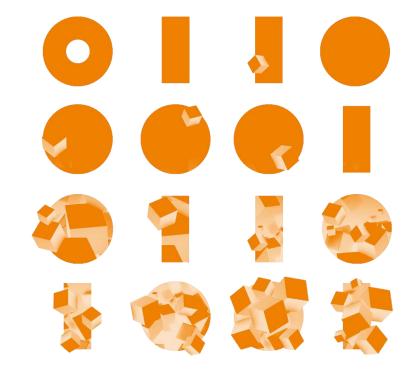
Inteligência Artificial: Estado Atual do Conhecimento

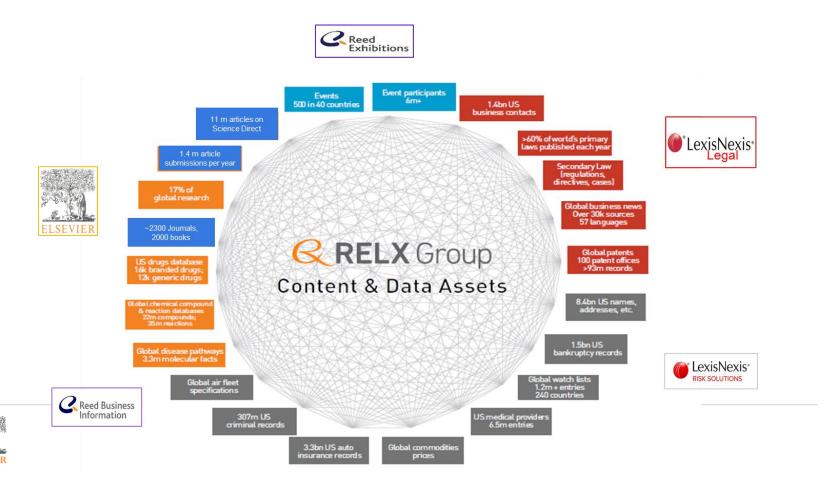
Tendências Internacionais





Dante Cid VP Elsevier América Latina 29 de Março de 2019

Elsevier: Líder em Informação Científica



Nossos Parceiros para o estudo em IA:

















Alessandro Annoni Head of Digital Economy Unit Joint Research Centre European Commission



Dr. Yuichiro Anzai Senior Advisor, Director, Center for Science Information Analysis, Japan Society for the Promotion of Science (JSPS) Chairman, Strategic Council for Al Technology Japan



Dr. Roberto M. Cesar Jr. Adjunct Coordinator São Paulo Research Foundation (FAPESP) Brazil



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Giuditta De Prato Team leader / Scientific Officer Digital Economy Unit Joint Research Centre European Commission



Bernd Stahl Investigator, Director of the Centre for Computing and Social Responsibility at De Montfort University United Kingdom



Prof. Zhenan Sun Institute of Automation (IAS) Chinese Academy of Sciences (CAS) China



Prof. Tieniu Tan Institute of Automation (IAS) Chinese Academy of Sciences (CAS) China



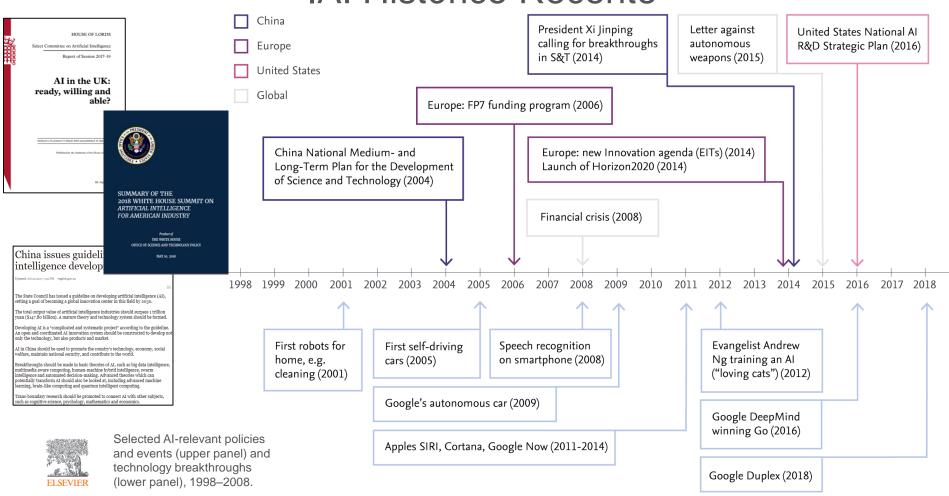
Prof. Chuang Tang
Associate Researcher
Chengdu Library and Information
Center
Chinese Academy of Sciences (CAS)
China



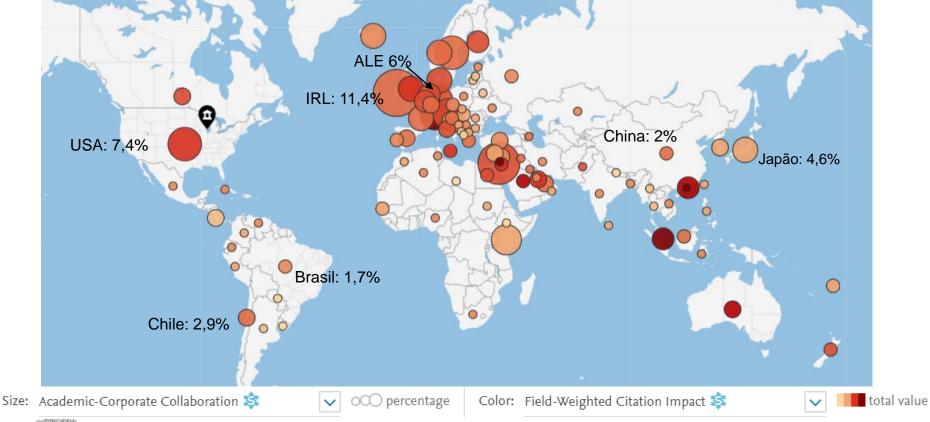
Dr. Zhiyun Zhao Director New Generation Artificial Intelligence Development Research Center



IA: Histórico Recente

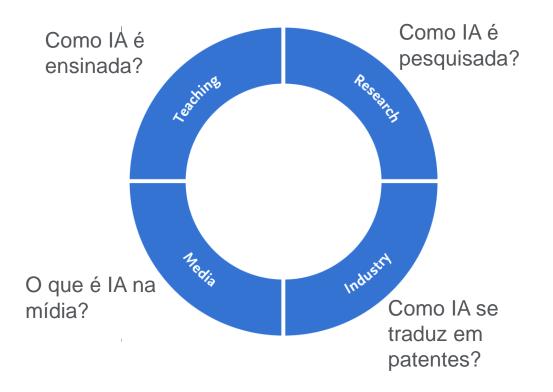


IA: Grau de colaboração Universidade-Empresas





Estudo: Abordagem Multi-Perspectiva

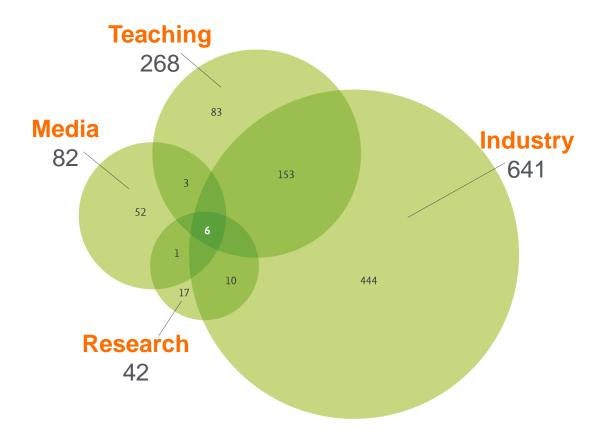




Há Pouca Interseção Entre as 4 Perspectivas

Únicos termos em comum:

- Artificial Intelligence
- Deep Learning
- Machine Learning
- Neural Network
- Reinforcement Learning
- Speech Recognition`

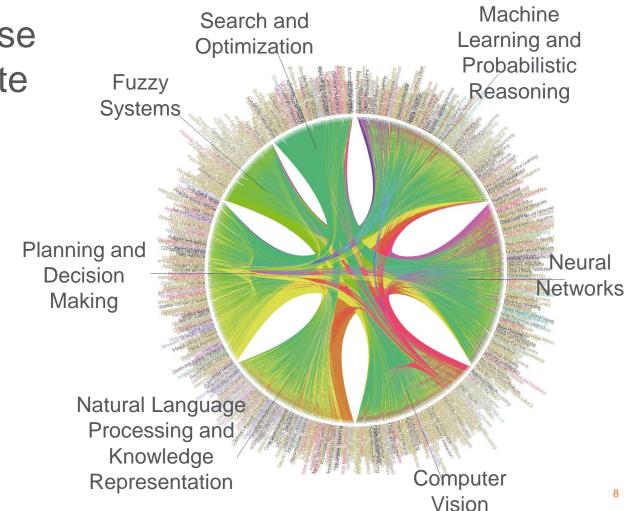




Globalmente, IA se concentra em sete clusters

Usando IA para definir IA

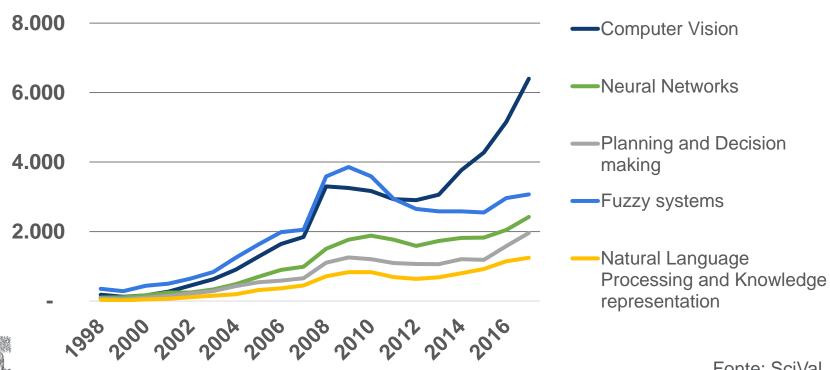
- Trained classifier to distinguish Al papers from non-Al papers
- Supervised learning using keyword cooccurrence to structure the field





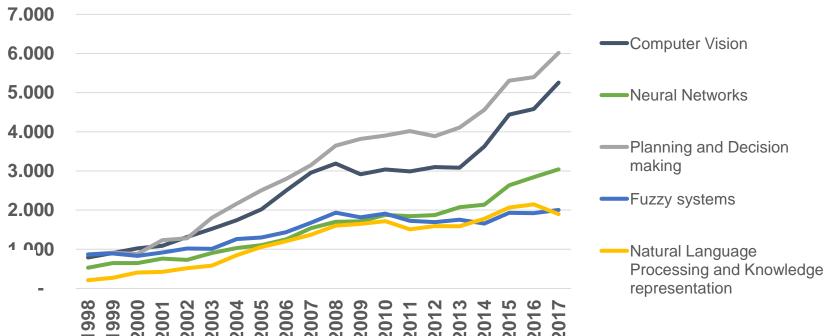
China: grande foco em Computer Vision

Number of publications



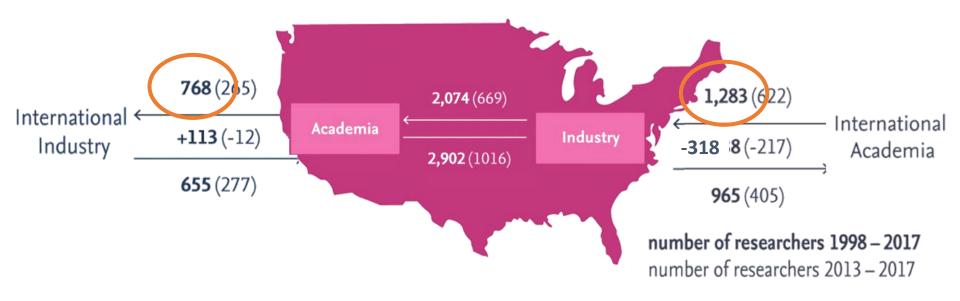
Europa e USA: equilíbrio entre as iniciativas

Number of publications



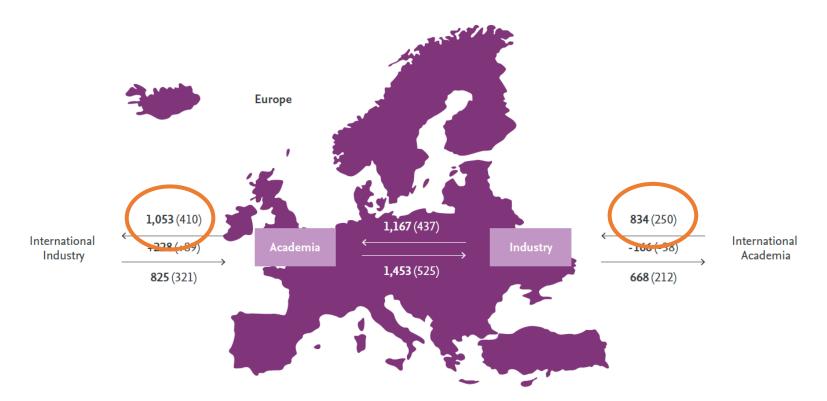


Migração de profissionais de IA entre setores e países





Migração de profissionais de IA entre setores e países



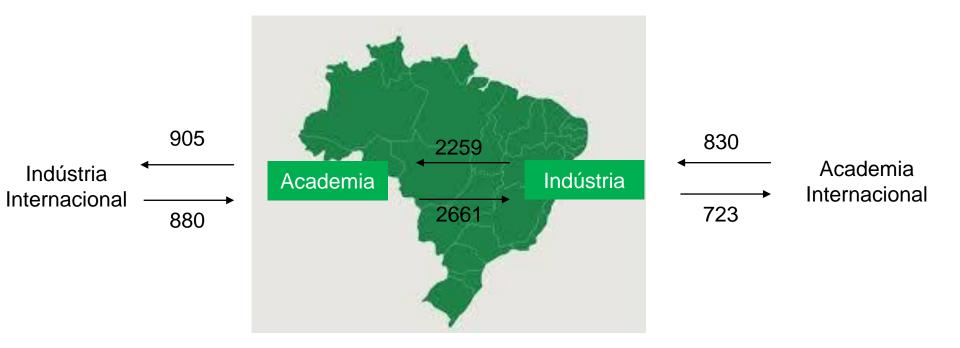


Migração de profissionais de IA entre setores e países





Migração de profissionais (total) entre setores e países





Países Registrando Patentes com Base em Pesquisa Brasileira

Citing-Patents Count in Brazil

Year range of Scholarly Output: 2013 to 2019



Países Registrando Patentes com Base em Pesquisa Italiana

> View abstract

Citing-Patents Count in Italy

Year range of Scholarly Output: 2013 to 2019



3,236 citing-patents				
Title	Inventors	Applicants/Owners	Publication year of patents	Patent office
1,4 disubstituted 3 cyano pyridone derivatives and their use as positive allosteric modulators of mGluR2 receptors View in Patent office 7	Melikyan, Gagik, Finn, Terry, Patrick, Nhem, Vanthéa and 10 more	Addex Pharma Sa;Ortho-mcneil- janssen Pharmaceuticals, Inc.	2012	EP

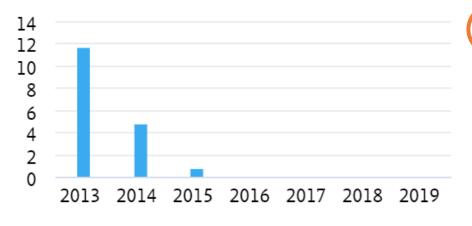


Média de Citações em Patentes da Produção Científica: Brasil

2.5

Patent-Citations per Scholarly Output





Publication year of scholarly output

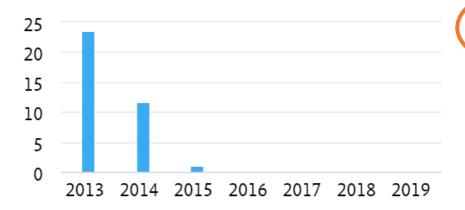
average patent-citations received per 1,000 scholarly outputs published by Brazil

Learn more about this metric a



Média de Citações em Patentes da Produção Científica: Itália

Patent-Citations per Scholarly Output



Publication year of scholarly output

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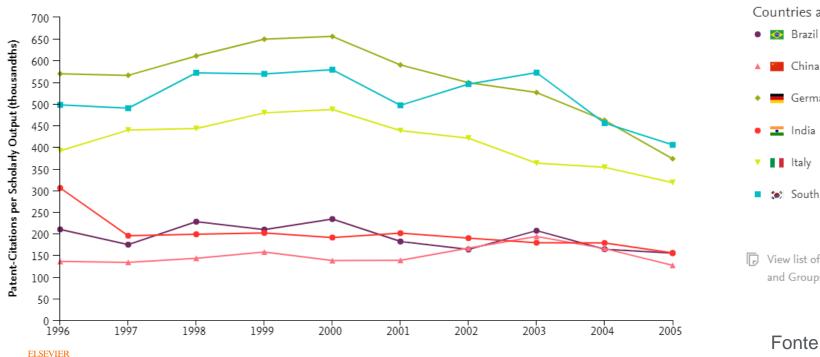
average patent-citations received per 1,000 scholarly outputs published by Italy

Learn more about this metric 7



Quantidade de Citações em Patentes da Produção Científica

Patent-Citations per Scholarly **Publication Year** Output



Countries and Groups

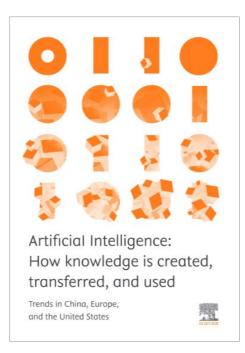
China

Germany

South Korea

View list of Scopus Sources and Groups

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