

100871

ChatGPT

ARDR

ChatGPT

G206

A

1005-9245 2024 01-0139-12

20 70

BKG9.8

52%

DeepBlue AlphaGo AlphaStar ProjectDebater

DeepNash

v Langdon Winner

ChatGPT

Almighty

2023-05-30

M.V.Zelkowitz et al.Fortieth Anniversary Volume Advancing into the 21st Century Advances in Computers San Diego CA Academic Press 2000 211.

L.Winner.Autonomous Technology Technics-out-of-Control as a Theme in Political Thought Cambridge MA MIT Press 1977 3.

K.Niemiec N.Katarzyna K.Damian.Intelligent Tools for Improving Quality and Efficiency in Production Environment Journal of Physics Conference Series 2022 1 .

M.Cheong.ChatGPT the Almighty AI is a Neoliberal College Graduate <https://www.rt.com/news/571363-chatgpt-woke-ai-liberal/>.

ChatGPT

ChatGPT

ChatGPT

Societal Desirability

2013

20 70

Contextual Studies

20

Science and Technology Studies STS

Innovation

Governance

2011

v v

René

von Schomberg

M.J.Kumar.ChatGPT is Not What You Think It is IETE Technical Review 2023 1 .

M.Brown.The Social Responsibility of the Scientist New York Free Press 1971 1-10.

M.Van Oudheusden.Where are the Politics in Responsible Innovation? European Governance Technology Assessments and Beyond Journal of Responsible Innovation 2014 1 .

R.Von Schomberg.Prospects for Technology Assessment in a Framework of Responsible Research and Innovation.

M.Dusseldorp R.Beecroft et al. Technikfolgen Abschätzen Lehren Bildungspotenziale Transdisziplinärer Methoden Wiesbaden Springer VS 2012 39-61.

NWO.Ethics as a Compass for EU Innovation <https://www.nwo.nl/en/cases/ethics-compass-eu-innovation>.

R.Owen J.Stilgoe P.Macnaghten et al.A Framework for Responsible Innovation.R.Owen J.Bessant M.Heintz et al. Responsible Innovation Managing the Responsible Emergence of Science and Innovation in Society Chichester John Wiley & Sons Ltd 2013 36-39.

R.Owen M.Pansera P.Macnaghten et al.Organisational Institutionalisation of Responsible Innovation Research Policy 2021 50 .

ChatGPT
2018 GPT-1 2023
GPT-4 ARDR
OpenAI
v
Leslie Willcocks ChatGPT
ARDR .

100

ChatGPT

Entrepreneurship

ChatGPT

ARDR

2019 ChatGPT

v

A.Minà G.Dagnino G.Vagnani.An Interpretive Framework of the Interplay of Competition and Cooperation *Journal of Management and Governance* 2020 24 .

A.Carroll.Corporate Social Responsibility Perspectives on the CSR Construc s Development and Future *Business & Society* 2021 6 .

J.Schumpeter.The Theory of Economic Development Cambridge MA Harvard University Press 1934 93.

A.Marwick.Silicon Valley isn t a Meritocracy and It s Dangerous to Hero-worship Entrepreneurs <https://www.wired.com/2013/11/silicon-valley-isnt-a-meritocracy-and-the-cult-of-the-entrepreneur-holds-people-back/>.

S.Altman.How to be Successful <https://blog.samaltman.com/how-to-be-successful>.

K.Wendt.What can We Learn From Lex Fridman s Interview With Sam Altman?<https://www.lesswrong.com/posts/tyts4Dw7SafsxBjar/what-can-we-learn-from-lex-fridman-s-interview-with-sam>.

D.Ingram.Sam Altman is Tech s Next Household Name If We Survive the Killer Robots <https://www.google.com.hk/amp/s/www.nbcnews.com/news/amp/rcna70371>.

A.Örtenblad.Against Entrepreneurship A Critical Examination Cham Switzerland Palgrave Macmillan 2020 62-63.

J.Funk G.Smith.Don t Believe the Hype Why ChatGPT is Not the Holy Grail of AI Research <https://www.salon.com/2023/03/19/dont-believe-the-hype-why-chatgpt-is-not-the-holy-grail-of-ai-research/>.

Soft Law

Instruments

Business Stealing

Smith v Brad
ChatGPT

Meeting the AI Moment Advancing the Future through Responsible AI

2023 1 OpenAI 100
ChatGPT Bing Edge

ChatGPT Bard
You.com DuckDuckGo Neeva

ChatGPT

v David Karpf Center for Artificial Intelligence and Digital Policy
ChatGPT CAIDP ChatGPT

OpenAI GPT-4

R.Lee J.Petts.Adaptive Governance for Responsible Innovation.R.Owen J.Bessant M.Heintz et al.Responsible Innovation Managing the Responsible Emergence of Science and Innovation in Society Chichester UK John Wiley & Sons 2013 154-155.

C.Ziemnowicz A.Joseph.Schumpeter and Innovation.G.Carayannis et al.Encyclopedia of Creativity Invention Innovation and Entrepreneurship New York Springer 2013 1173-1175.

D.Garcia-Macia C.Hsieh P.Klenow.How Destructive is Innovation?Econometrica 2019 5 .

B.Smith.Meeting the AI Moment Advancing the Future Through Responsible AI <https://blogs.microsoft.com/on-the-issues/2023/02/02/responsible-ai-chatgpt-artificial-intelligence/>.

J.Kaufman.Microsoft Wants to Ban Artificial Intelligence but Not for Your Safety <https://crast.net/298578/microsoft-wants-to-ban-artificial-intelligence-but-not-for-your-safety/>.

T.H.Tran.The Chatbot Wars Will Change the Internet Forever <https://www.thedailybeast.com/google-and-microsofts-chatbot-war-might-change-the-internet-forever>.

A.Mudaliar.Google Raises Alarm Over ChatGPT To Unveil New AI Chatbot in Response <https://www.spiceworks.com/tech/artificial-intelligence/news/google-red-alert-chatgpt-ai-chatbot/>.

2023 3
Institute FLI

Future of Life

ChatGPT

2023 4 11

GPT-4 1

ChatGPT

ChatGPT

ARDR

2023

3 29
partment for Science Innovation and Technology
DSIT ChatGPT

ChatGPT

A Pro-Innovation

Approach to AI Regulation

CAIDP.In the Matter of OPEN AI FTC 2023 <https://www.caidp.org/cases/openai/>.

P.Triolo.ChatGPT and China How to Think About Large Language Models and the Generative AI Race <https://thechinaproject.com/2023/04/12/chatgpt-and-china-how-to-think-about-large-language-models-and-the-generative-ai-race/>.

R.Garver.Call for Pause in AI Development may Fall on Deaf Ears <https://www.voanews.com/a/call-for-pause-in-ai-development-may-fall-on-deaf-ears/7029969.html>.

[http //](http://)

www.cac.gov.cn/2023-04/11/c_1682854275475410.htm

DSIT.A Pro-Innovation Approach to AI Regulation https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1146542/a_pro-innovation_approach_to_ai_regulation.pdf March 2023.

R.Morrison.New UK AI Regulation White Paper Leaves Unanswered Questions on ChatGPT <https://techmonitor.ai/technology/ai-and-automation/uk-ai-regulation-chatgpt>.

ChatGPT

ChatGPT

2

1

2

2021 10

2022 6

2022 Z1

2.0

ChatGPT

ChatGPT

ChatGPT

Responsible

Value Compatibility

Stagnation

ChatGPT

2.5%

6- 12

/

ChatGPT

ChatGPT

2.0

ARDR

ChatGPT

ARDR

E.Dans.ChatGPT and the Decline of Critical Thinking <https://www.ie.edu/insights/articles/chatgpt-and-the-decline-of-critical-thinking>.

R.Doshi S.Bajaj H.Krumholz.ChatGPT Ethics Temptations of Progress <https://bioethicstoday.org/blog/chatgpt-ethics-temptations-of-progress/>.

D.Bunker K.Kautz A.Nguyen.The Role of Value Compatibility in Information Technology Adoption.B.Donnellan T.Larsen L.Levine et al. The Transfer and Diffusion of Information Technology for Organizational Resilience Boston Springer 2006 53-70.

ChatGPT

2023 3 7

2.0

2020 6

D.Guston.Responsible Innovation Who Could be Against That?Journal of Responsible Innovation 2015 1 1-4.

ChatGPT

ChatGPT

ChatGPT

ChatGPT

ChatGPT

ARDR

ChatGPT

ChatGPT

/

v David Harvey

ChatGPT

