

Any time
Since 2025
Since 2024
Since 2021
Custom range...

Sort by relevance
Sort by date

Any type
Review articles

include patents
 include citations

Create alert

"Can you be my mum?": Manipulating **Social Robots** in the **Large Language Models** Era

[PDF] arxiv.org

GA Abbo, G Desideri, T Belpaeme... - ... on Human-**Robot** ..., 2025 - ieeexplore.ieee.org
... a **social robot** deployed in a home, this work aims to understand how everyday users try to exploit a **language model** to violate ethical principles, such as by prompting the **robot** to act ...

☆ Save Cite Cited by 4 Related articles All 9 versions

Machine Learning Techniques for **Socially** Intelligent Robots

[PDF] scidacplus.com

T Zhao - Psychomachina, 2024 - journal.scidacplus.com
... These algorithms are trained on **large** datasets of emotional ... Advanced **language models**, such as those based on transformer architectures, enable **robots** to grasp nuances in **language**...

☆ Save Cite Related articles

Conversational agents in human-**machine** interaction: **reinforcement learning** and theory of mind in **language modeling**

[PDF] uniroma1.it

N Brandizzi - 2024 - iris.uniroma1.it
... misalignment of modern **Large Language Models**. Initially, we ... In symbolic reasoning, we might set explicit rules for a **robot**, ... a specialized **sub-field** within HMI, termed Human-**Machine** ...
☆ Save Cite Cited by 1 Related articles All 4 versions

Leveraging **large language models** in human-**robot** interaction: A critical analysis of potential and pitfalls

[PDF] arxiv.org

J Atuhurra - arXiv preprint arXiv:2405.00693, 2024 - arxiv.org
... of **social robots** that are studied in HRI research (RQ1) and also discussed the applications of **social robots** (... in a conversation; **reinforcement learning** which trains **models** to optimize ...
☆ Save Cite Cited by 7 Related articles All 2 versions

Generative expressive **robot** behaviors using **large language models**

[PDF] acm.org

K Mahadevan, J Chien, N Brown, Z Xu... - ... on Human-**Robot** ..., 2024 - dl.acm.org
... **reinforcement learning** agents [22, 48]. Research has also shown that LLMs can enable ... Jessie: Synthesizing **social robot** behaviors for personalized neurorehabilitation and beyond. In ...
☆ Save Cite Cited by 77 Related articles All 4 versions

The potential of **Large Language Models** for **social robots** in special education

[PDF] springer.com

E Voulsiou, E Vrochidou, L Moussiades... - ... in Artificial Intelligence, 2025 - Springer
... LLMs are **machine learning models** with **large** architectures, ... after being trained with **large language** datasets, namely ... 50s, the first rule-based **language model** was presented by IBM-...
☆ Save Cite Cited by 6 Related articles All 3 versions

Social Bots Meet Large Language Model: Political Bias and Social Learning Inspired Mitigation Strategies

[PDF] acm.org

J Piao, Z Lu, C Gao, Y Li - Proceedings of the ACM on Web Conference ..., 2025 - dl.acm.org
... **social bots** and LLMs, shifting the focus from traditional **social bots** to emerging LLM-driven **social** agents... This study emphasizes the human-like **social** aspects of LLMs and their agents, ...
☆ Save Cite Cited by 4 Related articles

An Empirical Design Justice Approach to Identifying Ethical Considerations in the Intersection of **Large Language Models** and **Social Robotics**

[PDF] arxiv.org

A Markelius - arXiv preprint arXiv:2406.06400, 2024 - arxiv.org
... **Large Language Models** (LLMs) in **social robotics** presents a unique set of ethical challenges and **social** ... Using LLMs for **social robotics** may provide benefits, such as enabling natural ...
☆ Save Cite Cited by 7 Related articles All 4 versions

Between reality and delusion: challenges of applying **large language models** to companion **robots** for open-domain dialogues with older adults

[PDF] springer.com

B Irfan, S Kuoppämäki, A Hosseini, G Skantze - Autonomous **Robots**, 2025 - Springer
... **robots** can alleviate this issue by providing daily **social** support. **Large language models** (LLMs) ...), where a **model** of human raters is used during **reinforcement learning** to optimize the ...
☆ Save Cite Cited by 63 Related articles All 5 versions

Signalling and **social learning** in swarms of **robots**

[PDF] royalsocietypublishing.org

L Cazenille, M Toquebiau... - Philosophical ..., 2025 - royalsocietypublishing.org
... **reinforcement learning** and **language models**—to provide an ... as **learning** the action policy, resulting in **robots** developing **sub**... that is based on a **large language model** (LLM), enabling ...
☆ Save Cite Cited by 5 Related articles All 7 versions