELECT
For3: SELECT

Recent Years

Proceedings Publishing Style

Proceedings Publishing: self-contained
Link to most recent proceedings: <https://openreview.net/group?id=ICLR.cc/2020/Conference>
Further details: We don't have a publisher. Instead we host our publications on OpenReview

Most Recent Years

Most Recent Year

Year: 2019
URL: <https://iclr.cc/Conferences/2019>
Location: New Orleans, Louisiana, USA
Papers submitted: 1591
Papers published: 500
Acceptance rate: 31
Source for numbers: <https://github.com/lixin4ever/Conference-Acceptance-Rate>

General Chairs

Name: Tara Sainath
Affiliation: Google
Gender: F
H Index: 50
GScholar url: <https://scholar.google.com/citations?hl=en&user=aMetU4AAAAJ>
DBLP url: <https://dblp.org/pid/28/7825.html>

Program Chairs

Name: Alexander Rush
Affiliation: Cornell University
Gender: M
H Index: 34
GScholar url: <https://scholar.google.com/citations?user=LIjnUGgAAAAJ&hl=en&oi=ao>
DBLP url: <https://dblp.org/pid/67/9012.html>

Name: Sergey Levine
Affiliation: University of California Berkeley, Google
Gender: M
H Index: 84
GScholar url: <https://scholar.google.com/citations?hl=en&user=8R35rCwAAAAJ>
DBLP url: <https://dblp.org/pid/80/7594.html>

Name: Karen Livescu
Affiliation: TTI-Chicago
Gender: F
H Index: 40
GScholar url: <https://scholar.google.com/citations?hl=en&user=kCYbVqOAAAAJ>
DBLP url: <https://dblp.org/pid/51/2464.html>

Name: Shakir Mohamed
Affiliation: Google DeepMind
Gender: M
H Index: 29
GScholar url: <https://scholar.google.com/citations?hl=en&user=cIIDEugAAAAJ>
DBLP url: <https://dblp.org/pid/03/6063.html>

Second Most Recent Year

Year: 2018
URL: <https://iclr.cc/Conferences/2018>
Location: Vancouver, Canada
Papers submitted: 981
Papers published: 314
Acceptance rate: 32
Source for numbers: <https://github.com/lixin4ever/Conference-Acceptance-Rate>

General Chairs

Name: Yoshua Bengio
Affiliation: Universite de Montreal, mila, IVADO, CIFAR
Gender: M
H Index: 170
GScholar url: <https://scholar.google.com/citations?user=kukA0LcAAAAJ&hl=en&oi=ao>
DBLP url: <https://dblp.org/pid/56/953.html>

Name: Yann LeCun
Affiliation: New York University, Facebook
Gender: M
H Index: 124
GScholar url: <https://scholar.google.com/citations?user=WLN3QrAAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/1/YannLeCun.html>

Program Chairs

Name: Tara Sainath Affiliation: Google Gender: F H Index: 50 GScholar url: https://scholar.google.com/citations?hl=en&user=aMetU4AAAAJ DBLP url: https://dblp.org/pid/28/7825.html
Name: Ian Murray Affiliation: University of Edinburgh Gender: M H Index: 29 GScholar url: https://scholar.google.com/citations?hl=en&user=4BEvaw8AAAAJ DBLP url: https://dblp.org/pid/82/384.html
Name: Marc'Aurelio Ranzato Affiliation: Facebook Gender: M H Index: 47 GScholar url: https://scholar.google.com/citations?user=NbXF7T8AAAAJ&hl=en DBLP url: https://dblp.org/pid/28/1732.html
Name: Oriol Vinyals Affiliation: Google DeepMind Gender: M H Index: 72 GScholar url: https://scholar.google.com/citations?hl=en&user=NkzyCvUAAAAJ DBLP url: https://dblp.org/pid/05/726.html

Third Most Recent Year

Year: 2017

URL: <https://iclr.cc/archive/www/2017.html>

Location: Toulon, France

Papers submitted: 507

Papers published: 198

Acceptance rate: 39

Source for numbers: <https://github.com/lixin4ever/Conference-Acceptance-Rate>

General Chairs

Name: Yoshua Bengio Affiliation: Universite de Montreal, mila, IVADO, CIFAR Gender: M H Index: 170 GScholar url: https://scholar.google.com/citations?user=kukA0LcAAAAJ&hl=en&oi=ao DBLP url: https://dblp.org/pid/56/953.html
Name: Yann LeCun Affiliation: New York University, Facebook Gender: M H Index: 124 GScholar url: https://scholar.google.com/citations?user=WLN3QrAAAAAJ&hl=en DBLP url: https://dblp.org/pid/1/YannLeCun.html

Program Chairs

Name: Marc'Aurelio Ranzato Affiliation: Facebook Gender: M H Index: 47 GScholar url: https://scholar.google.com/citations?user=NbXF7T8AAAAJ&hl=en DBLP url: https://dblp.org/pid/28/1732.html
Name: Hugo LaRoche Affiliation: Google Brain, mila Gender: M H Index: 51 GScholar url: https://scholar.google.com/citations?hl=en&user=U89FHq4AAAAJ DBLP url: https://dblp.org/pid/86/3862.html
Name: Oriol Vinyals Affiliation: Google DeepMind Gender: M H Index: 72 GScholar url: https://scholar.google.com/citations?hl=en&user=NkzyCvUAAAAJ DBLP url: https://dblp.org/pid/05/726.html
Name: Tara Sainath Affiliation: Google Gender: F H Index: 50 GScholar url: https://scholar.google.com/citations?hl=en&user=aMetU4AAAAJ DBLP url: https://dblp.org/pid/28/7825.html

Policies

Chair Selection: Previous year's Senior Program Chair and General Chair submit a long list based on the Area Chairs of that year. ICLR Board selects a Senior Program Chair and a shorter list of recommend Programs Chairs. Senior Program Chair selects the junior Program Chairs and Area Chairs. General Chair selects the the remaining chairs.

Policy name: Code of Conduct

Policy url: <https://iclr.cc/public/CodeOfConduct>

Policy name: Code of Ethics

Policy url: <https://iclr.cc/public/CodeOfEthics>

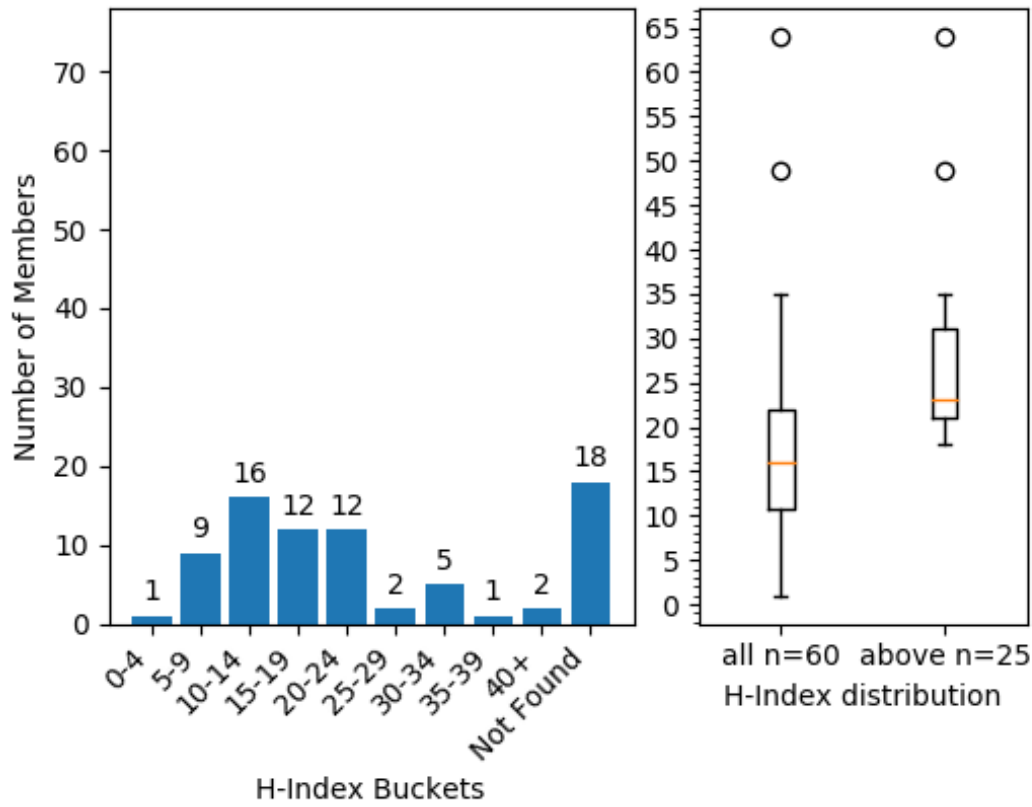
(Senior) Program Committee

Link to (s)pc: <https://iclr.cc/Conferences/2020/ProgramCommittee>

File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/ICLR_rvTTdyf.txt

H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_915.png

Information Contained within this graph is derived using the Elsevier Scopus Database 2021.



Data and Metrics

Google Scholar Metrics

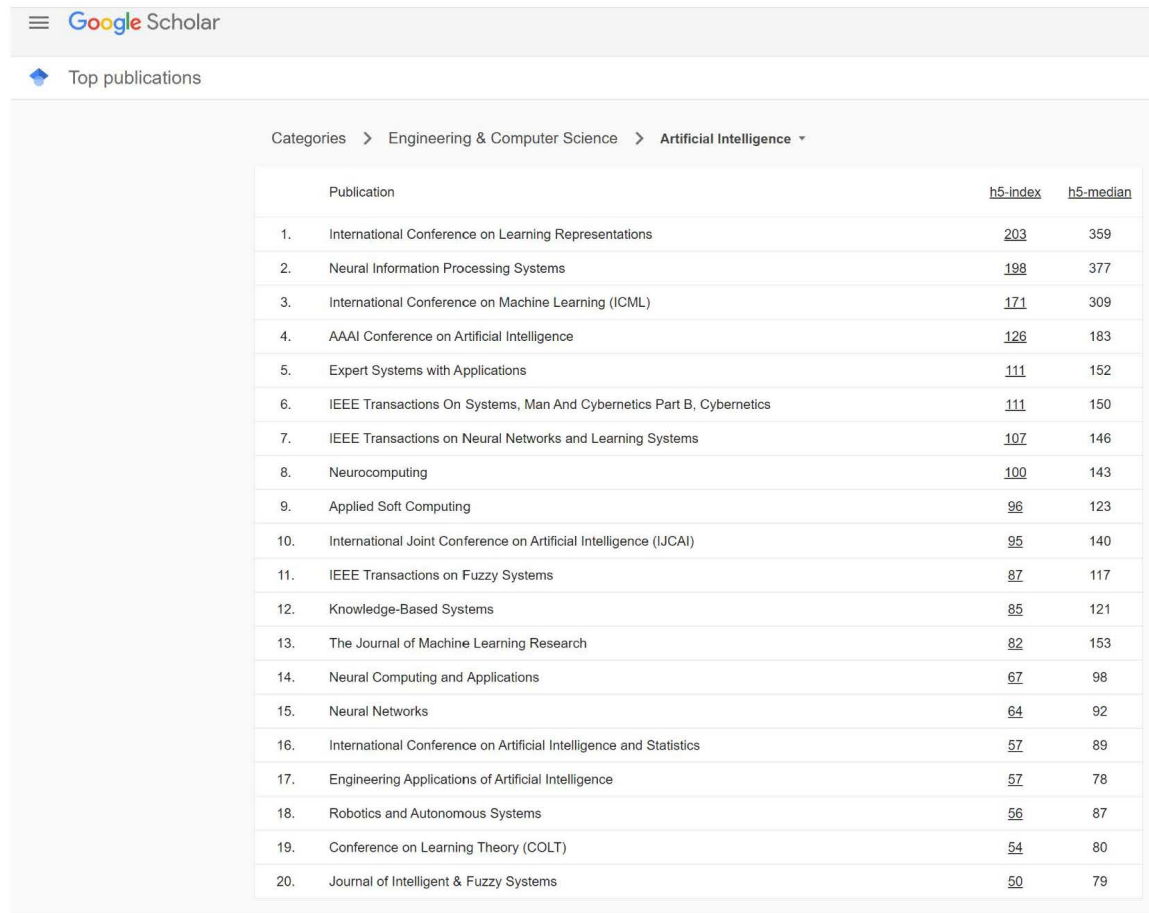
Sub-category url: https://scholar.google.es/citations?view_op=top_venues&hl=en&vq=eng_artificialintelligence

Position in sub-category: 1

Image of top 20:

http://portal.core.edu.au/core/media/changes_h5/ICLR_-_C-Metrics-Data_1_Google_Scholar_Metrics_Rank_1_JPEG.jpg

1. Google Scholar Metrics Rank



The screenshot shows the Google Scholar interface for the 'Artificial Intelligence' category. It displays a list of 20 top publications, ranked by their h5-index. The table includes columns for the publication name, h5-index, and h5-median.

	Publication	h5-index	h5-median
1.	International Conference on Learning Representations	203	359
2.	Neural Information Processing Systems	198	377
3.	International Conference on Machine Learning (ICML)	171	309
4.	AAAI Conference on Artificial Intelligence	126	183
5.	Expert Systems with Applications	111	152
6.	IEEE Transactions On Systems, Man And Cybernetics Part B, Cybernetics	111	150
7.	IEEE Transactions on Neural Networks and Learning Systems	107	146
8.	Neurocomputing	100	143
9.	Applied Soft Computing	96	123
10.	International Joint Conference on Artificial Intelligence (IJCAI)	95	140
11.	IEEE Transactions on Fuzzy Systems	87	117
12.	Knowledge-Based Systems	85	121
13.	The Journal of Machine Learning Research	82	153
14.	Neural Computing and Applications	67	98
15.	Neural Networks	64	92
16.	International Conference on Artificial Intelligence and Statistics	57	89
17.	Engineering Applications of Artificial Intelligence	57	78
18.	Robotics and Autonomous Systems	56	87
19.	Conference on Learning Theory (COLT)	54	80
20.	Journal of Intelligent & Fuzzy Systems	50	79

h5-index for this conference: 203

ACM Metrics

Not Sponsored by ACM

Aminer Rank

Aminer rank: 4

Aminer name: International Conference on Learning Representations

Acronym / shortname: ICLR

h-5 index: 166

CCF level: 0

THU level: A

Top Aminer Cites: http://portal.core.edu.au/core/media/conf_submissions_citations/ICLR_-_C-Metrics-Data_3_1_Top_Cited_Publications_1_yxExvNW.png

C: Metrics/Data

3.1 Top Aminer Citations

ICLR – Top Cited Publications

Link: <https://www.aminer.cn/conference/5efc2c881057c462c447415d>

1 Adam: A Method for Stochastic Optimization

[Diederik P. Kingma, Jimmy Lei Ba](#)

(2015) Cited by 49516

2 Unsupervised Representation Learning with Deep Convolutional Generative Adversarial Networks

Alec Radford, Luke Metz, [Soumith Chintala](#)

(2015) Cited by 6515

3 Semi-Supervised Classification with Graph Convolutional Networks

[Thomas N. Kipf, Max Welling](#)

(2017) Cited by 3961

4 Deep Compression: Compressing Deep Neural Network with Pruning, Trained Quantization and Huffman Coding

[Song Han, Huizi Mao, William J. Dally](#)

(2015) Cited by 3531

5 Multi-Scale Context Aggregation by Dilated Convolutions

[Fisher Yu, Vladlen Koltun](#)

(2016) Cited by 3289

6 Semantic Image Segmentation with Deep Convolutional Nets and Fully Connected CRFs

[Liang-Chieh Chen, George Papandreou, Iasonas Kokkinos, Kevin Murphy, Alan Loddon Yuille](#)

(2015) Cited by 2488

7 Fast and Accurate Deep Network Learning by Exponential Linear Units (ELUs)

[Djork-Arné Clevert, Thomas Unterthiner, Sepp Hochreiter](#)

(2015) Cited by 2422

8 Progressive Growing of GANs for Improved Quality, Stability, and Variation

[Tero Karras, Timo Aila, Samuli Laine, Jaakko Lehtinen](#)

(2018) Cited by 1790

9 Adversarial examples in the physical world

[Alexey Kurakin, Ian J. Goodfellow, Samy Bengio](#)

(2017) Cited by 1766

10 Neural Architecture Search with Reinforcement Learning

Barret Zoph, [Quoc V. Le](#)

(2017) Cited by 1726

Other Rankings

Not aware of any other Rankings

Conferences in area: 1. Neural Information Processing Systems Foundation (NeurIPS) 2. International Conference on Machine Learning (ICML) 3. International Conference on Learning Representations (ICLR) 4. Association for Computational Linguistics (ACL) 5. Conference on Computer Vision and Pattern Recognition (CVPR) 6. International Conference on Computer Vision (ICCV) 7. International Conference on Artificial Intelligence and Statistics (AISTATS) 8. Conference on Empirical Methods in Natural Language Processing (EMNLP) 9. Conference on Artificial Intelligence (AAAI) 10. Conference on Uncertainty in Artificial Intelligence (UAI)

Top People Publishing Here

name: Ilya Sutskever

justification: Chief Scientist of OpenAI Nb. 1 AI 2000 Machine Learning Most Influential Scholars by AMiner in ML (<https://www.aminer.org/ai2000/ml>)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	2	2	5	1

Attendance: ALWAYS

name: Geoff Hinton

justification: "Turing Award Winner Nb. 2 AI 2000 Machine Learning Most Influential Scholars by AMiner in ML (<https://www.aminer.org/ai2000/ml>)"

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	2	2	0	0

Attendance: OCCASIONALLY

name: Yoshua Bengio

justification: Turing Award Winner Nb. 3 AI 2000 Machine Learning Most Influential Scholars by AMiner in ML (<https://www.aminer.org/ai2000/ml>)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
12	7	9	1	3

Attendance: ALWAYS

name: Ian Goodfellow

justification: Director of Machine Learning at Apple Nb. 7 AI 2000 Machine Learning Most Influential Scholars by AMiner in ML (<https://www.aminer.org/ai2000/ml>)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
3	4	2	1	2

Attendance: OCCASIONALLY

name: Trevor Darrell

justification: Professor of Computer Science, U.C. Berkeley Nb. 6 AI 2000 Machine Learning Most Influential Scholars by AMiner in Computer Vision (<https://www.aminer.org/ai2000/cv>)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
4	2	1	2	0

Attendance: ALWAYS

name: Richard Socher

justification: Previous Chief Scientist (EVP) at Salesforce Nb. 2 AI 2000 Machine Learning Most Influential Scholars by AMiner in NLP (<https://www.aminer.org/ai2000/nlp>)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
6	6	4	0	0

Attendance: ALWAYS

name: Kyunghyun Cho

justification: Associate Professor at NYU Nb. 7 AI 2000 Machine Learning Most Influential Scholars by AMiner in NLP (<https://www.aminer.org/ai2000/nlp>)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	4	1	0	0

Attendance: OFTEN

name: Pieter Abbeel

justification: Professor at UC Berkeley Nb. 5 AI 2000 Machine Learning Most Influential Scholars by AMiner in Robotics (<https://www.aminer.org/ai2000/robotics>)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
5	6	7	1	0

Attendance: ALWAYS

name: David Silver

justification: Principal research scientist at DeepMind and a professor at University College London Nb. 13 AI 2000 Machine Learning Most Influential Scholars by AMiner in AI (<https://www.aminer.org/ai2000/ai>)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	1	1	2	1

Attendance: ALWAYS

name: Max Welling

justification: Professor at the University of Amsterdam and VP Technologies at Qualcomm Nb. 26 AI 2000 Machine Learning Most Influential Scholars by AMiner in ML (<https://www.aminer.org/ai2000/ml>)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
4	4	5	1	1

Attendance: OCCASIONALLY

Where People Publish

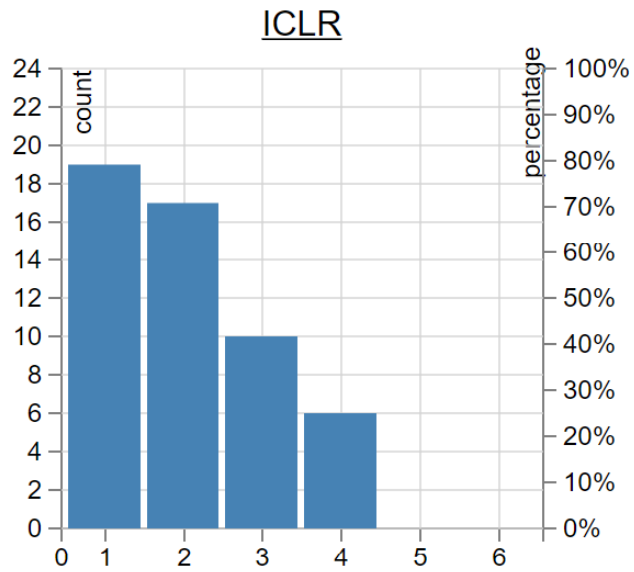
Top (Senior) Program Committee Members

Generated Report Name: conf_submissions_top_spc/addrank915_top_spc.csv

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/57sqo0Ba.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/graphical_representation_of_numbers_publishing_at_ICLR.PNG.png

Graphical Representation of Numbers Publishing at the
International Conference on Learning Representations



Reference item: \\ 2. International Conference on Learning Representations (ICLR)

This conference was published at 112 times by 19 of 24 experts in the last 5 years.

The experts that publish at this conference are: Lihong Li 0001(6), Karen Simonyan(4), Dilek Hakkani-Tr(1), Samy Bengio(11), Stefano Ermon(12), Matthew B. Blaschko(2), Dale Schuurmans(3), Richard Socher(21), Aleksander

Madry(6), Judy Hoffman(2), Dumitru Erhan(4), Ivan Titov(2), Yejin Choi(3), Dhruv Batra(4), Kyunghyun Cho(10), Graham Neubig(7), David Duvenaud(9), Yann N. Dauphin(4), Tom Schaul(2)

In 2017, there were 21 publications by 11 experts: Richard Socher, Lihong Li 0001, Matthew B. Blaschko, Samy Bengio, Judy Hoffman, Stefano Ermon, Ivan Titov, Dhruv Batra, David Duvenaud, Dale Schuurmans, Tom Schaul

In 2018, there were 30 publications by 14 experts: Samy Bengio, Karen Simonyan, Lihong Li 0001, Stefano Ermon, Richard Socher, David Duvenaud, Aleksander Madry, Judy Hoffman, Dumitru Erhan, Yejin Choi, Dhruv Batra, Kyunghyun Cho, Yann N. Dauphin, Dale Schuurmans

In 2019, there were 30 publications by 14 experts: Dilek Hakkani-Tr, Samy Bengio, Lihong Li 0001, Stefano Ermon, Richard Socher, Aleksander Madry, Karen Simonyan, Ivan Titov, Dhruv Batra, Graham Neubig, Kyunghyun Cho, David Duvenaud, Yann N. Dauphin, Tom Schaul

In 2020, there were 31 publications by 13 experts: Karen Simonyan, Richard Socher, Samy Bengio, Yejin Choi, Lihong Li 0001, Aleksander Madry, Stefano Ermon, Dhruv Batra, Kyunghyun Cho, Graham Neubig, David Duvenaud, Dumitru Erhan, Dale Schuurmans

19 out of the 24 experts published at this conference in 1 or more years

17 out of the 24 experts published at this conference in 2 or more years

10 out of the 24 experts published at this conference in 3 or more years

6 out of the 24 experts published at this conference in 4 or more years

Top People Report

Method of selection: Top papers from ICLR over last 5 years (

https://scholar.google.com/citations?hl=en&vq=eng&view_op=list_hcore&venue=0032SoU2xY4J.2020) filtered by H-Index

	name	h-index	gscholar url
	Max Welling	72	https://scholar.google.com/citations?user=8200InoAAAAJ&hl=en&oi=sra
	David Silver	65	https://scholar.google.com/citations?hl=en&user=-8DNE4UAAAAJ
	Timothy P. Lillicrap	47	https://scholar.google.com/citations?hl=en&user=htPVdRMAAAAAJ
	Kevin Murphy	89	https://scholar.google.com/citations?hl=en&user=MxxZkEcAAAAJ
	Ben Recht	66	https://scholar.google.com/citations?hl=en&user=a_dbdxAAAAAJ
	Ian Goodfellow	70	https://scholar.google.com/citations?hl=en&user=iYN86KEAAAAJ
	Quoc Le	82	https://scholar.google.com/citations?hl=en&user=vfT6-XIAAAAAJ
	Jason Weston	95	https://scholar.google.com/citations?hl=en&user=lMkTx0EAAAAJ
	Karen Simonyan	42	https://scholar.google.com/citations?hl=en&user=L71MQkQAAAAJ
Keyword:	Richard Zemel	62	https://scholar.google.com/citations?hl=en&user=iBeDoRAAAAAJ
	Pieter Abbeel	103	https://scholar.google.com/citations?hl=en&user=vtwH6GkAAAAJ
	Richard Socher	52	https://scholar.google.com/citations?hl=en&user=Fa0cyfMAAAAAJ
	Dawn Song	116	https://scholar.google.com/citations?hl=en&user=84WzB1YAAAAJ
	Jeff Dean	83	https://scholar.google.com/citations?hl=en&user=NMS691QAAAAJ
	Chris Manning	135	https://scholar.google.com/citations?hl=en&user=1zmD0dwAAAAJ
	Nando de Freitas	63	https://scholar.google.com/citations?hl=en&user=nzEluBwAAAAJ
	Ruslan Salakhutdinov	89	https://scholar.google.com/citations?hl=en&user=ITZ1e7MAAAAAJ
	Alex Graves	52	https://scholar.google.com/citations?hl=en&user=DaFHynwAAAAJ
	Koray Kavukcuoglu	61	https://scholar.google.com/citations?hl=en&user=sGFyDIUAAAAJ
	Phil Blunsom	48	https://scholar.google.com/citations?hl=en&user=eJwbbXEAAAAJ

Reference item: \ 1. International Conference on Learning Representations (ICLR)

 This conference was published at 136 times by 14 of 16 experts in the last 5 years.

The experts that publish at this conference are: Jeff Dean(3), Timothy P. Lillicrap(12), Ruslan Salakhutdinov(18), Phil Blunsom(5), Richard Socher(21), Karen Simonyan(4), Koray Kavukcuoglu(5), Ben Recht(1), Pieter Abbeel(22), Alex Graves(2), David Silver(4), Dawn Song(19), Jason Weston(9), Richard S. Zemel(14)

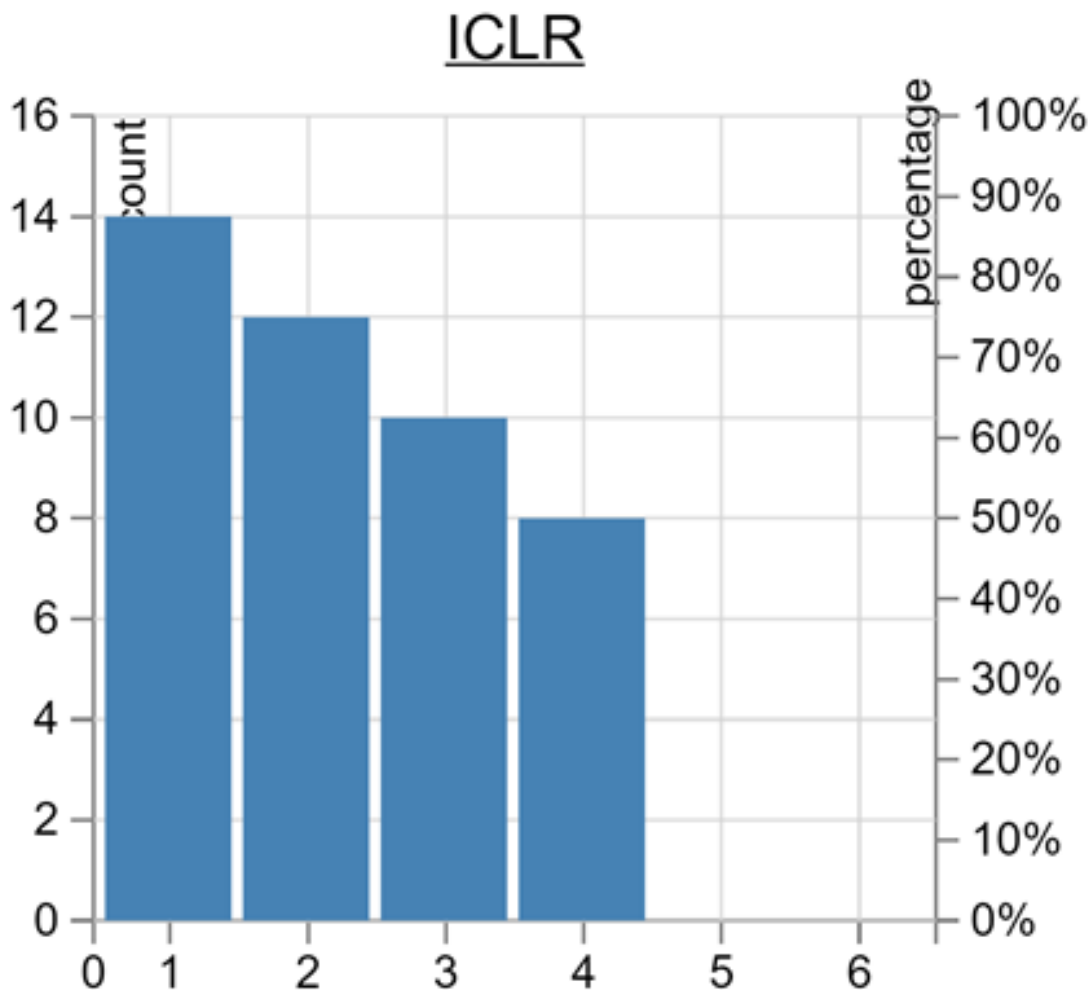
In 2017, there were 33 publications by 12 experts: Timothy P. Lillicrap, Ruslan Salakhutdinov, Phil Blunsom, Richard Socher, Dawn Song, Ben Recht, Koray Kavukcuoglu, Pieter Abbeel, David Silver, Jeff Dean, Jason Weston, Richard S. Zemel

In 2018, there were 48 publications by 13 experts: Jeff Dean, Timothy P. Lillicrap, Ruslan Salakhutdinov, Alex Graves, Richard Socher, Karen Simonyan, Koray Kavukcuoglu, Pieter Abbeel, Phil Blunsom, David Silver, Dawn Song, Jason Weston, Richard S. Zemel

In 2019, there were 33 publications by 9 experts: Karen Simonyan, Pieter Abbeel, Timothy P. Lillicrap, Ruslan Salakhutdinov, David Silver, Richard Socher, Dawn Song, Jason Weston, Richard S. Zemel

In 2020, there were 22 publications by 10 experts: Timothy P. Lillicrap, Ruslan Salakhutdinov, Phil Blunsom, Richard Socher, Karen Simonyan, Pieter Abbeel, David Silver, Dawn Song, Jason Weston, Richard S. Zemel

14 out of the 16 experts published at this conference in 1 or more years
 12 out of the 16 experts published at this conference in 2 or more years
 10 out of the 16 experts published at this conference in 3 or more years
 8 out of the 16 experts published at this conference in 4 or more years WPP Report:
http://portal.core.edu.au/core/media/conf_rank_report/addrank915_top_people_report.txt
 Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/addrank915_top_people_graph.png



Other Information

Comparator Comparison

Comparator

International Conference on Machine Learning

Explanation as to why conference is superior to comparator:

ICLR has become a major AI and Machine Learning conference with significant impact. It is one of the main venues for work in deep learning. It receives greater than 3000 submissions per year, from top research groups in academia and industry.

In terms of metrics. Google Scholar ranks it as the 17th most important venue in all of science by h5-index. Within AI it is currently the top ranked conference by h5-index.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_915_212.pdf

Comparator

Conference in Uncertainty in Artificial Intelligence

Explanation as to why conference is superior to comparator:

ICLR has become a major AI and Machine Learning conference with significant impact. It is one of the main venues for work in deep learning. It receives greater than 3000 submissions per year, from top research groups in academia and industry. In terms of metrics. Google Scholar ranks it as the 17th most important venue in all of science by h5-index. Within AI it is currently the top ranked conference by h5-index.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_915_213.pdf

Attachments

N/A

Proposers

First name: Alexander
Last name: Rush
Affiliation: Cornell University
Email: arush@cornell.edu

First name: Hugo
Last name: LaRoche
Affiliation: Google
Email: hugolarochelle@google.com

Submitted By

Name: Brown Andrea
Email: areteds@yahoo.com