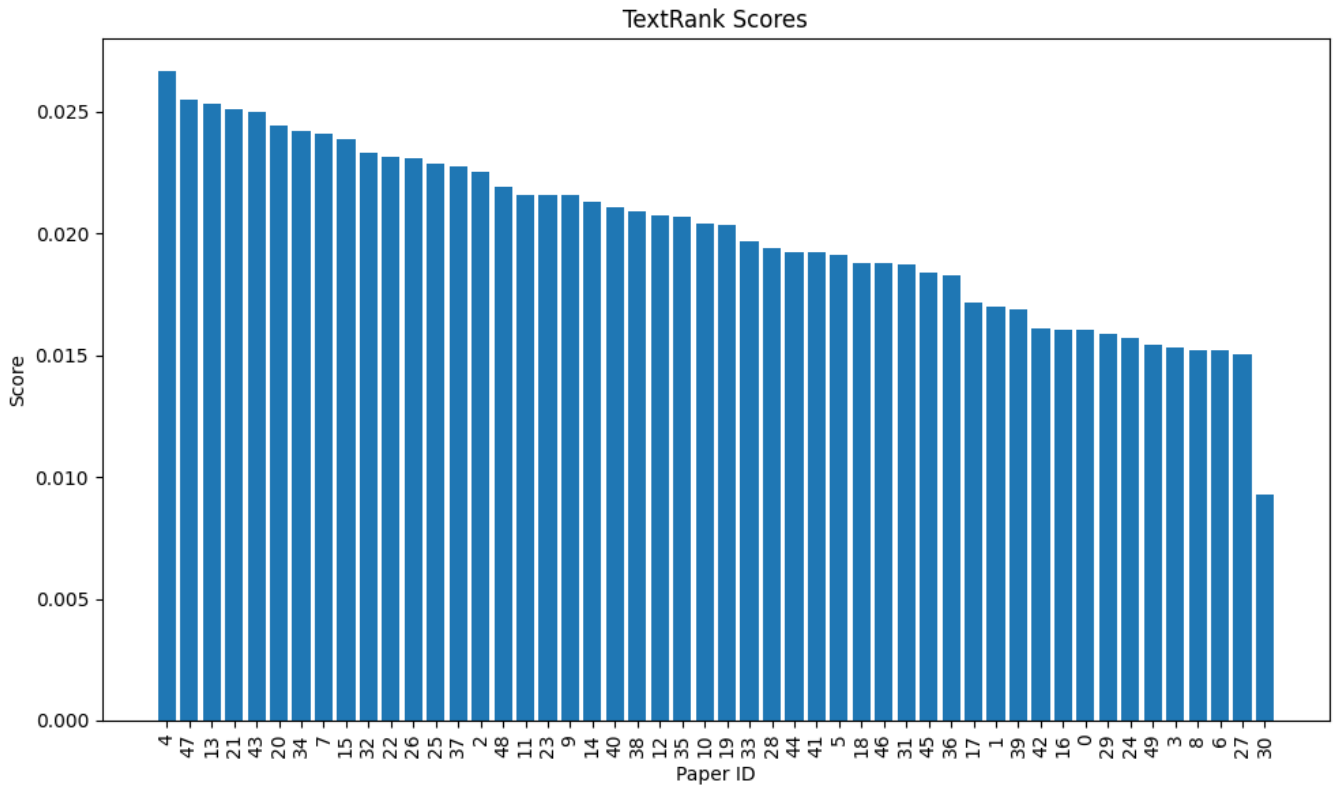
Detailed Report on Paper Recommendations

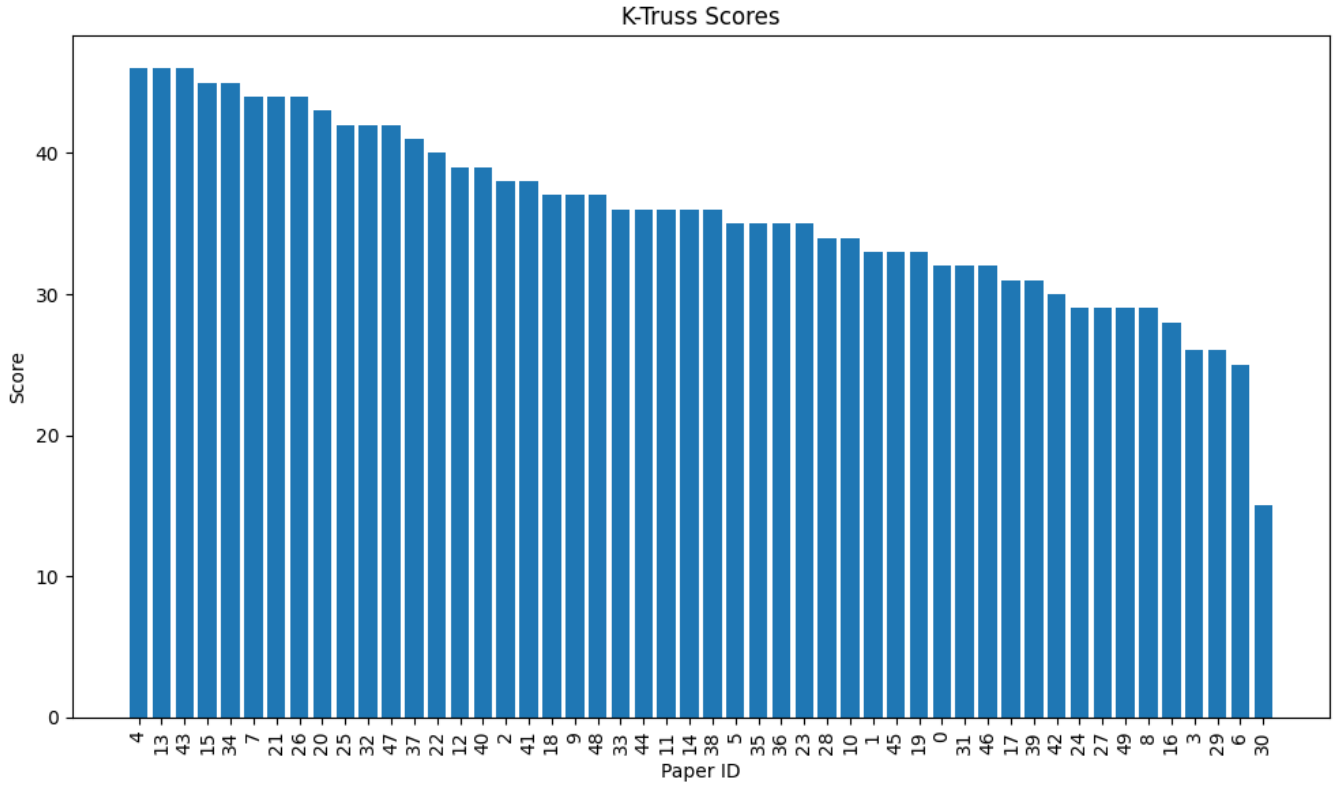
Analysis Overview

This report provides an in-depth analysis of the top 25 recommended papers for the given query. The recommendations are based on TextRank and K-Truss scores, enhanced with clustering and keyword analysis.

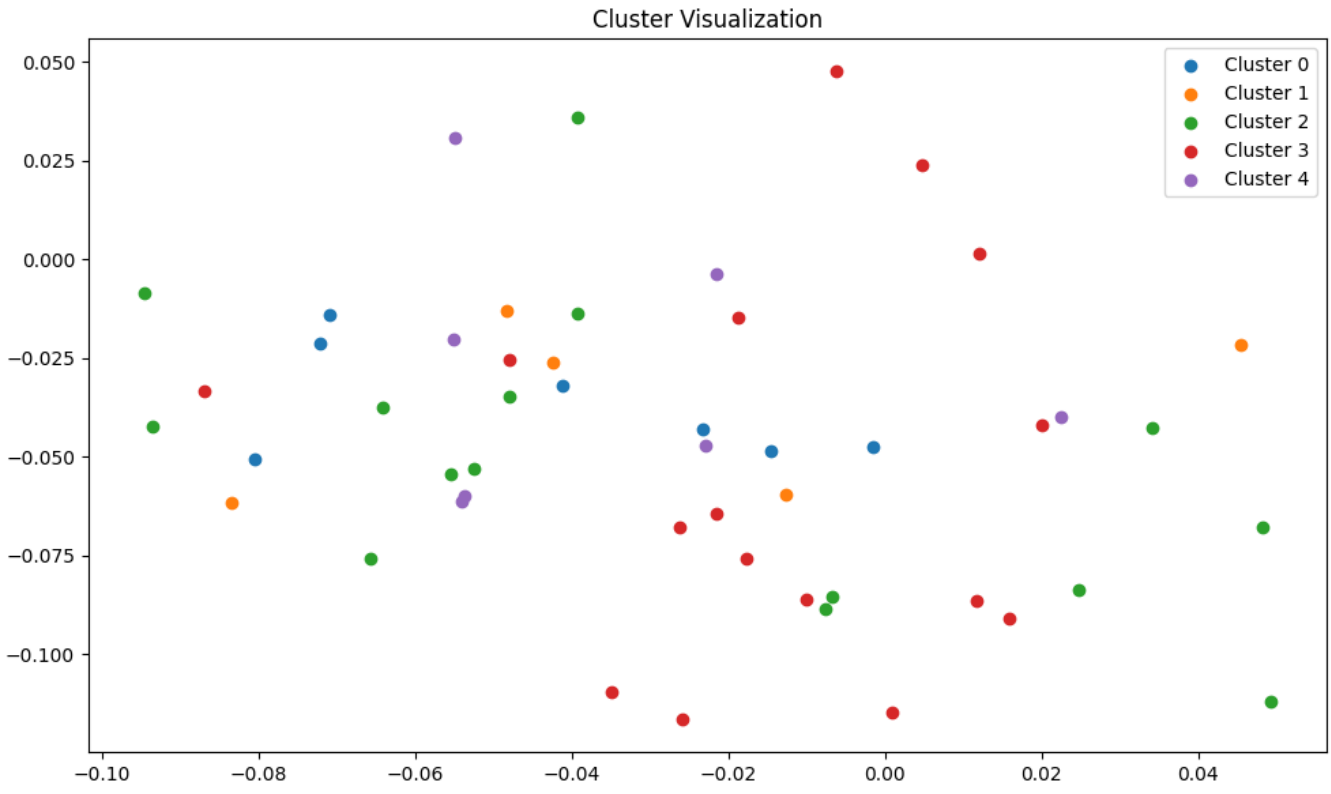
TextRank Scores Visualization



K-Truss Scores Visualization



Cluster Visualization



Top 25 Recommended Papers

1. Title: Formation of General Position by Asynchronous Mobile Robots

Authors: S. Bhagat, S. Gan Chaudhuri, K. Mukhopadhyaya

DOI: http://arxiv.org/abs/1408.2072v1

Cluster: 2

2. Title: Robot Vitals and Robot Health: Towards Systematically Quantifying Runtime Performance Degradation in Robots Under Adverse Conditions

Authors: Aniketh Ramesh, Rustam Stolkin, Manolis Chiou

DOI: http://arxiv.org/abs/2207.01684v1

Cluster: 3

3. Title: Web-based Experiment on Human Performance in Dual-Robot Teleoperation

Authors: Yuhui Wan, Chengxu Zhou

DOI: http://arxiv.org/abs/2212.06462v1

Cluster: 2

4. Title: Know Thyself: Transferable Visual Control Policies Through Robot-Awareness

Authors: Edward S. Hu, Kun Huang, Oleh Rybkin, Dinesh Jayaraman

DOI: http://arxiv.org/abs/2107.09047v3

Cluster: 3

5. Title: Modular Robots: extending the capabilities of one robot

Authors: Aymen Rachdi, Fedi Zrelli, Amine Kammmoun

DOI: http://arxiv.org/abs/2211.05572v1

Cluster: 0

6. Title: SENSAR: A Visual Tool for Intelligent Robots for Collaborative

Human-Robot Interaction

Authors: Andre Cleaver, Faizan Muhammad, Amel Hassan, Elaine Short, Jivko Sinapov

DOI: http://arxiv.org/abs/2011.04515v1

Cluster: 3

7. Title: Artificial Intelligence and Systems Theory: Applied to Cooperative Robots

Authors: Pedro U. Lima, Luis M. M. Custodio

DOI: http://arxiv.org/abs/cs/0411018v1

Cluster: 2

8. Title: EPANer Team Description Paper for World Robot Challenge 2020

Authors: Zhi Yan, Nathan Crombez, Li Sun

DOI: http://arxiv.org/abs/1909.02355v1

Cluster: 2

9. Title: Recent Advances in Human-Robot Collaboration Towards Joint Action

Authors: Yeshasvi Tirupachuri, Gabriele Nava, Lorenzo Rapetti, Claudia Latella, Kourosh Darvish, Daniele Pucci

DOI: http://arxiv.org/abs/2001.00411v1

Cluster: 3

10. Title: Embodiment in Socially Interactive Robots

Authors: Eric Deng, Bilge Mutlu, Maja Mataric

DOI: http://arxiv.org/abs/1912.00312v1

Cluster: 1

11. Title: The Dark Side of Ethical Robots

Authors: Dieter Vanderelst, Alan Winfield

DOI: http://arxiv.org/abs/1606.02583v1

Cluster: 0

12. Title: High-level robot programming based on CAD: dealing with unpredictable environments

Authors: Pedro Neto, Nuno Mendes, Ricardo Araújo, J. Norberto Pires, A. Paulo Moreira

DOI: http://arxiv.org/abs/1309.2086v1

Cluster: 4

13. Title: Simplifying Robot Programming using Augmented Reality and End-User Development

Authors: Enes Yigitbas, Ivan Jovanovikj, Gregor Engels

DOI: http://arxiv.org/abs/2106.07944v1

Cluster: 2

14. Title: A Survey on End-User Robot Programming

Authors: Gopika Ajaykumar, Maureen Steele, Chien-Ming Huang

DOI: http://arxiv.org/abs/2105.01757v2

Cluster: 0

15. Title: HeRo 2.0: A Low-Cost Robot for Swarm Robotics Research

Authors: Paulo Rezeck, Hector Azpurua, Mauricio FS Correa, Luiz Chaimowicz

DOI: http://arxiv.org/abs/2202.12391v2

Cluster: 4

16. Title: Loosely Coupled Payload Transport System with Robot Replacement

Authors: Pulkit Verma, Rahul Tallamraju, Abhay Rawat, Subhasis Chand, Kamalakar Karlapalem

DOI: http://arxiv.org/abs/1904.03049v2

Cluster: 3

17. Title: Robot Accident Investigation: a case study in Responsible Robotics

Authors: Alan F. T. Winfield, Katie Winkle, Helena Webb, Ulrik Lyngs, Marina Jirotka, Carl Macrae

DOI: http://arxiv.org/abs/2005.07474v1

Cluster: 1

18. Title: Omnidirectional robot modeling and simulation

Authors: Sandro Costa Magalhães, António Paulo Moreira, Paulo Costa

DOI: http://arxiv.org/abs/2211.08532v1

Cluster: 2

19. Title: Should Collaborative Robots be Transparent?

Authors: Shahabedin Sagheb, Soham Gandhi, Dylan P. Losey

DOI: http://arxiv.org/abs/2304.11753v2

Cluster: 3

20. Title: Game-Theoretic Modeling of Human Adaptation in Human-Robot Collaboration

Authors: Stefanos Nikolaidis, Swaprava Nath, Ariel D. Procaccia, Siddhartha Srinivasa

DOI: http://arxiv.org/abs/1701.07790v2

Cluster: 3

21. Title: On Robot Revolution and Taxation

Authors: Tshilidzi Marwala

DOI: http://arxiv.org/abs/1808.01666v1

Cluster: 0

22. Title: Robots that Take Advantage of Human Trust

Authors: Dylan P. Losey, Dorsa Sadigh

DOI: http://arxiv.org/abs/1909.05777v1

Cluster: 3

23. Title: Come Closer: The Effects of Robot Personality on Human Proxemics Behaviours

Authors: Meriam Moujahid, David A. Robb, Christian Dondrup, Helen Hastie

DOI: http://arxiv.org/abs/2309.02979v1

Cluster: 3

24. Title: ARROCH: Augmented Reality for Robots Collaborating with a Human

Authors: Kishan Chandan, Vidisha Kudalkar, Xiang Li, Shiqi Zhang

DOI: http://arxiv.org/abs/2109.10400v2

Cluster: 3

25. Title: Swarm Relays: Distributed Self-Healing Ground-and-Air Connectivity Chains

Authors: Vivek Shankar Varadharajan, David St-Onge, Bram Adams, Giovanni Beltrame

DOI: http://arxiv.org/abs/1909.10496v2

Cluster: 2