

01_descriptives

2025-08-07

Descriptives

Table 1: Descriptive Summary

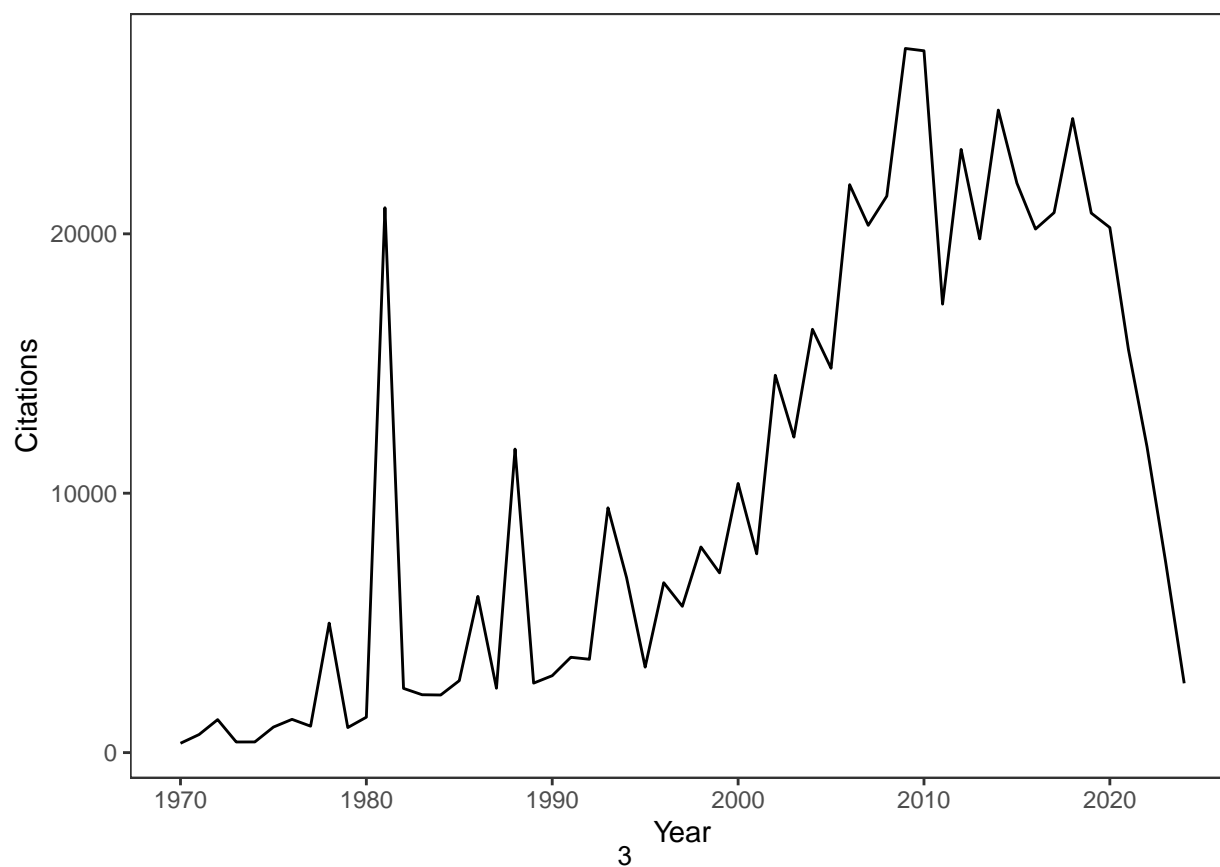
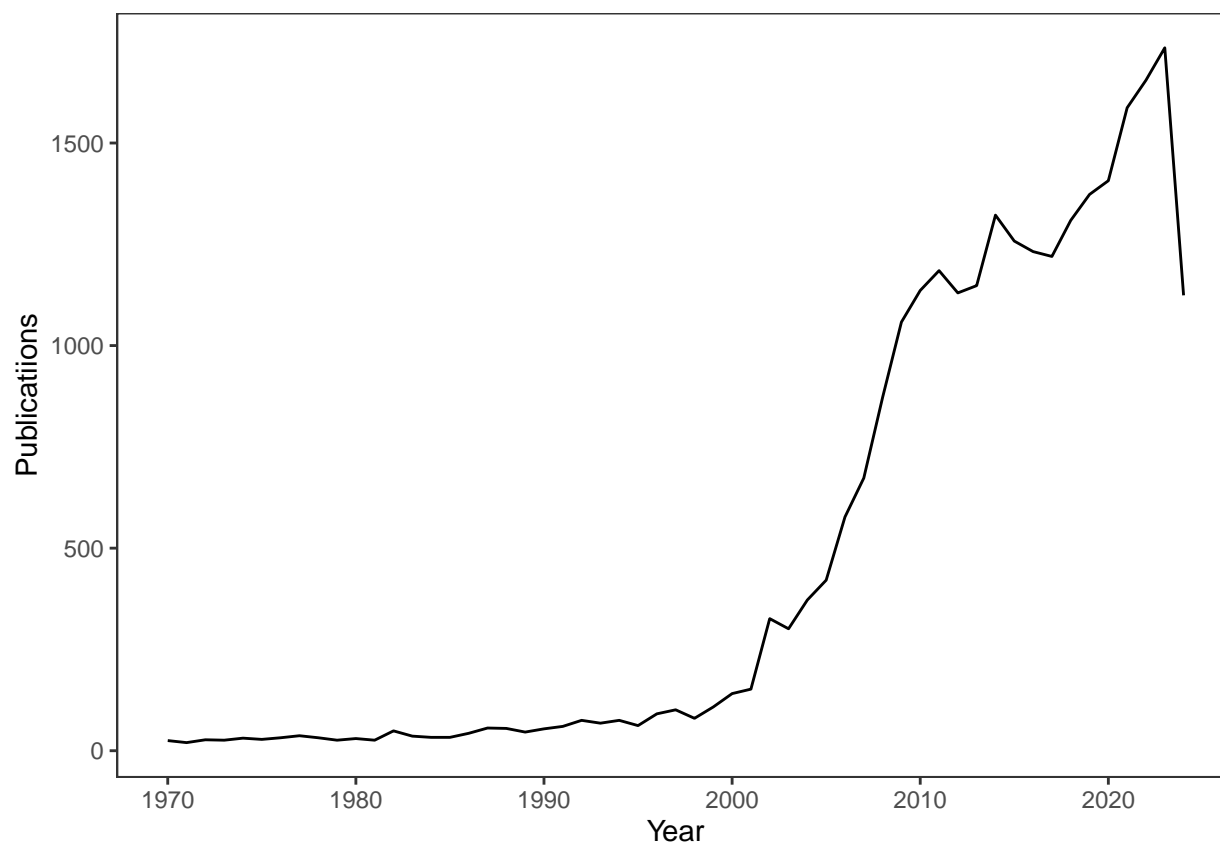
Description	
Articles	26179.00
Year (Begin)	1970.00
Year (End)	2024.00
Average Citations per Article	21.73
Authors	43627.00
Articles per Author	1.71
Authors per Article	2.85

Top Articles

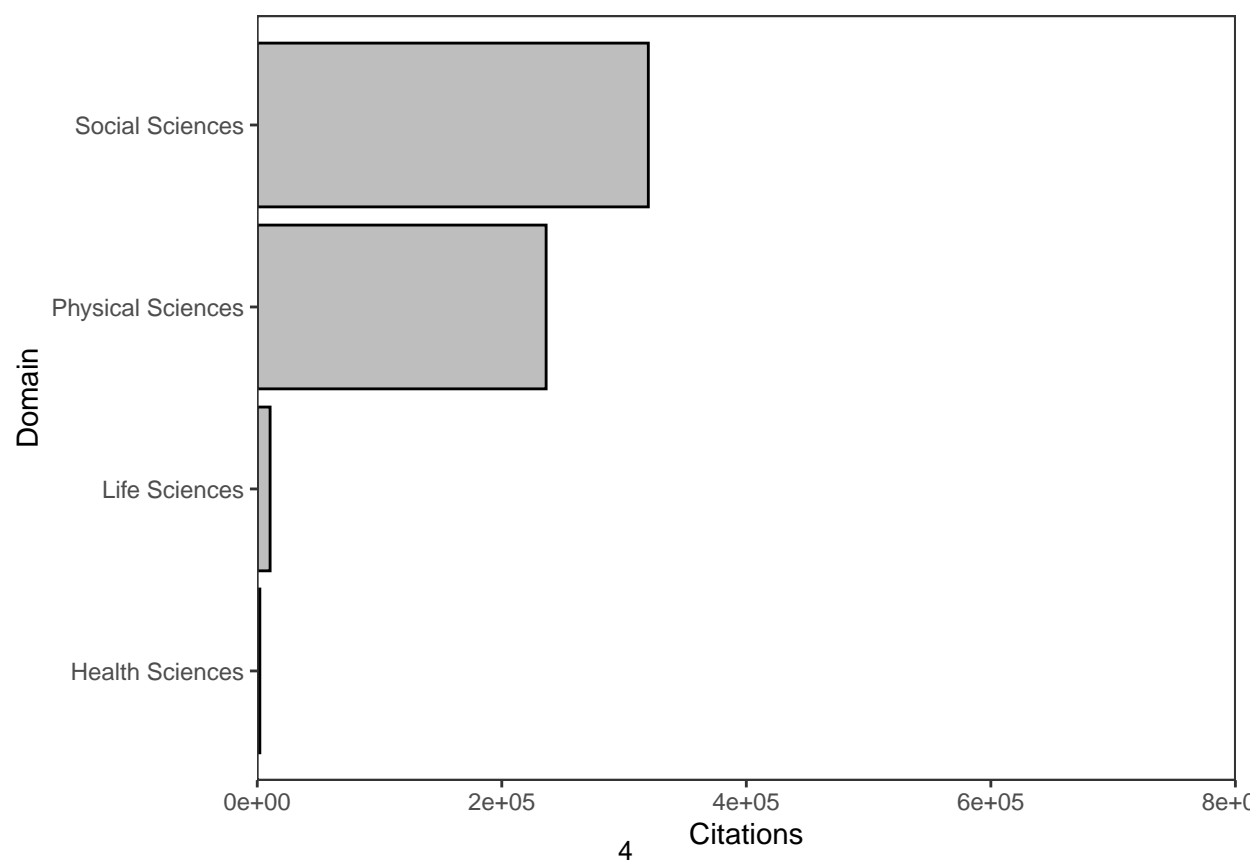
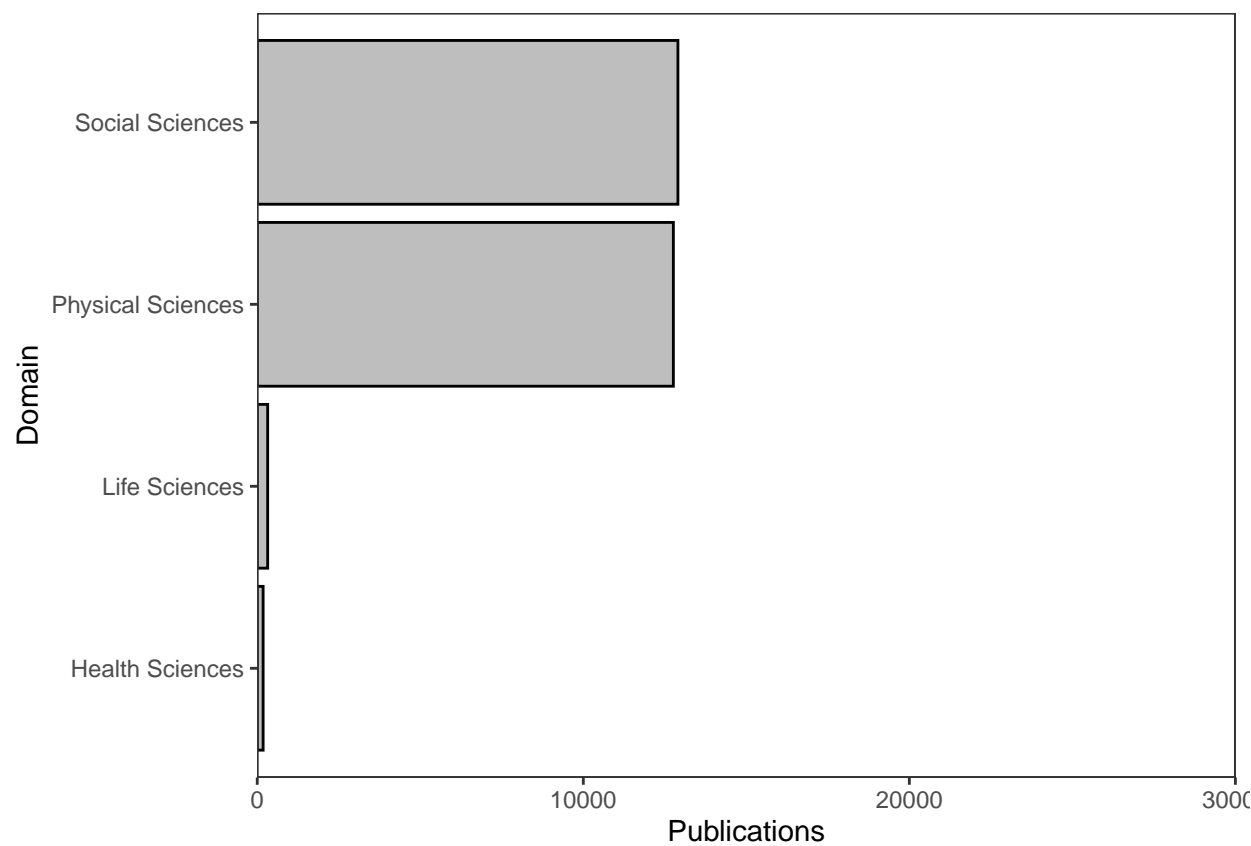
Table 2: Top Articles in Terms of Citations

Authors	Title	Year	Citations	Field
Robert Axelrod;W D Hamilton	The Evolution of Cooperation	1981	20457	Social Sciences
Robert D. Putnam	Diplomacy and domestic politics: the logic of two-level games	1988	7109	Social Sciences
Peter Taylor;Leo Jonker	Evolutionary stable strategies and game dynamics	1978	3329	Social Sciences
Amir-Hamed Mohsenian-Rad;Vincent W. S. Wong;Juri Jatskevich;Robert Schober;Alberto Leon Garcia	Autonomous Demand-Side Management Based on Game-Theoretic Energy Consumption Scheduling for the Future Smart Grid	2010	2720	Engineering
Arvind Parkhe	STRATEGIC ALLIANCE STRUCTURING: A GAME THEORETIC AND TRANSACTION COST EXAMINATION OF INTERFIRM COOPERATION.	1993	2599	Business, Management and Accounting
Drew Fudenberg;Eric Maskin	The Folk Theorem in Repeated Games with Discounting or with Incomplete Information	1986	2429	Decision Sciences
John C. Harsanyi	Games with Incomplete Information Played by "Bayesian" Players, I-III: Part I. The Basic Model	2004	2231	Economics, Econometrics and Finance
Charles F. Manski	Economic Analysis of Social Interactions	2000	2084	Economics, Econometrics and Finance
Martin A. Nowak;Karl Sigmund	A strategy of win-stay, lose-shift that outperforms tit-for-tat in the Prisoner's Dilemma game	1993	1760	Social Sciences
Francisco C. Santos;Jorge M. Pacheco	Scale-Free Networks Provide a Unifying Framework for the Emergence of Cooperation	2005	1709	Social Sciences
Hans Carlsson;Eric van Damme	Global Games and Equilibrium Selection	1993	1591	Decision Sciences
Rosemarie Nagel	Unraveling in Guessing Games: An Experimental Study	2007	1587	Decision Sciences
NA	Evolutionary prisoner's dilemma game on a square lattice	1998	1529	Social Sciences
Barry Sinervo;Curtis M. Lively	The rock-paper-scissors game and the evolution of alternative male strategies	1996	1520	Agricultural and Biological Sciences
Gary Charness;Martin Dufwenberg	Promises and Partnership	2006	1510	Social Sciences

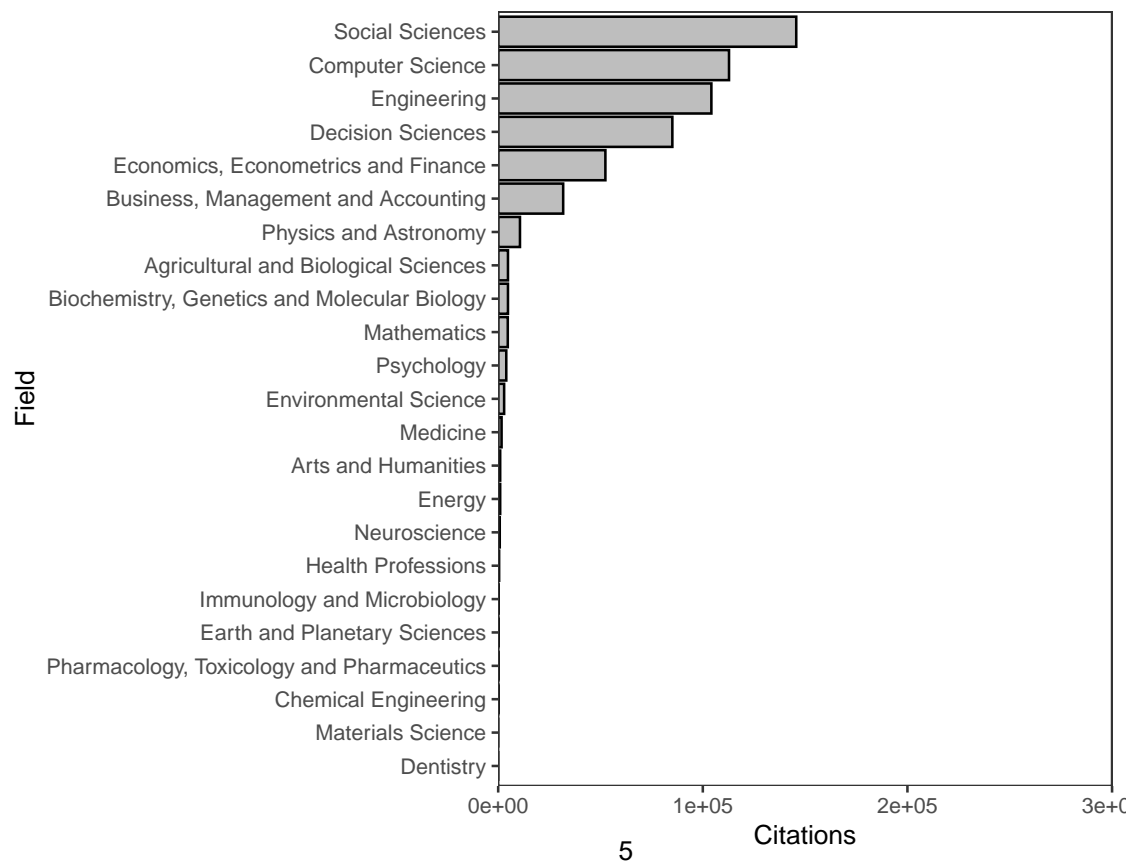
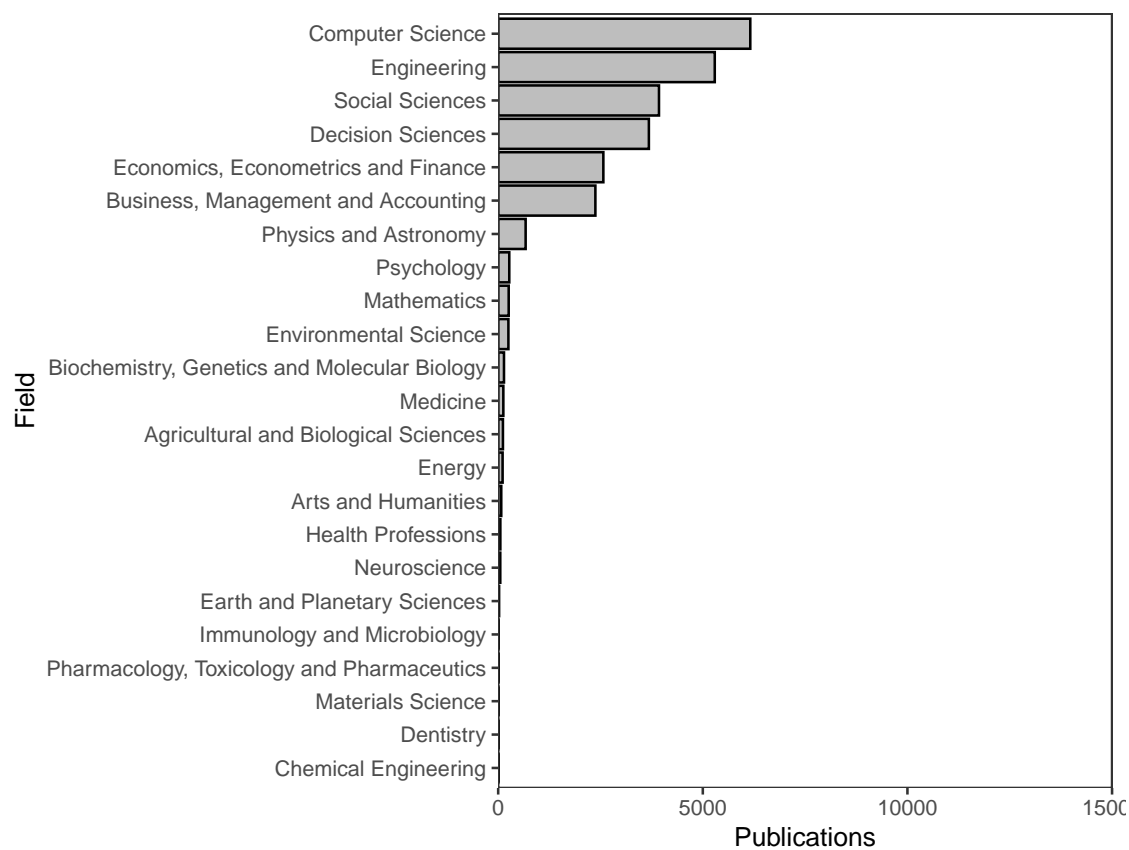
Publications over Time



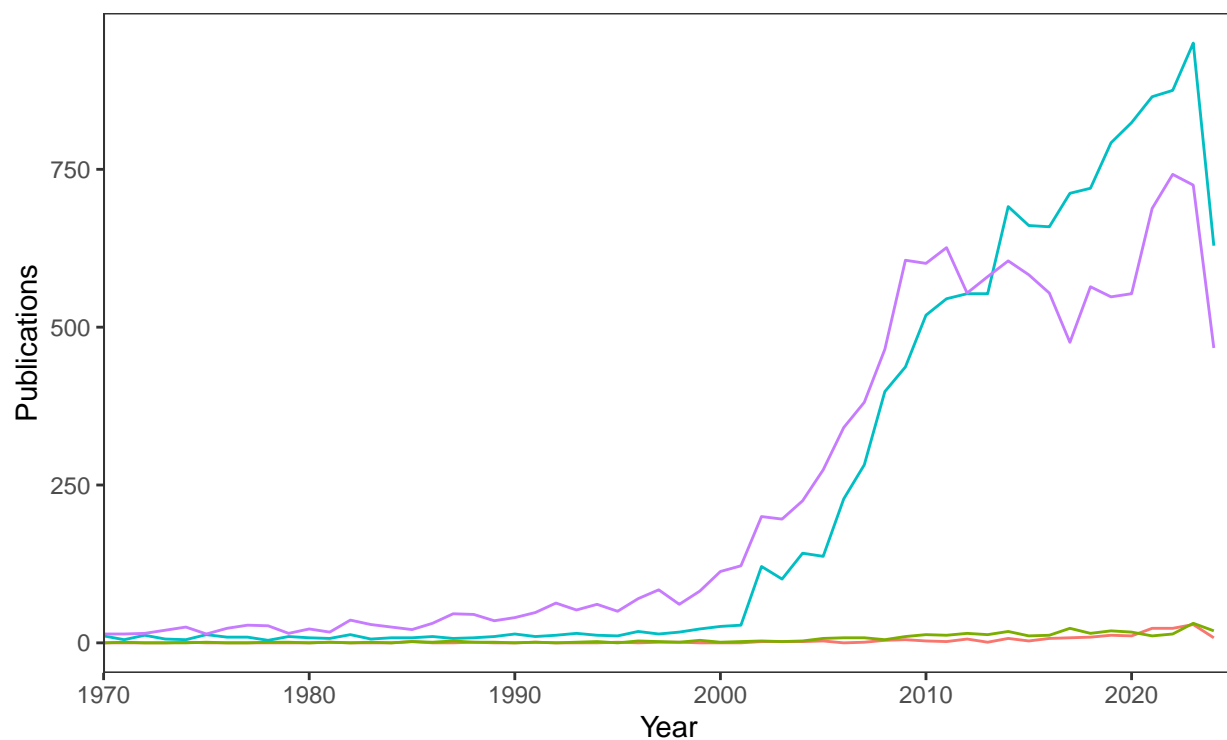
Top Domains



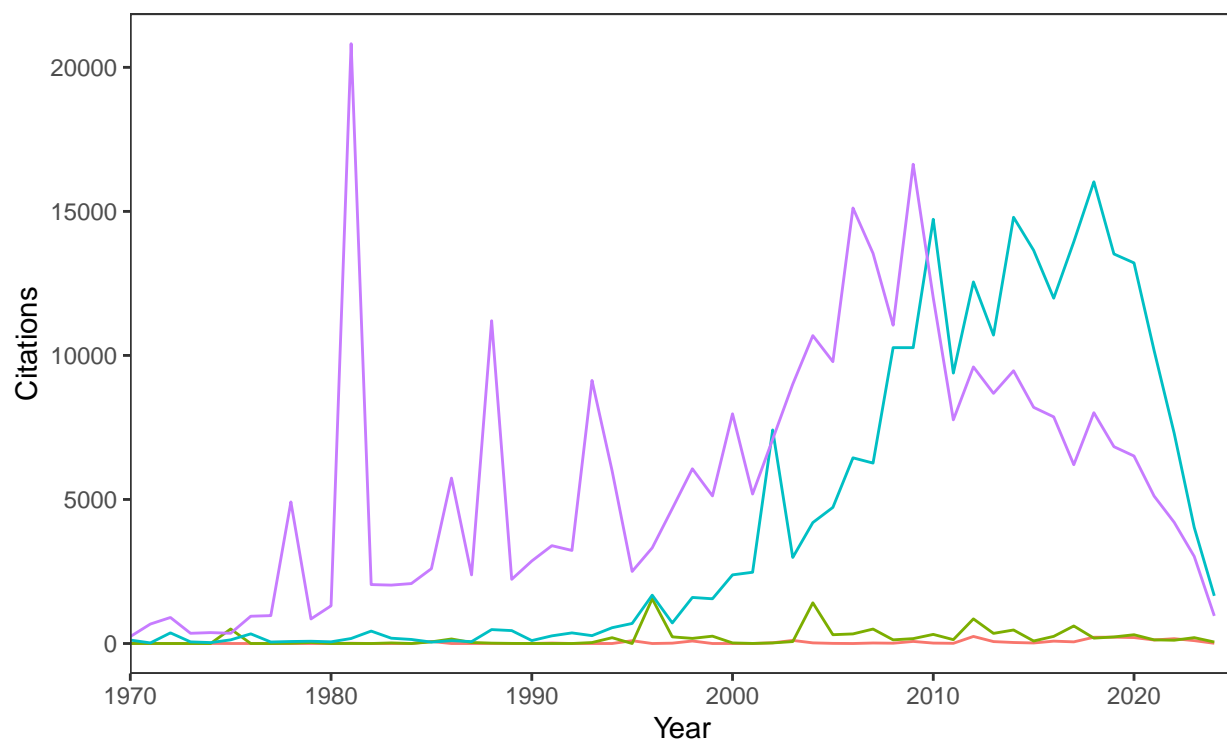
Top Fields



Domains over Time

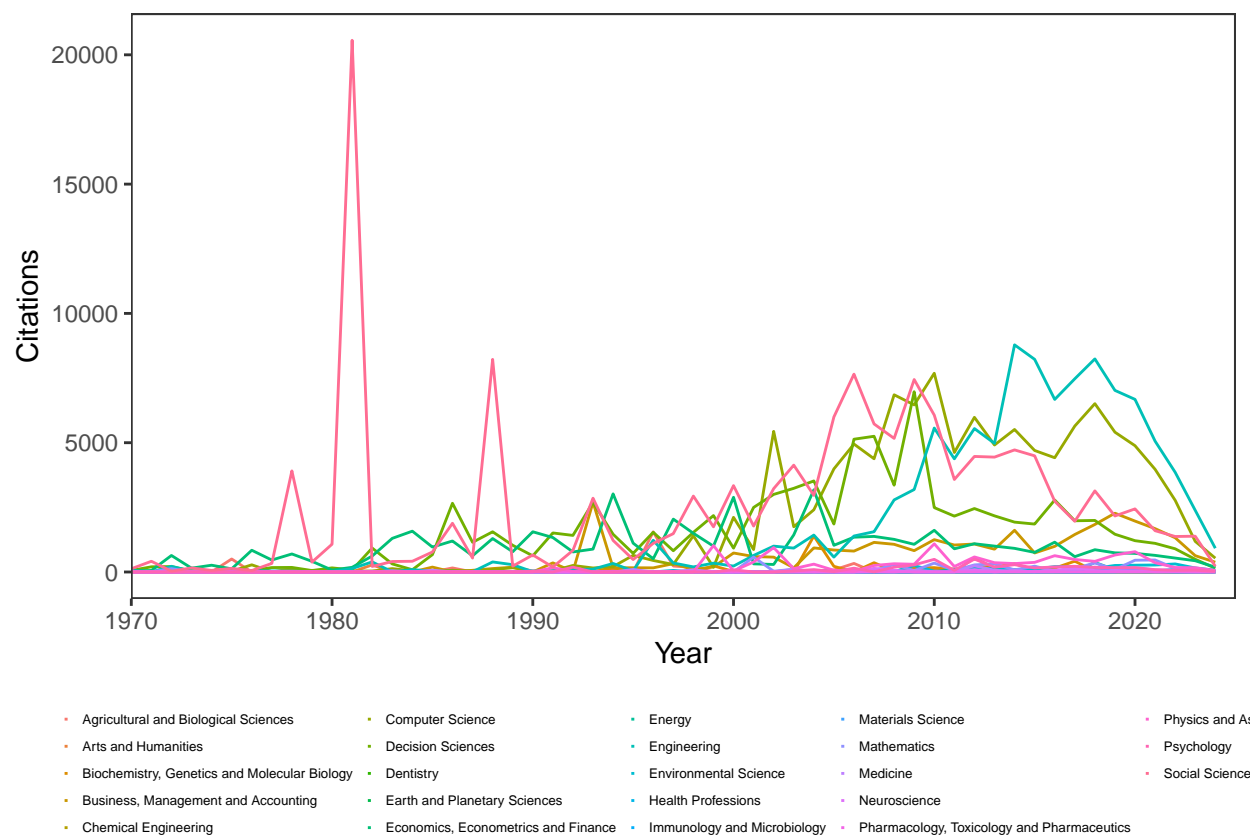
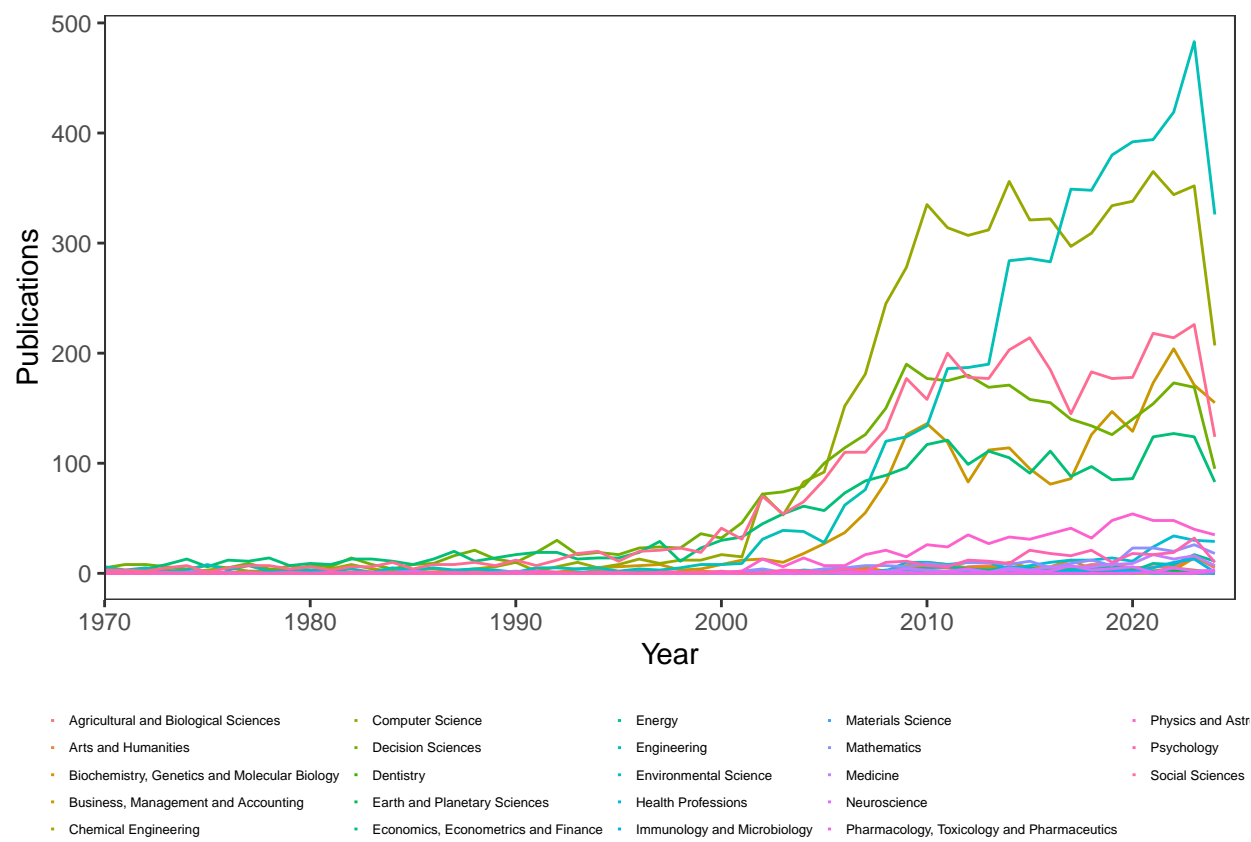


Domain — Health Sciences — Life Sciences — Physical Sciences — Social Sciences

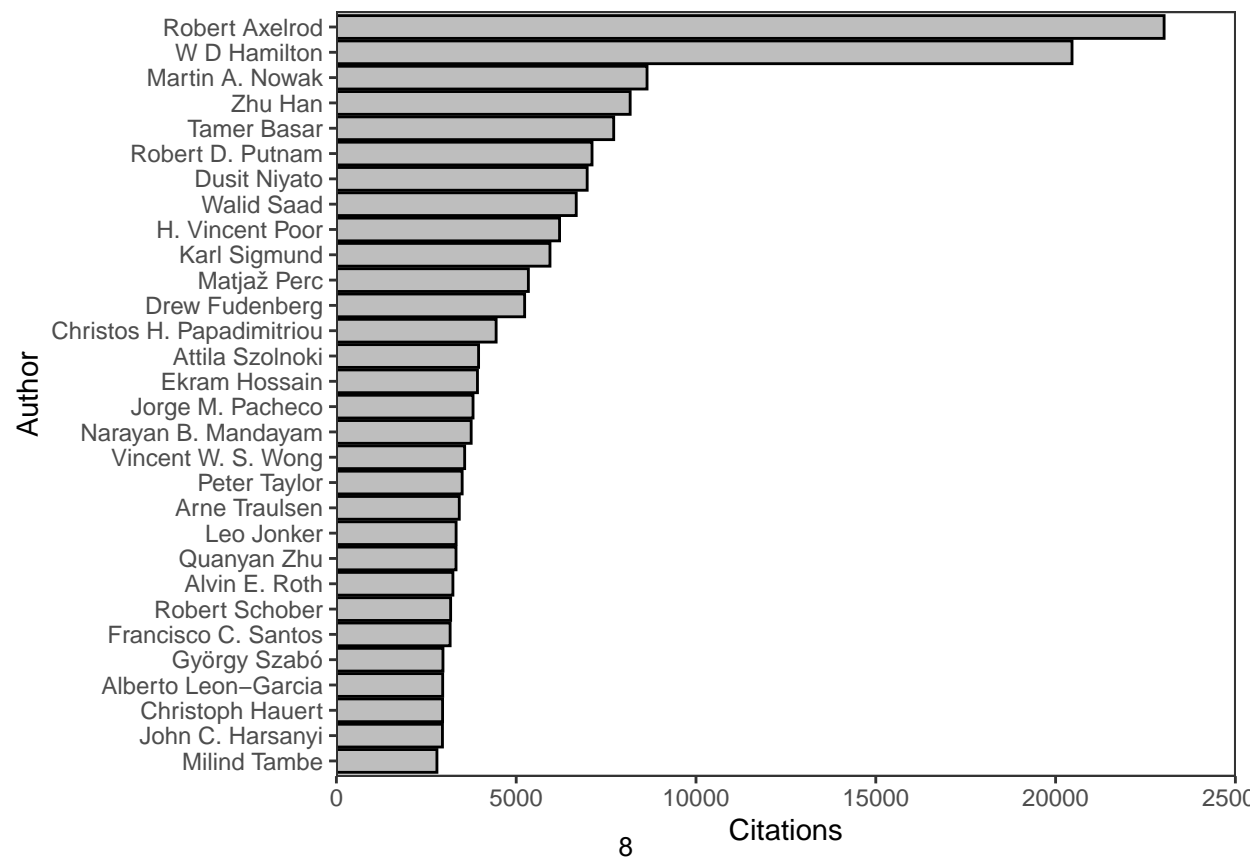
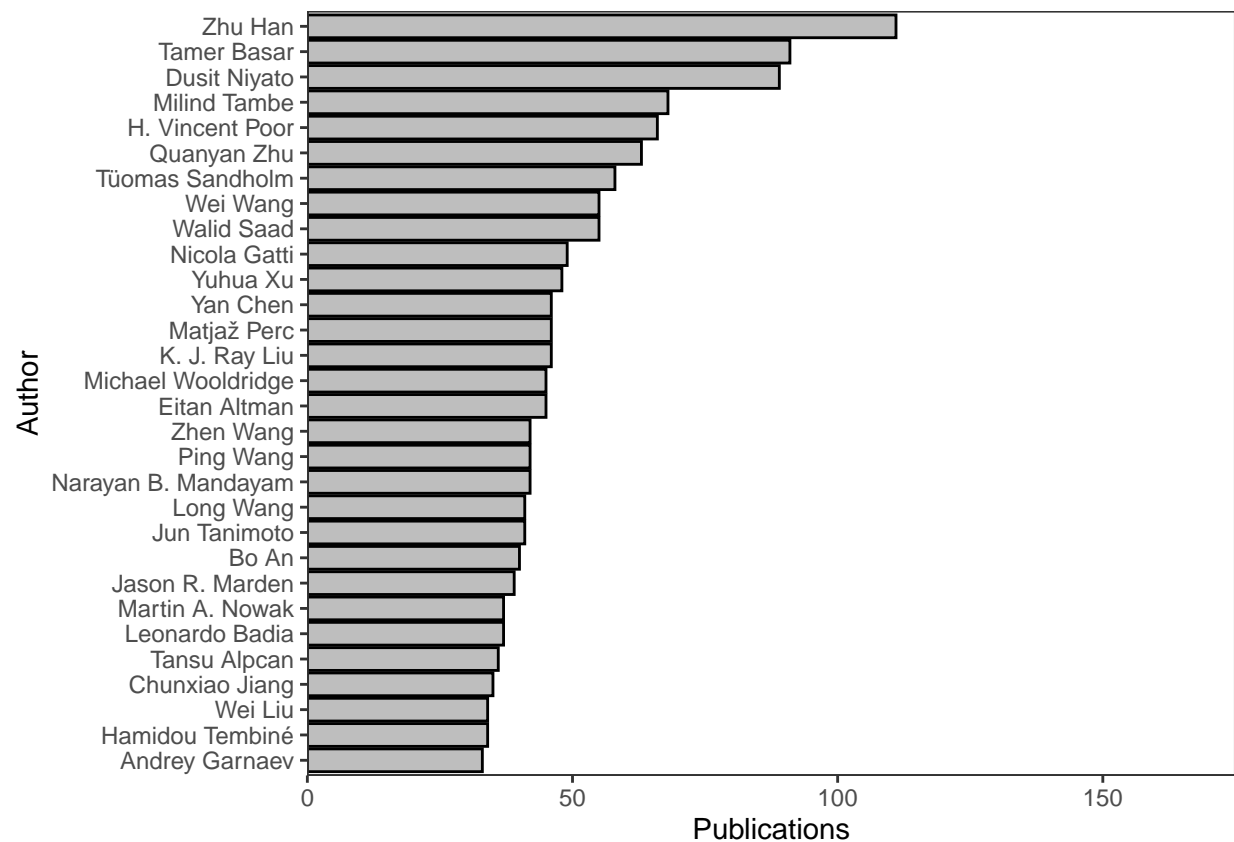


Domain — Health Sciences — Life Sciences — Physical Sciences — Social Sciences

Fields over Time



Top Authors



Top Authors per Domain

Table 3: Top Authors in Terms of Citations per Domain

Health Sciences	Life Sciences	Physical Sciences	Social Sciences
Alison P. Galvani (216)	Barry Sinervo (1520)	Zhu Han (7060)	Robert Axelrod (23018)
Eunha Shim (216)	Curtis M. Lively (1520)	Dusit Niyato (6800)	W D Hamilton (20457)
Gretchen B. Chapman (216)	Karl Sigmund (1159)	Tamer Başar (6277)	Martin A. Nowak (7475)
Jeffrey P. Townsend (216)	Martin A. Nowak (1133)	H. Vincent Poor (6029)	Robert D. Putnam (7109)
Mark Broom (127)	Joel S. Brown (547)	Walid Saad (5483)	Drew Fudenberg (5235)

Table 4: Top Authors in Terms of Publications per Domain

Health Sciences	Life Sciences	Physical Sciences	Social Sciences
Carlos Ocampo-Martínez (4)	Joel S. Brown (9)	Zhu Han (104)	Matjaž Perc (44)
Juan Martinez-Piazuelo (4)	Daizhan Cheng (5)	Dusit Niyato (82)	Long Wang (36)
Nicanor Quijano (4)	J. M. Cushing (5)	Tamer Başar (60)	Martin A. Nowak (35)
K. M. Ariful Kabir (3)	Zhao Yin (5)	H. Vincent Poor (59)	Nicola Gatti (34)
Mark Broom (3)	Kateřina Staňková (4)	Milind Tambe (58)	Zhen Wang (33)

Top Authors per Field

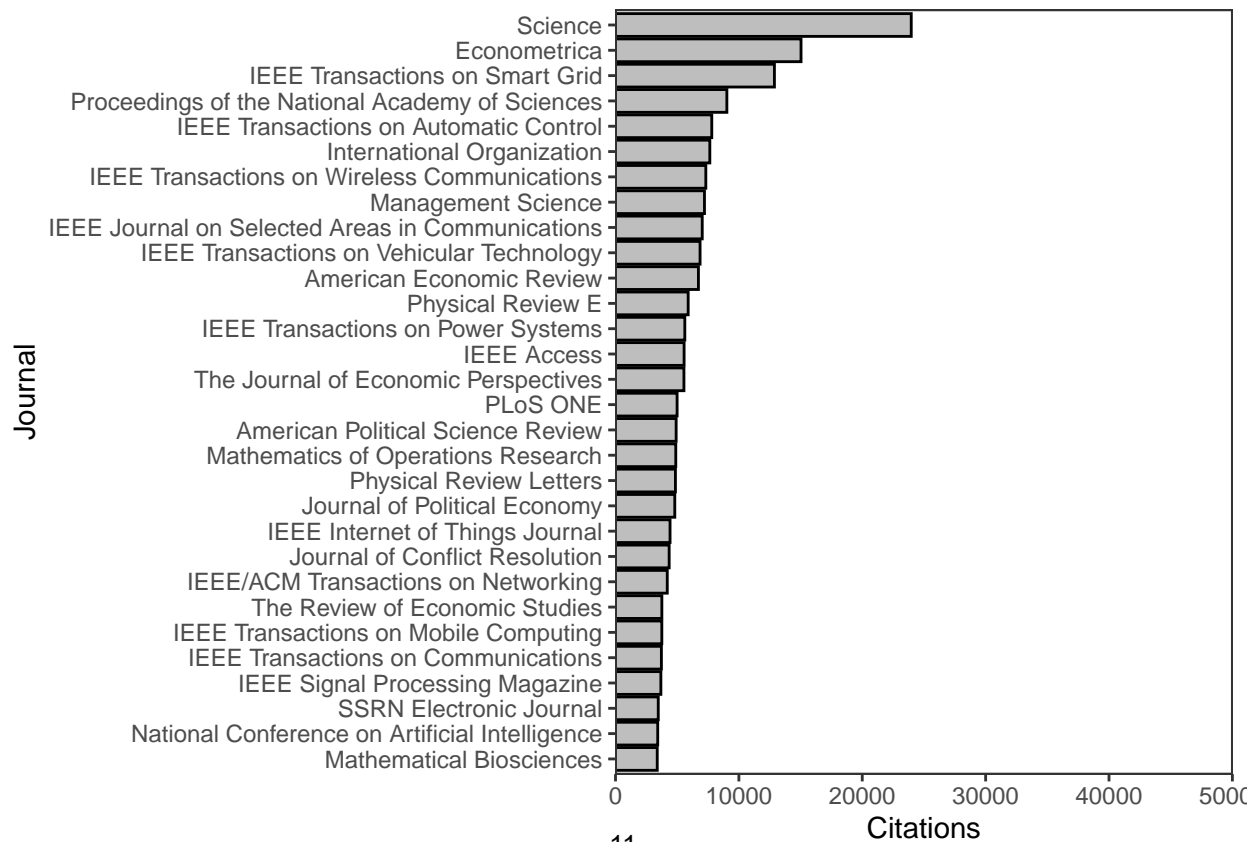
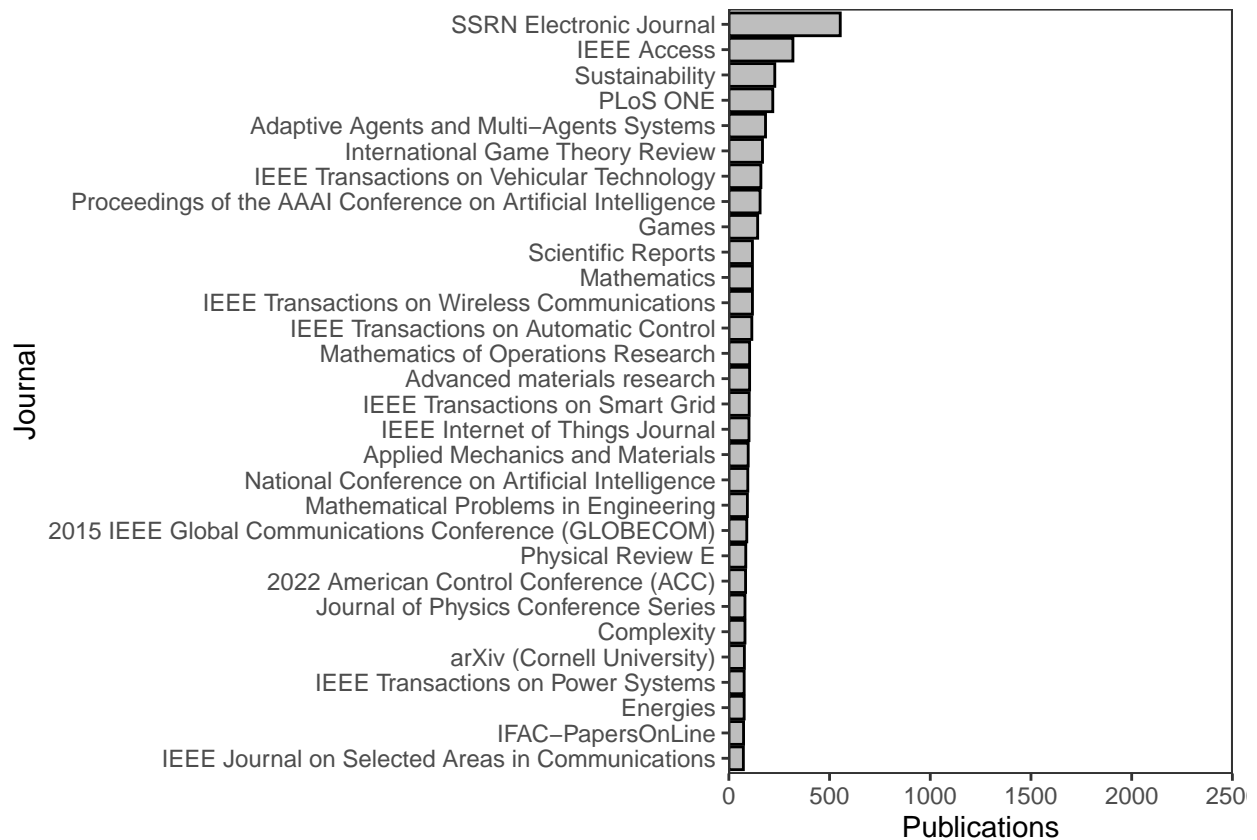
Table 5: Top Authors in Terms of Citations per Field

Field	Authors		
Agricultural and Biological Sciences	Barry Sinervo (1520)	Curtis M. Lively (1520)	Warren Y. Brockelman (503)
Arts and Humanities	Joseph B. Kadane (277)	Patrick D. Larkey (277)	Alena Denisova (141)
Biochemistry, Genetics and Molecular Biology	Karl Sigmund (1159)	Martin A. Nowak (1133)	Joel S. Brown (504)
Business, Management and Accounting	Arvind Parkhe (2599)	Zhimin Huang (854)	Susan X. Li (632)
Chemical Engineering	Lijun Wang (9)	Ping Guo (9)	Qingyang Hao (9)
Computer Science	Dusit Niyato (5096)	Zhu Han (2964)	Narayan B. Mandayam (2878)
Decision Sciences	Christos H. Papadimitriou (3472)	Drew Fudenberg (3315)	Eric Maskin (2429)
Dentistry	Khalid Mukhtar (1)	NA	NA
Earth and Planetary Sciences	Nigel Howard (9)	A. J. Goldman (7)	Douglas R. Shier (7)
Economics, Econometrics and Finance	John C. Harsanyi (2819)	Charles F. Manski (2084)	Alvin E. Roth (1507)
Energy	Wanting Chen (354)	Zhi Hua Hu (354)	Binshuo Bao (115)
Engineering	H. Vincent Poor (4755)	Tamer Başar (4573)	Zhu Han (4034)
Environmental Science	Marko Lindroos (202)	Hong Chen (165)	Ruyin Long (165)
Health Professions	Linyan Chen (59)	Xin Gao (59)	Huixing Meng (55)
Immunology and Microbiology	Dewey Taylor (98)	Jan Rychtář (98)	Parsa Mahmoudi (98)
Materials Science	M. A. Nakhod (2)	Ya. V. Kalinin (2)	E. A. Марчук (2)
Mathematics	Stan Lipovetsky (587)	Michael Conklin (576)	Jun Tanimoto (377)
Medicine	Alison P. Galvani (216)	Eunha Shim (216)	Gretchen B. Chapman (216)
Neuroscience	Steven Pinker (118)	Jana Schaich Borg (113)	Max Kramer (113)
Pharmacology, Toxicology and Pharmaceutics	Amnon Sonnenberg (7)	Cuihua Hu (3)	Greg Tong (3)
Physics and Astronomy	Jens Eisert (1021)	Maciej Lewenstein (1021)	Martin Wilkens (1021)
Psychology	Leonard A. Annetta (451)	Simon McCallum (269)	Izak Benbasat (187)
Social Sciences	Robert Axelrod (23018)	W D Hamilton (20457)	Martin A. Nowak (7472)

Table 6: Top Authors in Terms of Publications per Field

Field	Authors		
Agricultural and Biological Sciences	Barry Sinervo (1520)	Curtis M. Lively (1520)	Warren Y. Brockelman (503)
Arts and Humanities	Joseph B. Kadane (277)	Patrick D. Larkey (277)	Alena Denisova (141)
Biochemistry, Genetics and Molecular Biology	Karl Sigmund (1159)	Martin A. Nowak (1133)	Joel S. Brown (504)
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Computer Science	Dusit Niyato (5096)	Zhu Han (2964)	Narayan B. Mandayam (2878)
Decision Sciences	Christos H. Papadimitriou (3472)	Drew Fudenberg (3315)	Eric Maskin (2429)
Dentistry	Khalid Mukhtar (1)	NA	NA
Earth and Planetary Sciences	Nigel Howard (9)	A. J. Goldman (7)	Douglas R. Shier (7)
Economics, Econometrics and Finance	John C. Harsanyi (2819)	Charles F. Manski (2084)	Alvin E. Roth (1507)
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Environmental Science	Marko Lindroos (202)	Hong Chen (165)	Ruyin Long (165)
Health Professions	Linyan Chen (59)	Xin Gao (59)	Huixing Meng (55)
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Materials Science	M. A. Nakhod (2)	Ya. V. Kalinin (2)	E. A. Марчук (2)
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Psychology	Leonard A. Annetta (451)	Simon McCallum (269)	Izak Benbasat (187)
Social Sciences	Robert Axelrod (23018)	W D Hamilton (20457)	Martin A. Nowak (7472)

Top Journals



Top Keywords

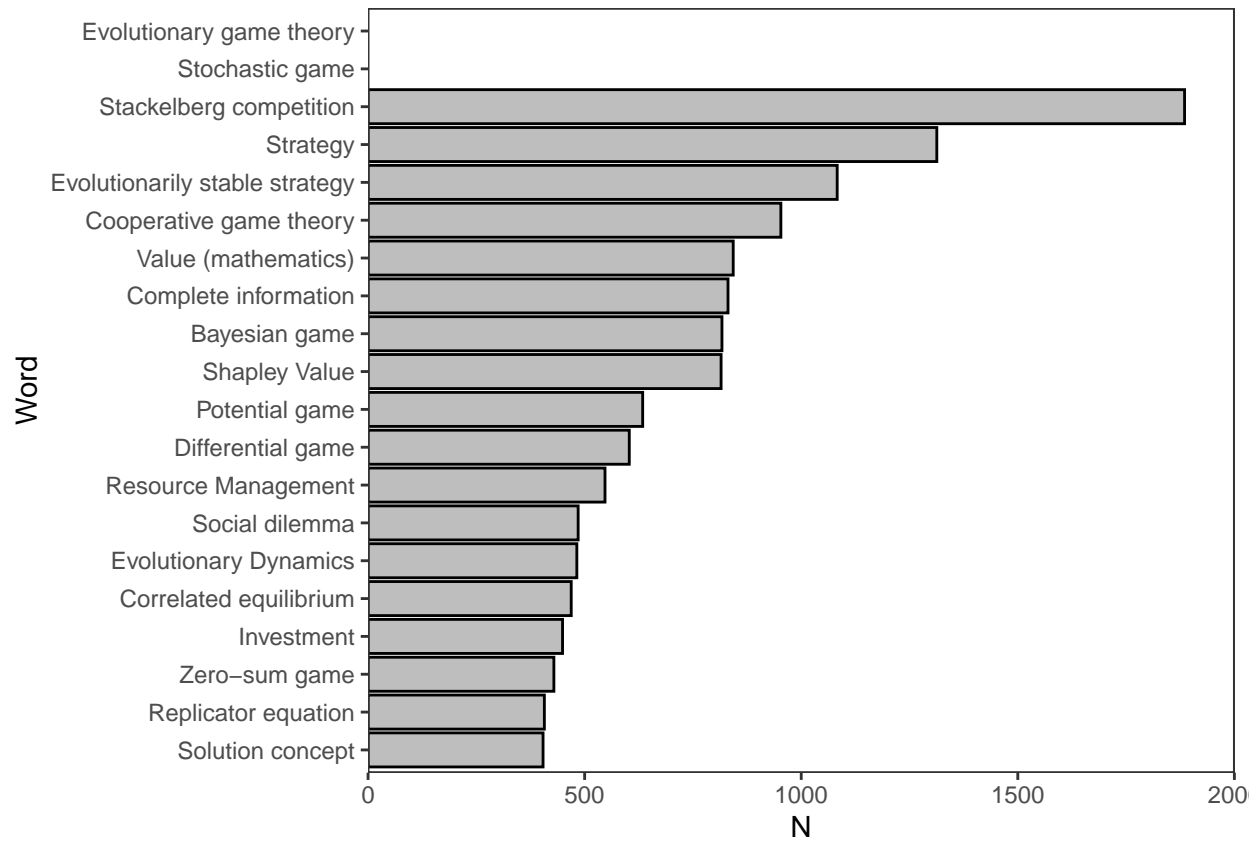


Table 7: Top Keywords

keywords	N
Evolutionary game theory	2138
Stochastic game	2123
Stackelberg competition	1885
Strategy	1313
Evolutionarily stable strategy	1083
Cooperative game theory	953
Value (mathematics)	843
Complete information	831
Bayesian game	817
Shapley Value	815
Potential game	634
Differential game	603
Resource Management	547
Social dilemma	485
Evolutionary Dynamics	482
Correlated equilibrium	469
Investment	449
Zero-sum game	429
Replicator equation	407
Solution concept	404