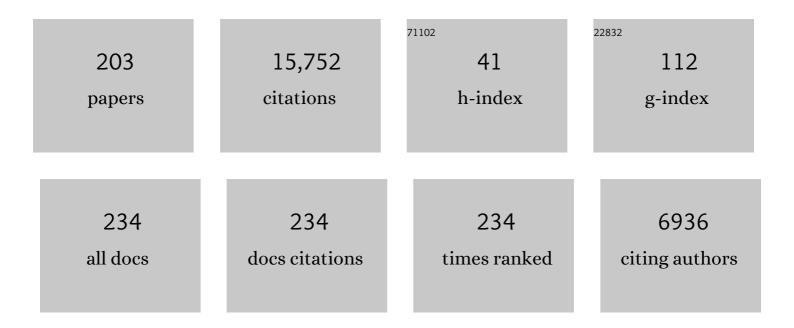
List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1717319/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Half a century of research on antipsychotics and schizophrenia: A scientometric study of hotspots, nodes, bursts, and trends. Neuroscience and Biobehavioral Reviews, 2022, 136, 104608.	6.1	67
2	Half a century of research on Attention-Deficit/Hyperactivity Disorder: A scientometric study. Neuroscience and Biobehavioral Reviews, 2022, 140, 104769.	6.1	25
3	How do Price medalists' scholarly impact change before and after their awards?. Scientometrics, 2021, 126, 5945-5981.	3.0	5
4	Editorial: Coronavirus Research Landscape: Resources, Utilities, and Analytic Studies. Frontiers in Research Metrics and Analytics, 2021, 6, 712672.	1.9	0
5	The boundary-spanning mechanisms of Nobel Prize winning papers. PLoS ONE, 2021, 16, e0254744.	2.5	22
6	An Extensive Knowledge Mapping Review of Measurement and Validity in Language Assessment and SLA Research. Frontiers in Psychology, 2020, 11, 1941.	2.1	20
7	A Glimpse of the First Eight Months of the COVID-19 Literature on Microsoft Academic Graph: Themes, Citation Contexts, and Uncertainties. Frontiers in Research Metrics and Analytics, 2020, 5, 607286.	1.9	96
8	Introduction to Information Visualization: Transforming Data into Meaningful Information. By Gerald Benoit. Journal of Education for Library and Information Science, 2020, 61, 300-302.	0.6	2
9	Measuring researchers' potential scholarly impact with structural variations: Four types of researchers in information science (1979–2018). PLoS ONE, 2020, 15, e0234347.	2.5	12
10	Visualizing a field of research: A methodology of systematic scientometric reviews. PLoS ONE, 2019, 14, e0223994.	2.5	528
11	PaperPoles: Facilitating adaptive visual exploration of scientific publications by citation links. Journal of the Association for Information Science and Technology, 2019, 70, 843-857.	2.9	16
12	Expert System Technology: Expert System Interface. , 2019, , 6-1-6-12.		1
13	Visualizing a field of research: A methodology of systematic scientometric reviews. , 2019, 14, e0223994.		0
14	Visualizing a field of research: A methodology of systematic scientometric reviews. , 2019, 14, e0223994.		0
15	Visualizing a field of research: A methodology of systematic scientometric reviews. , 2019, 14, e0223994.		0
16	Visualizing a field of research: A methodology of systematic scientometric reviews. , 2019, 14, e0223994.		0
17	A scalable and adaptive method for finding semantically equivalent cue words of uncertainty. Journal of Informetrics, 2018, 12, 158-180.	2.9	31
18	Visualizing and Exploring Scientific Literature with CiteSpace. , 2018, , .		24

#	Article	IF	CITATIONS
19	Emerging trends and new developments in information science: a document co-citation analysis (2009â $\epsilon$ "2016). Scientometrics, 2018, 115, 869-892.	3.0	210
20	Eugene Garfield's scholarly impact: a scientometric review. Scientometrics, 2018, 114, 489-516.	3.0	24
21	Temporal Representations of Citations for Understanding the Changing Roles of Scientific Publications. Frontiers in Research Metrics and Analytics, 2018, 3, .	1.9	7
22	Predictive Effects of Novelty Measured by Temporal Embeddings on the Growth of Scientific Literature. Frontiers in Research Metrics and Analytics, 2018, 3, .	1.9	8
23	Using Operando Characterization, Data Analytics, and Artificial Intelligence to Understand Mechanistic Links between Processing and Structure. Microscopy and Microanalysis, 2018, 24, 258-259.	0.4	Ο
24	LitStoryTeller+: an interactive system for multi-level scientific paper visual storytelling with a supportive text mining toolbox. Scientometrics, 2018, 116, 1887-1944.	3.0	7
25	How many ways to use CiteSpace? A study of user interactive events over 14 months. Journal of the Association for Information Science and Technology, 2017, 68, 1234-1256.	2.9	53
26	Science Mapping: A Systematic Review of the Literature. Journal of Data and Information Science, 2017, 2, 1-40.	1.1	830
27	The Dynamics of Scientific Knowledge: Macroscopic Views. , 2017, , 37-55.		Ο
28	Literature-Based Discovery. , 2017, , 263-281.		0
29	Representing Scientific Knowledge. , 2017, , .		33
30	Science Mapping Tools and Applications. , 2017, , 57-137.		4
31	The Uncertainty of Science: Navigating Through the Unknown. , 2017, , 1-35.		2
32	Patterns and Trends in Semantic Predications. , 2017, , 283-336.		2
33	Visualizing the Knowledge Domain of Nanoparticle Drug Delivery Technologies: A Scientometric Review. Applied Sciences (Switzerland), 2016, 6, 11.	2.5	43
34	Grand Challenges in Measuring and Characterizing Scholarly Impact. Frontiers in Research Metrics and Analytics, 2016, 1, .	1.9	22
35	Semi-supervised Dirichlet-Hawkes process with applications of topic detection and tracking in Twitter. , 2016, , .		6
36	Analysis of citation networks as a new tool for scientific research. MRS Bulletin, 2016, 41, 1009-1016.	3.5	8

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#	Article	IF	CITATIONS
55	Visual Analytics. , 2013, , 321-339.		1
56	Mapping Scientific Frontiers. , 2013, , .		59
57	Hindsight, insight, and foresight: a multi-level structural variation approach to the study of a scientific field. Technology Analysis and Strategic Management, 2013, 25, 619-640.	3.5	34
58	Interactive overlays of journals and the measurement of interdisciplinarity on the basis of aggregated journal–journal citations. Journal of the Association for Information Science and Technology, 2013, 64, 2573-2586.	2.6	92
59	Where are citations located in the body of scientific articles? A study of the distributions of citation locations. Journal of Informetrics, 2013, 7, 887-896.	2.9	59
60	A visual analytic study of retracted articles in scientific literature. Journal of the Association for Information Science and Technology, 2013, 64, 234-253.	2.6	44
61	The differences between latent topics in abstracts and citation contexts of citing papers. Journal of the Association for Information Science and Technology, 2013, 64, 627-639.	2.6	29
62	Front Matter: Volume 8654. Proceedings of SPIE, 2013, , .	0.8	0
63	Front Matter: Volume 9017. Proceedings of SPIE, 2013, , .	0.8	Ο
64	Effects of Domain Knowledge on User Performance and Perception in a Knowledge Domain Visualization System. Lecture Notes in Computer Science, 2013, , 601-610.	1.3	4
65	Front Matter: Volume 8294. Proceedings of SPIE, 2012, , .	0.8	Ο
66	Information visualization state of the art and future directions. Proceedings of the American Society for Information Science and Technology, 2012, 49, 1-3.	0.2	4
67	The Top 10 Challenges in Extreme-Scale Visual Analytics. IEEE Computer Graphics and Applications, 2012, 32, 63-67.	1.2	97
68	Emerging trends in regenerative medicine: a scientometric analysis in <i>CiteSpace</i> . Expert Opinion on Biological Therapy, 2012, 12, 593-608.	3.1	860
69	Top Ten Interaction Challenges in Extreme-Scale Visual Analytics. , 2012, , 197-207.		10
70	SDSS Log Viewer : visual exploratory analysis of large-volume SQL log data. Proceedings of SPIE, 2012, ,	0.8	1
71	The proximity of co-citation. Scientometrics, 2012, 91, 495-511.	3.0	49
72	Predictive effects of structural variation on citation counts. Journal of the Association for Information Science and Technology, 2012, 63, 431-449.	2.6	200

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73	Messages in Text. , 2011, , 177-218.		Ο
74	Data repository mapping for influenza protein sequence analysis. , 2011, , .		3
75	Front Matter: Volume 7868. Proceedings of SPIE, 2011, , .	0.8	Ο
76	Graph Analytics-Lessons Learned and Challenges Ahead. IEEE Computer Graphics and Applications, 2011, 31, 18-29.	1.2	9
77	Scientometrics of big science: a case study of research in the Sloan Digital Sky Survey. Scientometrics, 2011, 86, 1-14.	3.0	10
78	Turning Points. , 2011, , .		23
79	Modeling Users' Data Usage Experiences from Scientific Literature. Lecture Notes in Computer Science, 2011, , 337-346.	1.3	1
80	Foraging. , 2011, , 87-137.		0
81	The Gathering Storm. , 2011, , 1-20.		0
82	Creative Thinking. , 2011, , 21-41.		0
83	Transformative Potential. , 2011, , 219-252.		0
84	Recognizing the Potential of Research. , 2011, , 69-86.		0
85	Cognitive Biases and Pitfalls. , 2011, , 43-67.		Ο
86	Knowledge Domain Analysis. , 2011, , 139-175.		0
87	Making sense of the evolution of a scientific domain: a visual analytic study of the Sloan Digital Sky Survey research. Scientometrics, 2010, 83, 669-688.	3.0	3
88	The structure and dynamics of cocitation clusters: A multipleâ€perspective cocitation analysis. Journal of the Association for Information Science and Technology, 2010, 61, 1386-1409.	2.6	1,081
89	The use of scientific data: A content analysis. Proceedings of the American Society for Information Science and Technology, 2010, 47, 1-2.	0.2	3
90	Information visualization. Wiley Interdisciplinary Reviews: Computational Statistics, 2010, 2, 387-403.	3.9	69

#	Article	lF	CITATIONS
91	Towards an explanatory and computational theory of scientific discovery. Journal of Informetrics, 2009, 3, 191-209.	2.9	303
92	AI and Global Science and Technology Assessment. IEEE Intelligent Systems, 2009, 24, 68-88.	4.0	5
93	Visualizing the Intellectual Structure with Paper-Reference Matrices. IEEE Transactions on Visualization and Computer Graphics, 2009, 15, 1153-1160.	4.4	26
94	Human Factors in the Development of Trend Detection and Tracking Techniques. , 2009, , 1678-1686.		0
95	Thematic maps of 19 iSchools. Proceedings of the American Society for Information Science and Technology, 2008, 45, 1-12.	0.2	11
96	The thematic and citation landscape of Data and Knowledge Engineering (1985–2007). Data and Knowledge Engineering, 2008, 67, 234-259.	3.4	126
97	An Information-Theoretic View of Visual Analytics. IEEE Computer Graphics and Applications, 2008, 28, 18-23.	1.2	33
98	Grand challenge award: Data integration visualization and collaboration in the VAST 2008 Challenge. , 2008, , .		2
99	Analyzing the Propagation of Influence and Concept Evolution in Enterprise Social Networks through Centrality and Latent Semantic Analysis. , 2008, , 1090-1098.		3
100	Delineating the citation impact of scientific discoveries. , 2007, , .		7
101	Holistic senseâ€making: conflicting opinions, creative ideas, and collective intelligence. Library Hi Tech, 2007, 25, 311-327.	5.1	8
102	Search result visualization panel. Proceedings of the American Society for Information Science and Technology, 2007, 43, 1-2.	0.2	0
103	Storylines: Visual exploration and analysis in latent semantic spaces. Computers and Graphics, 2007, 31, 338-349.	2.5	22
104	Tracing Conceptual and Geospatial Diffusion of Knowledge. Lecture Notes in Computer Science, 2007, , 265-274.	1.3	13
105	Visual Analysis of Conflicting Opinions. , 2006, , .		58
106	CiteSpace II: Detecting and visualizing emerging trends and transient patterns in scientific literature. Journal of the Association for Information Science and Technology, 2006, 57, 359-377.	2.6	3,316
107	Visualizing an enterprise social network from email. , 2006, , .		4
108	Trailblazing through a Knowledge Space of Science: Forward Citation Expansion in CiteSeer. Proceedings of the American Society for Information Science and Technology, 2006, 43, 1-17.	0.2	0

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109	Visualizing the Evolution of HCI. , 2006, , 233-250.		6
110	Information Visualization and the Semantic Web. , 2006, , 19-44.		3
111	Human Factors in the Development of Trend Detection and Tracking Techniques. , 2006, , 273-279.		0
112	Analyzing and Visualizing the Dynamics of Scientific Frontiers and Knowledge Diffusion. , 2006, , 24-30.		0
113	Concluding Remarks: Today's Vision of Envisioning the Semantic Future. , 2006, , 243-244.		0
114	Measuring the movement of a research paradigm. , 2005, , .		10
115	Visualizing knowledge domains. Annual Review of Information Science & Technology, 2005, 37, 179-255.	2.2	1,024
116	Mapping Scientometrics (1981-2001). Proceedings of the American Society for Information Science and Technology, 2005, 39, 25-34.	0.2	16
117	Mapping the knowledge. Sponsored by SIG MET, SIG VIS. Proceedings of the American Society for Information Science and Technology, 2005, 39, 511-512.	0.2	0
118	Studying scientific collaboration. Part 1: Methodology for investigating collaboration. Part 2: Research papers - collaboration in action. Proceedings of the American Society for Information Science and Technology, 2005, 41, 545-549.	0.2	2
119	Visualizing Complex Networks. , 2005, , 183-201.		2
120	The centrality of pivotal points in the evolution of scientific networks. , 2005, , .		69
121	From Spatial Proximity to Semantic Coherence: A Quantitative Approach to the Study of Group Dynamics in Collaborative Virtual Environments. Presence: Teleoperators and Virtual Environments, 2005, 14, 81-103.	0.6	8
122	Measuring the quality of network visualization. , 2005, , .		4
123	Top 10 unsolved information visualization problems. IEEE Computer Graphics and Applications, 2005, 25, 12-16.	1.2	255
124	CiteSpace II: visualization and knowledge discovery in bibliographic databases. AMIA Annual Symposium proceedings, 2005, , 724-8.	0.2	82
125	Searching for clinical evidence in CiteSpace. AMIA Annual Symposium proceedings, 2005, , 121-5.	0.2	9

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127	Searching for intellectual turning points: Progressive knowledge domain visualization. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5303-5310.	7.1	1,593
128	User-controlled mapping of significant literatures. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5297-5302.	7.1	34
129	Tracing knowledge diffusion. Scientometrics, 2004, 59, 199-211.	3.0	133
130	Panel 1: Can We Determine the Top Unresolved Problems of Visualization?. , 2004, , .		13
131	Visualizing scientific paradigms: An introduction. Journal of the Association for Information Science and Technology, 2003, 54, 392-393.	2.6	11
132	The rising landscape: A visual exploration of superstring revolutions in physics. Journal of the Association for Information Science and Technology, 2003, 54, 435-446.	2.6	48
133	Articles in this Issue. Information Visualization, 2003, 2, 81-81.	1.9	1
134	Mapping Scientific Frontiers: The Quest for Knowledge Visualization. , 2003, , .		137
135	Mapping the Mind. , 2003, , 67-99.		2
136	Tracking Latent Domain Knowledge. , 2003, , 191-223.		0
137	Information Visualization Versus the Semantic Web. , 2003, , 15-35.		2
138	The Growth of Scientific Knowledge. , 2003, , 1-38.		3
139	Mapping the Universe. , 2003, , 39-65.		Ο
140	Enabling Techniques for Science Mapping. , 2003, , 101-133.		0
141	Information Visualization is Growing. Information Visualization, 2002, 1, 159-164.	1.9	1
142	Visual interfaces to digital libraries. , 2002, , .		15
143	Information Visualization. Information Visualization, 2002, 1, 1-4.	1.9	15
144	Aesthetics Versus Functionality. Information Visualization, 2002, 1, 93-94.	1.9	1

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145	Visual Interfaces to Digital Libraries: Motivation, Utilization, and Socio-technical Challenges. Lecture Notes in Computer Science, 2002, , 1-9.	1.3	14
146	Top Ten Problems in Visual Interfaces to Digital Libraries. Lecture Notes in Computer Science, 2002, , 226-231.	1.3	5
147	Visualizing and tracking the growth of competing paradigms: Two case studies. Journal of the Association for Information Science and Technology, 2002, 53, 678-689.	2.6	69
148	Footprints of information foragers: behaviour semantics of visual exploration. International Journal of Human Computer Studies, 2002, 57, 139-163.	5.6	14
149	Information Visualization. Information Visualization, 2002, 1, 1-4.	1.9	5
150	Workshop report. ACM SIGIR Forum, 2002, 36, 90-92.	0.5	0
151	Visual interfaces to digital libraries. , 2002, , .		1
152	Visualizing latent domain knowledge. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2001, 31, 518-529.	2.9	33
153	<title>Visual-spatial exploration of thematic spaces: a comparative study of three visualization models</title> . , 2001, , .		5
154	Fitting the jigsaw of citation: Information visualization in domain analysis. Journal of the Association for Information Science and Technology, 2001, 52, 315-330.	2.6	47
155	Visualizing a knowledge domain's intellectual structure. Computer, 2001, 34, 65-71.	1.1	188
156	Workshop 1: visual interfaces to digital libraries - its past, present, and future. , 2001, , .		7
157	Visual interfaces to digital libraries. ACM SIGIR Forum, 2001, 35, 12-15.	0.5	3
158	Individual differences in virtual environments?Introduction and overview. Journal of the Association for Information Science and Technology, 2000, 51, 499-507.	1.0	101
159	Individual differences in a spatial-semantic virtual environment. Journal of the Association for Information Science and Technology, 2000, 51, 529-542.	1.0	53
160	Empirical evaluation of information visualizations: an introduction. International Journal of Human Computer Studies, 2000, 53, 631-635.	5.6	107
161	Empirical studies of information visualization: a meta-analysis. International Journal of Human Computer Studies, 2000, 53, 851-866.	5.6	108
162	Modeling the Dynamics of Using a Collaborative Hypertext. Journal of Intelligent Systems, 2000, 10, .	1.6	0

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163	Individual differences in virtual environments—Introduction and overview. , 2000, 51, 499.		6
164	Visualising Information: A Mosaic of Perspectives. Lecture Notes in Computer Science, 2000, , 120-126.	1.3	1
165	Introduction to the human factors and usability issues minitrack. , 1999, , .		Ο
166	Trailblazing the literature of hypertext. , 1999, , .		48
167	Visualising semantic spaces and author co-citation networks in digital libraries. Information Processing and Management, 1999, 35, 401-420.	8.6	226
168	Representing the semantics of virtual spaces. IEEE MultiMedia, 1999, 6, 54-63.	1.7	27
169	Spatial Layout and Graph Drawing Algorithms. , 1999, , 61-91.		0
170	Information Visualisation Systems and Applications. , 1999, , 93-138.		0
171	Virtual Environments. , 1999, , 175-211.		2
172	Individual Differences in Visual Navigation. , 1999, , 139-174.		0
173	Finding Salient Structures. , 1999, , 27-60.		0
174	Bridging the Gap: The Use of Pathfinder Networks in Visual Navigation. Journal of Visual Languages and Computing, 1998, 9, 267-286.	1.8	65
175	Human factors in virtual environments. Virtual Reality, 1998, 3, 223-225.	6.1	2
176	How did university departments interweave the Web: A study of connectivity and underlying factors. Interacting With Computers, 1998, 10, 353-373.	1.5	29
177	Generalised similarity analysis and pathfinder network scaling. Interacting With Computers, 1998, 10, 107-128.	1.5	78
178	From latent semantics to spatial hypertextan integrated approach. , 1998, , .		26
179	Structuring and visualising the WWW by generalised similarity analysis. , 1997, , .		64
180	Quality Management of Student-Student Evaluations. Journal of Educational Computing Research, 1997, 17, 199-215.	5.5	4

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181	Spatial ability and visual navigation: an empirical study. New Review of Hypermedia and Multimedia, 1997, 3, 67-89.	1.1	55
182	Tracking latent domain structures: An integration of pathfinder and Latent Semantic Analysis. Al and Society, 1997, 11, 48-62.	4.6	10
183	Writing with collaborative hypertext: Analysis and modeling. Journal of the Association for Information Science and Technology, 1997, 48, 1049-1066.	1.0	4
184	Interacting With Hypertext: A Meta-Analysis of Experimental Studies. Human-Computer Interaction, 1996, 11, 125-156.	4.4	227
185	Behavioural Patterns of Collaborative Writing with Hypertext — A State Transition Approach. , 1996, , 265-279.		1
186	Understanding Collaborative Authoring in Shared Workspaces. IFIP Advances in Information and Communication Technology, 1995, , 277-282.	0.7	3
187	An extended fisheye view browser for collaborative writing. International Journal of Human Computer Studies, 1994, 40, 859-878.	5.6	10
188	Towards a consolidated model for a collaborative courseware authoring system. Journal of Computer Assisted Learning, 1993, 9, 34-50.	5.1	4
189	Collaborative software reuse integrated into the work flow. Annual Review in Automatic Programming, 1992, 16, 79-83.	0.2	0
190	Augmenting user interfaces for digital libraries with virtual reality. , 0, , .		4
191	Integrating spatial, semantic, and social structures for knowledge management. , 0, , .		5
192	A semantic-centric approach to information visualization. , 0, , .		2
193	Using CBIR and pathfinder networks for image database visualisation. , 0, , .		2
194	Content-based image visualization. , 0, , .		7
195	Domain visualization for digital libraries. , 0, , .		6
196	Semantically modified diffusion limited aggregation for visualizing large-scale networks. , 0, , .		1
197	Visualizing evolving networks: minimum spanning trees versus pathfinder networks. , 0, , .		60

198 Detecting and mapping thematic changes in transient networks. , 0, , .

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199	Information Visualization Research: Citation and Co-Citation Highlights. , 0, , .		0
200	Understanding the Evolution of NSAID: A Knowledge Domain Visualization Approach to Evidence-Based Medicine. , 0, , .		1
201	Adapting the cognitive walkthrough method to assess the usability of a knowledge domain visualization. , 0, , .		6
202	Modelling Situated Actions in Collaborative Hypertext Databases. Journal of Computer-Mediated Communication, 0, 2, 0-0.	3.3	8
203	Human Factors in the Development of Trend Detection and Tracking Techniques. , 0, , .		0