Assignment 2 (ID6020)

Puneet, ID25S027

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Subscribed to 100 journals of interest. Following is the list of journals and their publisher website links -

1. Foundations and Trends in Machine Learning - https://dl.acm.org/journal/ftml
2. International Journal of Information Management - https://www.sciencedirect.com/journal/international-journal-of-information-management
3. Science Robotics - https://www.science.org/journal/scirobotics
4. Nature Machine Intelligence - https://www.nature.com/natmachintell/
5. Computers and Education: Artificial Intelligence - https://www.sciencedirect.com/journal/computers-and-education-artificial-intelligence
6. Internet of Things and Cyber-Physical Systems - https://www.sciencedirect.com/journal/internet-of-things-and-cyber-physical-systems
7. IEEE Transactions on Pattern Analysis and Machine Intelligence - https://www.computer.org/csdl/journal/tp
8. IEEE/CAA Journal of Automatica Sinica - https://www.ieee-jas.net/
9. Annual Review of Control, Robotics, and Autonomous Systems - https://www.annualreviews.org/content/journals/control
10. IEEE Transactions on Neural Networks and Learning Systems - https://cis.ieee.org/publications/t-neural-networks-and-learning-systems
11. IEEE Transactions on Fuzzy Systems - https://cis.ieee.org/publications/t-fuzzy-systems
12. Foundations and Trends in Robotics - https://www.emerald.com/ftrob
13. AI Open - https://www.sciencedirect.com/journal/ai-open
14. Computational Visual Media - https://link.springer.com/journal/41095/volumes-and-issues
15. International Journal of Computer Vision - https://link.springer.com/journal/41095/volumes-and-issues
16. Radiology: Artificial Intelligence - https://pubs.rsna.org/journal/ai
17. Artificial Intelligence Review - https://link.springer.com/journal/10462
18. IEEE Transactions on Intelligent Vehicles - https://ieee-itss.org/pub/t-iv/
19. IEEE Transactions on Cognitive Communications and Networking - https://www.comsoc.org/publications/journals/ieee-transactions-cognitive-communications-and-networking
20. Physics of Life Reviews - https://www.sciencedirect.com/journal/physics-of-life-reviews
21. International Journal of Robotics Research - https://journals.sagepub.com/home/IJR

22. International Journal of Information Management Data Insights - https://www.sciencedirect.com/journal/international-journal-of-information-management-data-insights
23. Cyborg and Bionic Systems - https://spj.science.org/page/cbsystems/about
24. Journal of the ACM - https://dl.acm.org/journal/jacm
25. Fuzzy Optimization and Decision Making - https://link.springer.com/journal/10700
26. Pattern Recognition - https://www.sciencedirect.com/journal/pattern-recognition
27. Journal of Machine Learning Research - https://www.jmlr.org/
28. Energy and AI - https://www.sciencedirect.com/journal/energy-and-ai
29. Advanced Engineering Informatics - https://www.sciencedirect.com/journal/advanced-engineering-informatics
30. Journal of Metaverse - https://dergipark.org.tr/en/pub/jmv
31. Knowledge-Based Systems - https://www.sciencedirect.com/journal/knowledge-based-systems
32. Expert Systems with Applications - https://www.sciencedirect.com/journal/expert-systems-with-applications
33. Cognitive Robotics - https://www.sciencedirect.com/journal/cognitive-robotics
34. IEEE Computational Intelligence Magazine - https://cis.ieee.org/publications/ci-magazine
35. Artificial Intelligence - https://www.sciencedirect.com/journal/artificial-intelligence
36. Transactions of the Association for Computational Linguistics - https://transacl.org/index.php/tacl
37. Information Sciences - https://www.sciencedirect.com/journal/information-sciences
38. Journal of Memory and Language - https://www.sciencedirect.com/journal/journal-of-memory-and-language
39. CAAI Transactions on Intelligence Technology - https://ietresearch.onlinelibrary.wiley.com/journal/24682322
40. Soft Robotics - https://journals.sagepub.com/home/srb
41. Journal of Intelligent Manufacturing - https://link.springer.com/journal/10845
42. Artificial Intelligence in Agriculture - https://www.sciencedirect.com/journal/artificial-intelligence-in-agriculture
43. Robotics: Science and Systems - https://roboticsconference.org/
44. Computers in Human Behavior Reports - https://www.sciencedirect.com/journal/computers-in-human-behavior-reports
45. Engineering Applications of Artificial Intelligence - https://www.sciencedirect.com/journal/engineering-applications-of-artificial-intelligence
46. Cognitive Psychology - https://www.sciencedirect.com/journal/cognitive-psychology
47. Chip - https://www.sciencedirect.com/journal/chip
48. IEEE Transactions on Emerging Topics in Computational Intelligence - https://cis.ieee.org/publications/t-emerging-topics-in-ci

49. Neuromorphic Computing and Engineering - https://iopscience.iop.org/journal/2634-4386
50. International Journal of Intelligent Networks - https://www.sciencedirect.com/journal/international-journal-of-intelligent-networks
51. BenchCouncil Transactions on Benchmarks, Standards and Evaluations - https://www.sciencedirect.com/journal/benchcouncil-transactions-on-benchmarks-standards-and-evaluations
52. Internet of Things (The Netherlands) - https://www.sciencedirect.com/journal/internet-of-things
53. Neural Networks - https://www.sciencedirect.com/journal/neural-networks
54. IEEE Robotics and Automation Letters - https://ieeexplore.ieee.org/document/10368213
55. Neurocomputing - https://www.sciencedirect.com/journal/neurocomputing
56. Machine Learning and Knowledge Extraction - https://www.mdpi.com/journal/make
57. IEEE Transactions on Artificial Intelligence - https://cis.ieee.org/publications/ieee-transactions-on-artificial-intelligence
58. Journal of Automation and Intelligence - https://www.sciencedirect.com/journal/journal-of-automation-and-intelligence
59. Design Studies - https://www.sciencedirect.com/journal/design-studies
60. Smart Cities - https://www.mdpi.com/journal/smartcities
61. Artificial Intelligence in Medicine - https://www.sciencedirect.com/journal/artificial-intelligence-in-medicine
62. Journal of Healthcare Informatics Research - https://link.springer.com/journal/41666
63. Journal of Artificial Intelligence Research - https://www.jair.org/index.php/jair
64. Data Science and Management - https://www.sciencedirect.com/journal/data-science-and-management
65. ACM Transactions on Intelligent Systems and Technology - https://dl.acm.org/journal/tist
66. Minds and Machines - https://link.springer.com/journal/11023
67. Big Data Mining and Analytics - https://www.sciopen.com/journal/2096-0654
68. IEEE Intelligent Systems - https://www.computer.org/csdl/magazine/ex
69. IEEE Journal on Selected Areas in Information Theory - https://www.itsoc.org/jsait
70. Data Science and Engineering - https://link.springer.com/journal/41019
71. Machine Intelligence Research - https://link.springer.com/journal/11633
72. Topics in Cognitive Science - https://onlinelibrary.wiley.com/journal/17568765
73. IEEE Transactions on Cognitive and Developmental Systems - https://cis.ieee.org/publications/t-cognitive-and-developmental-systems
74. AI and Society - https://link.springer.com/journal/146
75. Journal of Pragmatics - https://www.sciencedirect.com/journal/journal-of-pragmatics
76. Journal of Reliable Intelligent Environments - https://link.springer.com/journal/40860
77. Proceedings of Machine Learning Research - https://proceedings.mlr.press/
78. Granular Computing - https://link.springer.com/journal/41066

79. ACM Transactions on Human-Robot Interaction - https://dl.acm.org/journal/thri
80. Computational Linguistics - https://direct.mit.edu/coli
81. Machine Learning - https://link.springer.com/journal/10994
82. Complex and Intelligent Systems - https://link.springer.com/journal/40747
83. International Journal of Intelligent Systems - https://onlinelibrary.wiley.com/journal/ijis
84. Advanced Intelligent Systems - https://advanced.onlinelibrary.wiley.com/journal/26404567
85. IEEE Transactions on Human-Machine Systems - https://www.ieeesmc.org/publications/transactions-on-human-machine-systems/
86. Cognitive Science - https://onlinelibrary.wiley.com/journal/15516709
87. Machine Learning: Science and Technology - https://iopscience.iop.org/journal/2632-2153
88. Neural Computing and Applications - https://link.springer.com/journal/521
89. Autonomous Robots - https://link.springer.com/journal/10514
90. Network Neuroscience - https://direct.mit.edu/netn
91. Intelligent Medicine - https://www.sciencedirect.com/journal/intelligent-medicine
92. Proceedings - IEEE International Conference on Robotics and Automation - https://ieeexplore.ieee.org/document/844725
93. Quantum Machine Intelligence - https://link.springer.com/journal/42484
94. Law, Innovation and Technology - https://www.tandfonline.com/journals/rlit20
95. ICT Express - https://www.sciencedirect.com/journal/ict-express
96. Pattern Recognition Letters - https://www.sciencedirect.com/journal/pattern-recognition-letters
97. Journal of Semantics - https://academic.oup.com/jos
98. IACR Transactions on Cryptographic Hardware and Embedded Systems - https://tches.iacr.org/
99. Journal of Parallel and Distributed Computing - https://www.sciencedirect.com/journal/journal-of-parallel-and-distributed-computing
100. IEEE Transactions on Biometrics, Behavior, and Identity Science - https://ieee-biometrics.org/publications/t-biom/

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The all-time top-10 papers in the field of Artificial Intelligence, with the title of the paper and their links -

1. Attention Is All You Need - https://arxiv.org/abs/1706.03762
2. ImageNet Classification with Deep Convolutional Neural Networks - https://proceedings.neurips.cc/paper_files/paper/2012/file/c399862d3b9d6b76c8436e924a68c45b-Paper.pdf
3. Generative Adversarial Networks - https://arxiv.org/abs/1406.2661

4. BERT: Pre-training of Deep Bidirectional Transformers - https://arxiv.org/abs/1810.04805
5. Long Short-Term Memory (LSTM) - https://ieeexplore.ieee.org/abstract/document/6795963
6. Speech Recognition with Deep Recurrent Networks - https://arxiv.org/abs/1303.5778
7. Deep Residual Learning for Image Recognition (ResNet) - https://arxiv.org/abs/1512.03385
8. A Fast Learning Algorithm for Deep Belief Nets - https://www.cs.toronto.edu/~fritz/absps/ncfast.pdf
9. Neural Machine Translation by Jointly Learning to Align and Translate - http://arxiv.org/abs/1409.0473
10. Dropout: A Simple Way to Prevent Neural Networks from Overfitting - https://www.cs.toronto.edu/~rsalakhu/papers/srivastava14a.pdf

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Top 10 researchers in the field of AI on the basis of h-index -

1. Yoshua Bengio - 223
2. Anil K. Jain - 214
3. Andrew Zisserman - 197
4. Michael I. Jordan - 197
5. Jiawei Han - 197
6. Luc Van Gool - 191
7. Philip S. Yu - 191
8. Wil M. P. van der Aalst - 181
9. Bernhard Scholkopf - 180
10. Francisco Herrera - 180

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Top 10 researchers in the field of AI on the basis of citations -

1. Geoffrey E. Hinton - 730,105
2. Yoshua Bengio - 682,159
3. Andrew Zisserman - 391,942
4. Yann LeCun - 289,809
5. Anil K. Jain - 277,338
6. Albert-Laszlo Barabasi - 274,143
7. Michael I. Jordan - 266,857

8. Li Fei-Fei - 263,425
9. Trevor Darrell - 243,475
10. Jiawei Han - 231,048

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Top 10 institutions in the field of AI on the basis of number of publications -

1. Google
2. Tsinghua University
3. Carnegie Mellon University
4. Microsoft
5. Beijing Academy of Artificial Intelligence (BAAI)
6. Hong Kong University of Science and Technology (HKUST)
7. Shanghai AI Laboratory
8. Chinese Academy of Sciences
9. Meta
10. Nvidia

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I have used Mendeley Desktop earlier as well. Very handy and helpful, and a must for researchers to make sure that things do not go wrong at the wrong time.

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My department does not have a fixed method of citation style. But I have worked with Professors of IIT Madras earlier.
Other than older papers, one of my papers is under review in the Engineering Applications of Artificial Intelligence journal. I will share how and what citation style I used in that paper. I have been using the same style with other Professors so far in my work.

Pre-print version - https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5507977

Generally, I have employed a numeric citation style, where the sources are cited in-text using square brackets like [1], [2], etc. The in-text citation appears as a single reference like clause extraction [5], if there are multiple citations for a single text then that appears as [5][6]. The full details for that citation is provided in the numbered order under the References section which is generally at the end of the paper. This format closely resembles the IEEE format and is generally more or less accepted in most of the computer science and engineering research journals.