

Тема: Искусственный интеллект и его влияние на современные технологии

Поиск по <https://link.springer.com/>

Search for articles, journals, books, authors, videos

Showing 1–20 of 56,912 results

Content type

- Article (56,912)
- Research article (50,345)
- Review article (3,189)
- News article (254)

Date published

- Last 3 months
- Last 6 months
- Last 12 months

Clear all

Update results

- Article
- Research article
- English
- Computer science
- Engineering

Sort by (updates page)

Relevance

Article | Full access

The content intelligence: an argument against the lethality of artificial intelligence

This paper navigates artificial intelligence's recent advancements and increasing media attention. A notable focus is placed on Eliezer Yudkowsky, a...

Cody Holl in Discover Artificial Intelligence

22 February 2024 | [Open access](#)

Article | Partial access

Artificial Intelligence: Problems, Solutions, and Prospects

Abstract

In the rapidly developing artificial intelligence, the explainability of the proposed hypotheses and confidence in the outstanding solutions...

Article | Partial access

From artificial intelligence to semi-creative inorganic intelligence: a blockchain-based bioethical metamorphosis

The label "artificial intelligence" (AI) hides a contradiction in terms, i.e. it classifies as artificial an intelligent existence whose...

Antonio Araújo in AI and Ethics

20 March 2024

Article | Partial access

Brain-inspired artificial intelligence research: A review

Artificial intelligence (AI) systems surpass certain human intelligence abilities in a statistical sense as a whole, but are not yet the true...

GuoYin Wang, HuaNan Bao, ... Sheng He in Science China Technological Sciences

30 July 2024

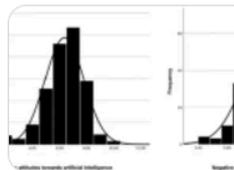
Article | Full access

Affective neuroscience theory and attitudes towards artificial intelligence

Artificial intelligence represents a key technology being inbuilt into evermore products. Research investigating attitudes towards artificial...

Christian Montag, Raian Ali, Kenneth L. Davis in AI & SOCIETY

28 January 2024 | [Open access](#)



Find articles with these terms

artificial intelligence



[Advanced search](#)

219,240 results

Refine by:

Years

- 2025 (3,373)
- 2024 (43,417)
- 2023 (30,040)

[Show more](#)

Article type

- Review articles (28,162)
- Research articles (219,240)
- Encyclopedia (2,913)
- Book chapters (23,862)
- Conference abstracts (9,035)
- Book reviews (3,366)
- Case reports (433)
- Conference info (772)
- Correspondence (2,226)
- Data articles (459)

Research article

Tech for social good: Artificial intelligence and workplace safety

Technology in Society, December 2024

Xi Zhong, Jianquan She, Xiaojie Wu

Research article

Can artificial intelligence improve enterprise environmental performance: Evidence from China

Journal of Environmental Management, November 2024

Junkai wang, Aimeng Wang, ... Yaoxiang Nie

Want a richer search experience?

Sign in for article previews, additional search fields & filters, and multiple article download & export options.

[Sign in](#)

Research article

Evaluation of neonatal nurses' anxiety and readiness levels towards the use of artificial intelligence

Journal of Pediatric Nursing, Available online 18 October 2024

Ayşe Sevim Ünal, Aydın Avcı

Research article

Sources of artificial intelligence

Journal of Economic Dynamics and Control, Available online 4 November 2024

Thomas J. Sargent

Research article

How artificial intelligence affects international industrial transfer — Evidence from industrial robot application

Journal of Asian Economics, December 2024

Hongyuan Zhang, Yibing Ding, ... Samuel Jung

Research article

Nexus between green technology innovation and climate policy uncertainty: Unleashing the role of artificial intelligence in an emerging economy

Technological Forecasting and Social Change, December 2024

Rabia Akram, Qiyuan Li, ... Muhammad Irfan

Research article ● *Open access*

Digital brains, green gains: Artificial intelligence's path to sustainable transformation

Journal of Environmental Management, November 2024

Miaomiao Tao

[View PDF](#)

Research article ● *Open access*

The relationship between Artificial intelligence and low-skilled employment in South Africa

Heliyon, Available online 22 November 2024

Fiyinfoluwa Giwa, Nicholas Ngepah

[View PDF](#)

Google Академия artificial intelligence impact on modern technology

Статьи Результатов: примерно 3 340 000 (0,30 сек.)

Мой профиль Моя библиотека

За все время
С 2024
С 2023
С 2020
Выбрать даты

По релевантности
По дате

Любые статьи
Обзорные статьи

включая патенты
 показывать цитаты

Создать оповещение

[HTML] Exploring the **impact of artificial intelligence** on teaching and learning in higher education [HTML] springer.com Full View
SAD Popenici, S Kerr - Research and practice in **technology** enhanced ..., 2017 - Springer
... **technological** advancements and the increasing speed of adopting **new technologies** in ...
future nature of higher education in a world where **artificial intelligence** is part of the fabric of our ...
☆ Сохранить Цитировать Цитируется: 1540 Похожие статьи Все версии статьи (18)

Toward understanding the **impact of artificial intelligence** on labor [HTML] pnas.org Full View
MR Frank, D Autor, JE Bessen - Proceedings of the ..., 2019 - National Acad Sciences
... Rapid advances in **artificial intelligence** (AI) and automation **technologies** ... **New** data will
lead to **new** research that enriches our understanding of the **impact of technology** on **modern** ...
☆ Сохранить Цитировать Цитируется: 477 Похожие статьи Все версии статьи (28)

[PDF] **Artificial intelligence, automation, and work** [PDF] nber.org
D Acemoglu, P Restrepo - The economics of **artificial intelligence**. An ..., 2018 - nber.org
... Of course, had they been successful, they might have prevented the Industrial Revolution
from gaining momentum with potentially disastrous **consequences** for **technological** ...
☆ Сохранить Цитировать Цитируется: 1834 Похожие статьи Все версии статьи (23)

The **impact of artificial intelligence** on the labor market [PDF] ssm.com
M Webb - Available at SSRN 3482150, 2019 - papers.ssrn.com
... I develop a **new** method to predict the **impacts** of any **technology** on occupations. I use the
overlap between the text of job task descriptions and the text of patents to construct a measure ...
☆ Сохранить Цитировать Цитируется: 681 Похожие статьи Все версии статьи (11)

[HTML] The **impact of artificial intelligence** in medicine on the future role of the [HTML] peerj.com
physician [HTML] peerj.com
AS Abuja - PeerJ, 2019 - peerj.com
... the development of **new Artificial Intelligence** (AI) methods of **machine learning**. Coupled ...
To assess the **impact** on physicians this research seeks to better understand this **technology** ...
☆ Сохранить Цитировать Цитируется: 712 Похожие статьи Все версии статьи (10)

**Technological Revolution in the 21st Century: Digital Society vs. Artificial [HTML] springer.com
Intelligence** [HTML] springer.com Full View
EG Popkova, K Gulzat - The 21st century from the positions of **modern** ..., 2020 - Springer
... for leveling its social negative **consequences** and maximization of ... **influence** of the digital
society and **artificial intelligence** is ... Russia under the **influence** of **technological** revolution in the ...
☆ Сохранить Цитировать Цитируется: 180 Похожие статьи Все версии статьи (2)

The forthcoming **Artificial Intelligence** (AI) revolution: Its **impact** on society and [PDF] usp.br
firms [PDF] usp.br Full View
S Makridakis - Futures, 2017 - Elsevier
... the rate of **technological** change and its **impact** on all aspects of our society, life, work and
firms. In my opinion the forthcoming **technologies** of the AI revolution and their **impact** over the ...
☆ Сохранить Цитировать Цитируется: 2111 Похожие статьи Все версии статьи (9)

[HTML] The **impact of artificial intelligence** on labor productivity [HTML] springer.com
G Damoli, V Van Roy, D Vertesy - Eurasian Business Review, 2021 - Springer
... The past decades have witnessed major developments in **artificial intelligence** (AI)
technology. The profound social and economic changes brought about by the deployment and ...
☆ Сохранить Цитировать Цитируется: 209 Похожие статьи Все версии статьи (11)

The **impact of artificial intelligence** on workers' skills: Upskilling and reskilling [PDF] unibo.it
in organisations [PDF] unibo.it Full View
S Morandini, F Fraboni, M De Angelis, G Puzzo - Informing ..., 2023 - cris.unibo.it
... Future studies should also consider the challenges presented by Industry 5.0, which is
likely to involve the integration of **new technologies** and automation on an even greater scale. ...
☆ Сохранить Цитировать Цитируется: 158 Похожие статьи Все версии статьи (5)

Статьи

1.

4. The Impact of Artificial Intelligence on Innovation: An Exploratory Analysis

From the book [The Economics of Artificial Intelligence](#)

Iain M. Cockburn, Rebecca Henderson and Scott Stern

<https://doi.org/10.7208/9780226613475-006>

Cite this

Share this

4.1 Introduction

Rapid advances in the field of artificial intelligence have profound implications for the economy as well as society at large. These innovations have the potential to directly influence both the production and the characteristics of a wide range of products and services, with important implications for productivity, employment, and competition. But, as important as these effects are likely to be, artificial intelligence also has the potential to change the innovation process itself, with consequences that may be equally profound, and which may, over time, come to dominate the direct effect.

Consider the case of Atomwise, a start-up firm that is developing novel technology for identifying potential drug candidates (and insecticides) by using neural networks to predict the bioactivity of candidate molecules. The company reports that its deep convolutional neural networks “far surpass” the performance of conventional “docking” algorithms. After appropriate training on vast quantities of data, the company’s AtomNet product is described as being able to “recognize” foundational building blocks of

Iain M. Cockburn is the Richard C. Shipley Professor of Management at Boston University and a research associate of the National Bureau of Economic Research. Rebecca Henderson is the John and Natty McArthur University Professor at Harvard University, where she has a joint appointment at the Harvard Business School in the General Management and Strategy units, and a research associate of the National Bureau of Economic Research. Scott Stern is the David Sarnoff Professor of Management and chair of the Technological Innovation, Entrepreneurship, and Strategic Management Group at the MIT Sloan School of Management, and a research associate and director of the Innovation Policy Working Group at the National Bureau of Economic Research.

We thank Michael Kearney for extraordinary research assistance. For acknowledgments, sources of research support, and disclosure of the authors’ material financial relationships, if any, please see <http://www.nber.org/chapters/c14006.ack>.

Авторы:



Iain M. Cockburn

Questrom School of Business, Boston University
Verified email at bu.edu - [Homepage](#)

[Innovation](#) [Strategy](#) [Intellectual Property](#) [Life Sciences](#) [Artificial Intelligence](#)

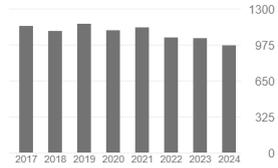
[FOLLOW](#)

[GET MY OWN PROFILE](#)

TITLE	CITED BY	YEAR
Measuring competence? Exploring firm effects in pharmaceutical research R Henderson, I Cockburn Strategic management journal 15 (S1), 63-84	4705	2006
Scale, scope and spillovers: the determinants of research productivity in drug discovery R Henderson, I Cockburn RAND Journal of Economics 27 (1), 32-59	2085 *	1996
Absorptive capacity, coauthoring behavior, and the organization of research in drug discovery IM Cockburn, RM Henderson The journal of industrial economics 46 (2), 157-182	2006	1998
The economics of reproducibility in preclinical research LP Freedman, IM Cockburn, TS Simcoe PLoS biology 13 (6), e1002165	1164	2015
Gone but not forgotten: knowledge flows, labor mobility, and enduring social relationships A Agrawal, I Cockburn, J McHale Journal of Economic Geography 6 (5), 571-591	1123 *	2006
Industry Effects and Appropriability Measures in the Stock Market's Valuation of R&D and Patents I Cockburn, Z Griliches The American Economic Review 78 (2), 419-423	1079	1988
Untangling the origins of competitive advantage	1068	2000

Cited by [VIEW ALL](#)

	All	Since 2019
Citations	24191	6456
h-index	48	32
i10-index	77	51



Public access [VIEW ALL](#)

0 articles	4 articles
not available	available

Based on funding mandates

Индекса Хирша - 48



Rebecca Henderson

University Professor, Harvard University
Verified email at hbs.edu

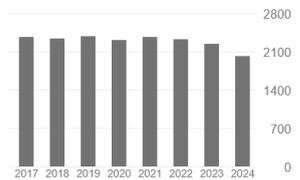
[FOLLOW](#)

[GET MY OWN PROFILE](#)

TITLE	CITED BY	YEAR
Architectural innovation: The reconfiguration of existing product technologies and the failure of established firms RM Henderson, KB Clark Administrative science quarterly, 9-30	14114	1990
Geographic localization of knowledge spillovers as evidenced by patent citations AB Jaffe, M Trajtenberg, R Henderson the Quarterly journal of Economics 108 (3), 577-598	11591	1993
Measuring competence? Exploring firm effects in pharmaceutical research R Henderson, I Cockburn Strategic management journal 15 (S1), 63-84	4594	1994
Scale, scope and spillovers: the determinants of research productivity in the pharmaceutical industry R Henderson, IM Cockburn National Bureau of Economic Research	2099	1993
Universities as a source of commercial technology: a detailed analysis of university patenting, 1965-1988 R Henderson, AB Jaffe, M Trajtenberg Review of Economics and statistics 80 (1), 119-127	2057	1998
Absorptive capacity, coauthoring behavior, and the organization of research in drug discovery IM Cockburn, RM Henderson The journal of industrial economics 46 (2), 157-182	2000	1998

Cited by [VIEW ALL](#)

	All	Since 2019
Citations	54413	13712
h-index	53	38
i10-index	85	58



Public access [VIEW ALL](#)

0 articles	1 article
not available	available

Based on funding mandates

Индекса Хирша - 53



Scott Stern

David Sarnoff Professor of Management, MIT
Verified email at mit.edu - [Homepage](#)
[Economics](#) [Innovation](#) [Entrepreneurship](#)

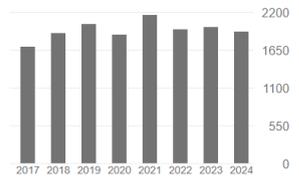
[FOLLOW](#)

[GET MY OWN PROFILE](#)

TITLE	CITED BY	YEAR
The determinants of national innovative capacity JL Furman, ME Porter, S Stern Research policy 31 (6), 899-933	4364	2002
The product market and the market for "ideas": commercialization strategies for technology entrepreneurs JS Gans, S Stern Research policy 32 (2), 333-350	1922	2003
Clusters and entrepreneurship M Delgado, ME Porter, S Stern Journal of economic geography 10 (4), 495-518	1495	2010
Innovation: location matters ME Porter, S Stern MIT Sloan management review	1430	2001
Clusters, convergence, and economic performance M Delgado, ME Porter, S Stern Research policy 43 (10), 1785-1799	1388	2014
Do scientists pay to be scientists? S Stern	1244	2004

Cited by [VIEW ALL](#)

	All	Since 2019
Citations	30988	11964
h-index	61	47
i10-index	99	87



Public access [VIEW ALL](#)

0 articles	5 articles
not available	available

Based on funding mandates

Место публикации статьи: The National Bureau of Economic Research (NBER) is a private, non-profit, non-partisan research organization with an aim is to promote a greater understanding of how the economy works.

2.

Article preview

Abstract

Section snippets

References (49)

Cited by (944)



Futures

Volume 90, June 2017, Pages 46-60



Review

The forthcoming Artificial Intelligence (AI) revolution: Its impact on society and firms

Professor Spyros Makridakis 

Show more 

 Add to Mendeley  Share  Cite

<https://doi.org/10.1016/j.futures.2017.03.006>

[Get rights and content](#) 

Highlights

- How the forthcoming artificial intelligence revolution will impact society and firms?
- Similarities between the Industrial, digital and artificial intelligent revolutions.
- The future of employment and wealth distribution when machines could perform all tasks.
- Will the Artificial Intelligence revolution create a utopian or dystopian future?

References (49)

S. Makridakis

[The forthcoming information revolution: Its impact on society and firms](#)

Futures (1995)

C. Baraniuk

[The Cyborg chess players that cannot be beaten](#)

BBC News (2015)

J. Barrat

[Our final invention: Artificial intelligence and the end of the human era](#)

(2013)

J. Barrat *et al.*

[How long till AGI? – Views of AGI-11 conference participants](#)

HPlusMagazine.com (2011)

J. Battelle

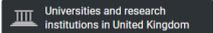
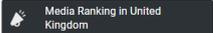
[The search: How Google and its rivals rewrote the rules of business and transformed our culture](#)

(2005)

J. Best

[IBM Watson: The inside story of how the leopardy-winning supercomputer](#)

Поиск журнала по SJR

Futures			
COUNTRY	SUBJECT AREA AND CATEGORY	PUBLISHER	H-INDEX
United Kingdom  	Business, Management and Accounting └ Business and International Management Social Sciences └ Development └ Sociology and Political Science	Elsevier Ltd	98
PUBLICATION TYPE	ISSN	COVERAGE	INFORMATION
Journals	00163287	1968-2023	Homepage How to publish in this journal tfuller@lincoln.ac.uk

Авторы:



Spyros Makridakis

[FOLLOW](#)

University of Nicosia, Inst. For the Future (IFF), the Makridakis Open Forecast. Center MOFC

Verified email at UNIC.ac.cy - [Homepage](#)

[M Competitions](#) [Forecasting](#) [Uncertainty](#) [Artificial Intelligence \(AI\)](#) [Medical Predictions](#)

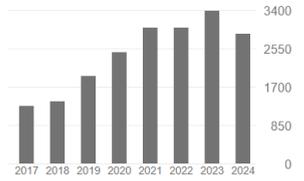
[GET MY OWN PROFILE](#)

TITLE	CITED BY	YEAR
Forecasting methods and applications S Makridakis, SC Wheelwright, RJ Hyndman John Wiley & sons	7658	2008
The M3-Competition: results, conclusions and implications S Makridakis, M Hibon International journal of forecasting 16 (4), 451-476	2413	2000
The forthcoming Artificial Intelligence (AI) revolution: Its impact on society and firms S Makridakis Futures 90, 46-60	2111	2017
The accuracy of extrapolation (time series) methods: Results of a forecasting competition S Makridakis, A Andersen, R Carbone, R Fildes, M Hibon, ... Journal of forecasting 1 (2), 111-153	2055	1982
Statistical and Machine Learning forecasting methods: Concerns and ways forward S Makridakis, E Spiliotis, V Assimakopoulos PloS one 13 (3), e0194889	1558	2018
Metode dan aplikasi peramalan S Makridakis, SC Wheelwright, VE McGee	1488	1999

Cited by

[VIEW ALL](#)

	All	Since 2019
Citations	37503	16747
h-index	66	44
i10-index	159	98



Public access

[VIEW ALL](#)

0 articles	3 articles
not available	available

3.

[Home](#) > [Artificial Intelligence Review](#) > Article

A systematic review of artificial intelligence impact assessments

[Open access](#) | Published: 24 March 2023

Volume 56, pages 12799–12831, (2023) [Cite this article](#)



Artificial Intelligence Review

[Aims and scope](#) →

[Submit manuscript](#) →

[Download PDF](#)

You have full access to this [open access](#) article

Abstract

Artificial intelligence (AI) is producing highly beneficial impacts in many domains, from transport to healthcare, from energy distribution to marketing, but it also raises concerns about undesirable ethical and social consequences. AI impact assessments (AI-IAs) are a way of identifying positive and negative impacts early on to safeguard AI's benefits and avoid its downsides. This article describes the first systematic review of these AI-IAs. Working with a population of 181 documents, the authors identified 38 actual AI-IAs and subjected them to a rigorous qualitative analysis with regard to their purpose, scope, organisational context, expected issues, timeframe, process and methods, transparency and challenges. The review demonstrates some convergence between AI-IAs. It also shows that the field is not yet at the point of full agreement on content, structure and implementation. The article suggests that AI-IAs are best understood as means to stimulate reflection and discussion concerning the social and ethical consequences of AI ecosystems. Based on the analysis of existing AI-IAs, the authors describe a baseline process of implementing AI-IAs that can be implemented by AI developers and vendors and that can be used as a critical yardstick by regulators and external observers to evaluate organisations' approaches to AI.

References

Access Now (2018) Human rights in the age of artificial intelligence. Access Now

[Google Scholar](#)

Access Now Policy Team (2018) The Toronto declaration: protecting the right to equality and non-discrimination in machine learning systems. Access Now Policy Team, Toronto

[Google Scholar](#)

Ada Lovelace Institute (2020) Examining tools for assessing algorithmic systems the Black Box. Ada Lovelace Institute, London

[Google Scholar](#)

Ada Lovelace Institute (2022) Algorithmic impact assessment: a case study in healthcare. Ada Lovelace Institute, London

[Google Scholar](#)

Artificial Intelligence Review

COUNTRY Netherlands Universities and research institutions in Netherlands Media Ranking in Netherlands	SUBJECT AREA AND CATEGORY Computer Science Artificial Intelligence Social Sciences Linguistics and Language	PUBLISHER Springer Netherlands	H-INDEX <h1>115</h1>
PUBLICATION TYPE Journals	ISSN 02692821, 15737462	COVERAGE 1986-2023	INFORMATION Homepage How to publish in this journal

Artificial Intelligence Review

Годы охвата Scopus: от 1986 до 2025

Издатель: Springer Nature

ISSN: 0269-2821 E-ISSN: 1573-7462

Отрасль знаний: [Arts and Humanities: Language and Linguistics](#) [Social Sciences: Linguistics and Language](#) [Computer Science: Artificial Intelligence](#)

Тип источника: Журнал

[Посмотреть все документы >](#)

[Настроить уведомление о документах](#)

[Сохранить в список источников](#)

CiteScore [CiteScore рейтинг и тренды](#) [Содержание Scopus](#)

Рейтинг CiteScore [2023](#)

В категории: [Artificial Intelligence](#)

	#13	Artificial Intelligence Review	22.0	96-й процентиль
	350			



Bernd Carsten Stahl

University of Nottingham

Verified email at nottingham.ac.uk - [Homepage](#)

[critical theory](#) [information systems](#) [computer ethics](#) [digital ethics](#) [responsible innovation](#)

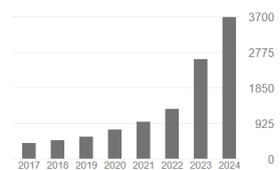
[FOLLOW](#)

[GET MY OWN PROFILE](#)

TITLE	CITED BY	YEAR
Opinion Paper: "So what if ChatGPT wrote it?" Multidisciplinary perspectives on opportunities, challenges and implications of generative conversational AI for research, practice ... YK Dwivedi, N Kshetri, L Hughes, EL Slade, A Jeyaraj, AK Kar, ... International Journal of Information Management 71, 102642	2812 *	2023
Ethics and privacy in AI and big data: Implementing responsible research and innovation BC Stahl, D Wiggill IEEE Security & Privacy 16 (3), 26-33	327	2018
Artificial intelligence for a better future: an ecosystem perspective on the ethics of AI and emerging digital technologies BC Stahl Springer Nature	318	2021
Ethics of healthcare robotics: Towards responsible research and innovation BC Stahl, M Coeckelbergh Robotics and Autonomous Systems 86, 152-161	294	2016
Responsible research and innovation: The role of privacy in an emerging framework BC Stahl Science and Public Policy 40 (6), 708-716	290	2013
Artificial intelligence ethics guidelines for developers and users: clarifying their content and normative implications	273	2020

Cited by [VIEW ALL](#)

	All	Since 2019
Citations	13461	10103
h-index	56	47
i10-index	163	109



Public access [VIEW ALL](#)

5 articles	88 articles
not available	available

Based on funding mandates



Josephina Antoniou

University of Central Lancashire, Cyprus
Verified email at uclan.ac.uk

Quality of Experience Ethics in Technology Network Modelling

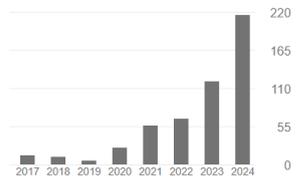
FOLLOW

GET MY OWN PROFILE

TITLE	CITED BY	YEAR
Organisational responses to the ethical issues of artificial intelligence BC Stahl, J Antoniou, M Ryan, K Macnish, T Jiya AI & SOCIETY 37 (1), 23-37	120	2022
A systematic review of artificial intelligence impact assessments BC Stahl, J Antoniou, N Bhalla, L Brooks, P Jansen, B Lindqvist, ... Artificial Intelligence Review 56 (11), 12799-12831	104	2023
4G converged environment: Modeling network selection as a game J Antoniou, A Pitsillides 2007 16th IST Mobile and Wireless Communications Summit, 1-5	89	2007
Research and practice of AI ethics: a case study approach juxtaposing academic discourse with organisational reality M Ryan, J Antoniou, L Brooks, T Jiya, K Macnish, B Stahl Science and Engineering Ethics 27, 1-29	54	2021
Access network synthesis game in next generation networks J Antoniou, I Koukoutsidis, E Jaho, A Pitsillides, I Stavrakakis Computer Networks 53 (15), 2716-2726	41	2009
Cooperative user-network interactions in next generation communication networks	38	2010

Cited by VIEW ALL

	All	Since 2019
Citations	805	502
h-index	15	11
i10-index	20	11



Public access VIEW ALL

Public access	VIEW ALL
0 articles not available	6 articles available

4.

Home > Annals of Biomedical Engineering > Article

The Impact of Artificial Intelligence (AI) Programs on Writing Scientific Research

Letter to the Editor | Published: 13 January 2023
Volume 51, pages 459–460, (2023) [Cite this article](#)



Annals of Biomedical Engineering

[Aims and scope](#) →
[Submit manuscript](#) →

Author information

Authors and Affiliations

Information Technology Department, Faculty of Computers and Information, Menoufia University, Shebeen El-Kom, Egypt

Mohamed Hammad

Corresponding author

Correspondence to [Mohamed Hammad](#).

Hammad, Mohamed Adel

[Faculty of Computers & Informations, Shibin El Kom, Egypt](#)  [57194656523](#)  <https://orcid.org/0000-0002-6506-3083> [Смотреть больше](#)

2 556

Цитирования из 2 085 документов

77

Документы

26

h-индекс. [Посмотреть h-диаграммы](#)

[Посмотреть другие параметры](#) >

[Редактировать профиль](#) [... Подробнее](#)

77 документы

Impact

Цитирование из 2 085 документов

2 Препринты

133 соавтора

0 тем

0 выданных грантов

References

1. Hammad, M. Publishing a 100% original paper without any plagiarism. *Ann. Biom. Eng.* 50(9):1017–1017, 2022.

[Article](#) [Google Scholar](#)

2. Hutson, M. Could AI help you to write your next paper? *Nature.* 611(7934):192–193, 2022.

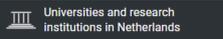
[Article](#) [CAS](#) [PubMed](#) [Google Scholar](#)

3. King, M. R. The future of AI in medicine: a perspective from a Chatbot. *Ann. Biomed. Eng.* 1–5: 2022

4. Mungmunpantipantip, R., and V. Wiwanitkit. Publication without any plagiarism: correspondence. *Ann. Biomed. Eng.* 50(12):1704–1704, 2022.

[Article](#) [Google Scholar](#)

Annals of Biomedical Engineering

COUNTRY Netherlands  	SUBJECT AREA AND CATEGORY Engineering └ Biomedical Engineering	PUBLISHER Springer Netherlands	H-INDEX 156
PUBLICATION TYPE Journals	ISSN 00906964, 15216047	COVERAGE 1972-2023	INFORMATION Homepage How to publish in this journal abmejournal@gmail.com

5.

Open access | Research article | First published online January 6, 2020

The Impact of Artificial Intelligence on Quality and Safety

Michelle S. Lee, BA, Matthew M. Grabowski, MD , [..], and Thomas E. Mroz, MD   [View all authors and affiliations](#)

[Volume 10, Issue 1 suppl](#) | <https://doi.org/10.1177/2192568219878133>

References

1. Cuckler GA, Sisko AM, Poisal JA, et al. National Health Expenditure Projections, 2017-26: despite uncertainty, fundamentals primarily drive spending growth. *Health Aff (Millwood)*. 2018;37:482–492. doi:10.1377/hlthaff.2017.1655

[+ Show References](#)

[Crossref](#)

[PubMed](#)

[Google Scholar](#)

2. McGirt MJ, Resnick D, Edwards N, Angevine P, Mroz T, Fehlings M. Background to understanding value-based surgical spine care. *Spine (Phila Pa 1976)*. 2014;39(22 suppl 1):S51–S52. doi:10.1097/BRS.0000000000000544

[Go To Reference](#)

[Crossref](#)

[PubMed](#)

[Google Scholar](#)

3. Davis MA, Onega T, Weeks WB, Lurie JD. Where the United States spends its spine dollars: expenditures on different ambulatory services for the management of back and neck conditions. *Spine (Phila Pa 1976)*. 2012;37:1693–1701. doi:10.1097/BRS.0b013e3182541f45

[Go To Reference](#)

[Crossref](#)

[PubMed](#)

[Google Scholar](#)

4. Agency for Healthcare Research and Quality. Healthcare Cost and Utilization Project (HCUP). <https://www.ahrq.gov/data/hcup/index.html>. Published April 2, 2015. Accessed February 27, 2019.

[Go To Reference](#)

[Google Scholar](#)

5. Wang Y, Kung J, Wang WMC, Szolnoki CC. An integrated big data analytics enabled transformation model:



Matthew M Grabowski, MD

Cleveland Clinic, Lerner Research Institute
Verified email at ccf.org
Neurosurgical Oncology

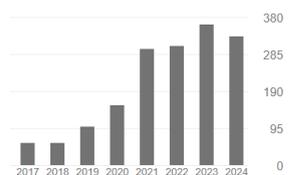
[FOLLOW](#)

[GET MY OWN PROFILE](#)

TITLE	CITED BY	YEAR
Residual tumor volume versus extent of resection: predictors of survival after surgery for glioblastoma MM Grabowski, PF Recinos, AS Nowacki, JL Schroeder, L Angelov, ... <i>Journal of neurosurgery</i> 121 (5), 1115-1123	442	2014
Immune suppression in gliomas MM Grabowski, EW Sankey, KJ Ryan, P Chongsathidkiet, SJ Lorrey, ... <i>Journal of neuro-oncology</i> 151, 3-12	229	2021
Myeloid-derived suppressor cell subsets drive glioblastoma growth in a sex-specific manner D Bayik, Y Zhou, C Park, C Hong, D Vail, DJ Silver, A Lauko, G Roversi, ... <i>Cancer discovery</i> 10 (8), 1210-1225	186	2020
Global immune fingerprinting in glioblastoma patient peripheral blood reveals immune-suppression signatures associated with prognosis TJ Alban, AG Alvarado, MD Sorensen, D Bayik, J Volovetz, E Serbinowski, ... <i>JCI insight</i> 3 (21)	184	2018
Myeloid derived suppressor cell infiltration of murine and human gliomas is associated with reduction of tumor infiltrating lymphocytes B Raychaudhuri, P Rayman, P Huang, M Grabowski, D Hambarzumyan, ...	169	2015

Cited by [VIEW ALL](#)

	All	Since 2019
Citations	1758	1564
h-index	17	16
i10-index	23	22



Public access [VIEW ALL](#)

1 article	15 articles
not available	available

COUNTRY United States  Universities and research institutions in United States  Media Ranking in United States	SUBJECT AREA AND CATEGORY Medicine <ul style="list-style-type: none">Neurology (clinical)Orthopedics and SportsMedicineSurgery	PUBLISHER SAGE Publications Inc.	H-INDEX 51
PUBLICATION TYPE Journals	ISSN 21925682, 21925690	COVERAGE 2014-2023	INFORMATION Homepage How to publish in this journal Contact
SCOPE			

6.

Learning Deep Architectures for AI

By **Yoshua Bengio**, Dept. IRO, Université de Montréal, Canada, yoshua.bengio@umontreal.ca 

Suggested Citation

Yoshua Bengio (2009), "Learning Deep Architectures for AI", Foundations and Trends® in Machine Learning: Vol. 2: No. 1, pp 1-127.
<http://dx.doi.org/10.1561/2200000006> 

Publication Date: 15 Nov 2009

© 2009 Y. Bengio

Subjects

[Dimensionality reduction](#)

Автор:



Yoshua Bengio

Professor of computer science, University of Montreal, Mila, IVADO, CIFAR
Verified email at umontreal.ca - [Homepage](#)
[Machine learning](#) [deep learning](#) [artificial intelligence](#)

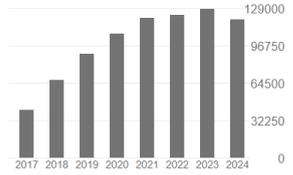
FOLLOW

[GET MY OWN PROFILE](#)

TITLE	CITED BY	YEAR
Deep learning Y LeCun, Y Bengio, G Hinton nature 521 (7553), 436-444	88404	2015
Generative adversarial nets I Goodfellow, J Pouget-Abadie, M Mirza, B Xu, D Warde-Farley, S Ozair, ... Advances in neural information processing systems 27	87840 *	2014
Gradient-based learning applied to document recognition Y LeCun, L Bottou, Y Bengio, P Haffner Proceedings of the IEEE 86 (11), 2278-2324	71354	1998
Deep learning I Goodfellow MIT press	71271	2016
Neural machine translation by jointly learning to align and translate D Bahdanau arXiv preprint arXiv:1409.0473	37020	2014
Learning phrase representations using RNN encoder-decoder for statistical machine translation	32476	2014

Cited by [VIEW ALL](#)

	All	Since 2019
Citations	878543	690807
h-index	240	209
i10-index	895	795



Public access [VIEW ALL](#)

8 articles	140 articles
not available	available

Журнал:

Сведения об источнике

Foundations and Trends in Machine Learning

Годы охвата Scopus: от 2008 до 2024

Издатель: Now Publishers Inc

ISSN: 1935-8237 E-ISSN: 1935-8245

Отрасль знаний: [Computer Science: Software](#) [Computer Science: Artificial Intelligence](#) [Computer Science: Human-Computer Interaction](#)

Тип источника: Журнал

[Просмотреть все документы >](#)

[Настроить уведомление о документах](#)

[Сохранить в список источников](#)

[CiteScore](#) [CiteScore рейтинг и тренды](#) [Содержание Scopus](#)

Рейтинг CiteScore 2023

В категории: [Artificial Intelligence](#)

#1	Foundations and Trends in Machine Learning	108.5	99-й процентиль
350			

7.

Pre-trained models: Past, present and future

Xu Han ^{a 1}  , Zhengyan Zhang ^{a 1} , Ning Ding ^{a 1} , Yuxian Gu ^{a 1} , Xiao Liu ^{a 1} ,
Yuqi Huo ^{b 1} , Jiezhong Qiu ^a , Yuan Yao ^a , Ao Zhang ^a, Liang Zhang ^b ,
Wentao Han ^{a 2} , Minlie Huang ^{a 2} , Qin Jin ^{b 2} , Yanyan Lan ^{d 2} , Yang Liu ^{a d 2} ,
Zhiyuan Liu ^{a 2} , Zhiwu Lu ^{c 2} , Xipeng Qiu ^{e 2} , Ruihua Song ^{c 2} , Jie Tang ^{a 2}  ...
Jun Zhu ^{a 2} 

Show more 

 Add to Mendeley  Share  Cite

<https://doi.org/10.1016/j.aiopen.2021.08.002> ↗

[Get rights and content](#) ↗

Under a Creative Commons [license](#) ↗

 open access

Referred to by [Erratum regarding Declaration of Competing Interest statements in previously published articles](#)

AI Open, Available online 9 January 2024, Pages

 [View PDF](#)

Abstract

Large-scale pre-trained models (PTMs) such as [BERT](#) and [GPT](#) have recently achieved great success and become a milestone in the field of [artificial intelligence](#) (AI). Owing to sophisticated pre-training objectives and huge model parameters, large-scale PTMs can

Abstract

Large-scale pre-trained models (PTMs) such as [BERT](#) and [GPT](#) have recently achieved great success and become a milestone in the field of [artificial intelligence](#) (AI). Owing to sophisticated pre-training objectives and huge model parameters, large-scale PTMs can effectively capture knowledge from massive labeled and [unlabeled data](#). By storing knowledge into huge parameters and fine-tuning on specific tasks, the rich knowledge implicitly encoded in huge parameters can benefit a variety of downstream tasks, which has been extensively demonstrated via experimental verification and empirical analysis. It is now the consensus of the AI community to adopt PTMs as [backbone](#) for downstream tasks rather than learning models from scratch. In this paper, we take a deep look into the history of pre-training, especially its special relation with [transfer learning](#) and self-supervised learning, to reveal the crucial position of PTMs in the AI development spectrum. Further, we comprehensively review the latest breakthroughs of PTMs. These breakthroughs are driven by the surge of computational power and the increasing availability of data, towards four important directions: designing effective architectures, utilizing rich contexts, improving computational efficiency, and conducting interpretation and theoretical analysis. Finally, we discuss a series of open problems and research directions of PTMs, and hope our view can inspire and advance the future study of PTMs.



Previous article in issue

Next article in issue



Keywords

Pre-trained models; Language models; Transfer learning; Self-supervised learning; Natural language processing; Multimodal processing; Artificial intelligence

Авторы:

Han, Xu

[Tsinghua University, Beijing, China](#) [57205548124](#) [Связать с ORCID](#) [Это вы? Добавьте связь с профилем Mendeley](#) [Смотреть больше](#)

5 266

Цитирования из 4 080 документов

76

Документы

30

h-индекс [Просмотр h-диаграммы](#)

[Просмотреть другие параметры >](#)

[Редактировать профиль](#) [Подробнее](#)

76 документов

Impact

Цитирование из 4 080 документов

85 Препринты

190 соавторов

0 тем

0 выданных грантов

Zhang, Zhengyan

[Tsinghua University](#), Beijing, China [57196122281](#) [Связать с ORCID](#) [Это вы? Добавьте связь с профилем Mendeley](#) [Смотреть больше](#)

5 493

Цитирования из 5 218 документов

42

Документы

17

h-индекс [Просмотр h-диаграммы](#)

[Просмотреть другие параметры >](#)

[Редактировать профиль](#) [Подробнее](#)

42 документа [Impact](#) [Цитирование из 5 218 документов](#) [42 Препринты](#) [117 соавторов](#) [0 тем](#) [0 выданных грантов](#)

Ding, Ning

[Tsinghua University](#), Beijing, China [57216613998](#) [Связать с ORCID](#) [Это вы? Добавьте связь с профилем Mendeley](#) [Смотреть больше](#)

2 160

Цитирования из 1 946 документов

56

Документы

18

h-индекс [Просмотр h-диаграммы](#)

[Просмотреть другие параметры >](#)

[Редактировать профиль](#) [Подробнее](#)

Журнал:

AI Open
Открытый доступ [🔗](#)
Годы охвата Scopus: от 2020 до 2024
Издатель: KeAi Communications Co.
E-ISSN: 2666-6510

Отрасль знаний: [Computer Science: Computer Science Applications](#) [Computer Science: Software](#) [Computer Science: Information Systems](#)
[Computer Science: Computer Vision and Pattern Recognition](#) [Computer Science: Artificial Intelligence](#) [Computer Science: Human-Computer Interaction](#)

Тип источника: Журнал

[Просмотреть все документы >](#) [Настроить уведомление о документах](#) [Сохранить в список источников](#)

CiteScore [CiteScore рейтинг и тренды](#) [Содержание Scopus](#)

Рейтинг CiteScore [2023](#) В категории: [Artificial Intelligence](#)

★ #3
350 AI Open 45.0 99-й процентиль

Тренд CiteScore

[Экспортировать содержимое для категории](#)

Вывод:

Тема искусственного интеллекта сильно востребована сейчас. Как и в русскоязычном поиске, было найдено много статей по поводу применения искусственного интеллекта в разных сферах как в медицине так и в образовании. Число статей, патентов по данной теме ежегодно растет.

Журнал Artificial Intelligence Review имеет 96 процентиль в категории Artificial Intelligence. Журнал относится к первому квартилю.

Журнал Foundations and Trends in Machine Learning имеет 99 процентиль в категории Artificial Intelligence. Журнал относится к первому квартилю.

Журнал AI Open имеет 99 процентиль в категории Artificial Intelligence. Журнал относится к первому квартилю.