Benjamin B Bederson

List of Publications by Year
in descending order

95 papers	6,726 citations	257450 24 h-index	289244 40 g-index
101 all docs	101 docs citations	101 times ranked	3215 citing authors

#	Article	IF	Citations
1	Incomplete Disclosure: Evidence of Signaling and Countersignaling. American Economic Journal: Microeconomics, 2018, 10, 41-66.	1.2	22
2	Keshif: Rapid and Expressive Tabular Data Exploration for Novices. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 2339-2352.	4.4	45
3	Towards Understanding Human Mistakes of Programming by Example. , 2017, , .		12
4	Cognitive Stages in Visual Data Exploration. , 2016, , .		9
5	AggreSet: Rich and Scalable Set Exploration using Visualizations of Element Aggregations. IEEE Transactions on Visualization and Computer Graphics, 2016, 22, 688-697.	4.4	15
6	FluTCHA. , 2015, , .		1
7	AskSheet. , 2014, , .		10
8	Visual analytics of MOOCs at maryland. , 2014, , .		9
9	Crowdsourced Monolingual Translation. ACM Transactions on Computer-Human Interaction, 2014, 21, 1-35.	5.7	5
10	CTArcade: Computational thinking with games in school age children. International Journal of Child-Computer Interaction, 2014, 2, 26-33.	3.5	75
11	Using targeted paraphrasing and monolingual crowdsourcing to improve translation. ACM Transactions on Intelligent Systems and Technology, 2013, 4, 1-21.	4.5	6
12	Sharing Stories â€œin the Wildâ€. ACM Transactions on Computer-Human Interaction, 2013, 20, 1-38.	5.7	52
13	Deploying monotrans widgets in the wild. , 2012, , .		7
14	MonoTrans2. , 2011, , .		26
15	Web workers unite! addressing challenges of online laborers. , 2011, , .		68
16	The promise of zoomable user interfaces. Behaviour and Information Technology, 2011, 30, 853-866.	4.0	32
17	Human computation. , 2011, , .		501
18	Losing Fewer Votes. Political Research Quarterly, 2010, 63, 129-142.	1.7	46

#	ARTICLE	IF	CITATIONS
19	Translation by iterative collaboration between monolingual users. , 2010, , .		15
20	Designing intergenerational mobile storytelling. , 2009, , .		35
21	Mobile technologies for the world's children. , 2009, , .		3
22	Electronic voting eliminates hanging chads but introduces new usability challenges. International Journal of Human Computer Studies, 2009, 67, 111-124.	5.6	22
23	A review of overview+detail, zooming, and focus+context interfaces. ACM Computing Surveys, 2009, 41, 1-31.	23.0	439
24	Designing the reading experience for scanned multi-lingual picture books on mobile phones. , 2009, , .		12
25	How People Read Books Online: Mining and Visualizing Web Logs for Use Information. Lecture Notes in Computer Science, 2009, , 364-369.	1.3	3
26	A Child's Mobile Digital Library. , 2009, , 125-146.		4
27	Locating text in scanned books. , 2009, , .		1
28	Enhancing In-Car Navigation Systems with Personal Experience. Transportation Research Record, 2008, 2064, 33-42.	1.9	0
29	Voters' Evaluations of Electronic Voting Systems. American Politics Research, 2008, 36, 580-611.	1.4	53
30	FEATUREExperiencing the International Children's Digital Library. Interactions, 2008, 15, 50-54.	1.0	42
31	One-handed touchscreen input for legacy applications. , 2008, , .		37
32	CHI policy issues around the world. , 2008, , .		1
33	Readability of scanned books in digital libraries. , 2008, , .		6
34	Capture, Annotate, Browse, Find, Share: Novel Interfaces for Personal Photo Management. International Journal of Human-Computer Interaction, 2007, 23, 315-337.	4.8	18
35	Children's interests and concerns when using the international children's digital library. , 2007, , .		18
36	NetLens: Iterative Exploration of Content-Actor Network Data. Information Visualization, 2007, 6, 18-31.	1.9	46

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37	EcoLens: Integration and interactive visualization of ecological datasets. Ecological Informatics, 2007, 2, 61-69.	5.2	4
38	Supporting elementary‑age children's searching and browsing: Design and evaluation using the international children's digital library. Journal of the Association for Information Science and Technology, 2007, 58, 1618-1630.	2.6	25
39	Semi-automatic photo annotation strategies using event based clustering and clothing based person recognition. Interacting With Computers, 2007, 19, 524-544.	1.5	40
40	TreePlus: Interactive Exploration of Networks with Enhanced Tree Layouts. IEEE Transactions on Visualization and Computer Graphics, 2006, 12, 1414-1426.	4.4	73
41	Shared family calendars. ACM Transactions on Computer-Human Interaction, 2006, 13, 313-346.	5.7	92
42	NetLens: Iterative Exploration of Content-Actor Network Data. , 2006, , .		18
43	The evolution of the international children's digital library searching and browsing interface. , 2006, , .		47
44	Workshop on SIGCHI public policy. , 2006, , .		6
45	Exploring content-actor paired network data using iterative query refinement with NetLens. , 2006, , .		1
46	Target size study for one-handed thumb use on small touchscreen devices. , 2006, , .		238
47	Early Appraisals of Electronic Voting. Social Science Computer Review, 2005, 23, 274-292.	4.2	24
48	Benefits of animated scrolling. , 2005, , .		24
49	Understanding research trends in conferences using paperLens. , 2005, , .		67
50	AppLens and launchTile. , 2005, , .		81
51	Differences in pointing task performance between preschool children and adults using mice. ACM Transactions on Computer-Human Interaction, 2004, 11, 357-386.	5.7	110
52	How users interact with biodiversity information using TaxonTree. , 2004, , .		14
53	Preschool children's use of mouse buttons. , 2004, , .		11
54	DateLens. ACM Transactions on Computer-Human Interaction, 2004, 11, 90-119.	5.7	129

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55	Pocket PhotoMesa. , 2004, , .		29
56	Visualizations for taxonomic and phylogenetic trees. Bioinformatics, 2004, 20, 2997-3004.	4.1	24
57	Building KidPad: an application for children's collaborative storytelling. Software - Practice and Experience, 2004, 34, 895-914.	3.6	20
58	SlideBar: Analysis of a linear input device. Behaviour and Information Technology, 2004, 23, 1-9.	4.0	13
59	Toolkit design for interactive structured graphics. IEEE Transactions on Software Engineering, 2004, 30, 535-546.	5.6	208
60	DateLens. Interactions, 2004, 11, 9-10.	1.0	0
61	Interfaces for staying in the flow. Ubiquity, 2004, 2004, 1-1.	0.2	41
62	The International Children's Digital Library: viewing digital books online. Interacting With Computers, 2003, 15, 151-167.	1.5	37
63	Technology probes. , 2003, , .		850
64	A fisheye calendar interface for PDAs. , 2003, , .		15
65	Voting. , 2003, , .		1
66	Electronic voting system usability issues. , 2003, , .		55
67	PhotoMesa: A Zoomable Image Browser Using Quantum Treemaps and Bubblemaps. , 2003, , 66-75.		9
68	Jazz: An Extensible Zoomable User Interface Graphics Toolkit in Java. , 2003, , 95-104.		3
69	Does Animation Help Users Build Mental Maps of Spatial Information?. , 2003, , 87-94.		25
70	The International Children's Digital Library: Description and analysis of first use. First Monday, 2003, 8, .	0.6	24
71	Graphical Multiscale Web Histories: A Study of PadPrints. , 2003, , 220-227.		1
72	Navigation Patterns and Usability of Zoomable User Interfaces with and without an Overviewâ€ƒâ€ƒThis work was funded in part by DARPA's Command Post of the Future project, contract number F336159711018, and ChevronTexaco.. , 2003, , 120-147.		1

#	Article	IF	Citations
73	Zoomable user interfaces as a medium for slide show presentations. , 2003, , 105-119.		0
74	Navigation patterns and usability of zoomable user interfaces with and without an overview. ACM Transactions on Computer-Human Interaction, 2002, 9, 362-389.	5.7	172
75	Zoomable User Interfaces as a Medium for Slide Show Presentations. Information Visualization, 2002, 1, 35-49.	1.9	36
76	Ordered and quantum treemaps. ACM Transactions on Graphics, 2002, 21, 833-854.	7.2	339
77	A Visual Search Tool for Early Elementary Science Students. Journal of Science Education and Technology, 2002, 11, 49-57.	3.9	38
78	PhotoMesa. , 2001, , .		201
79	Designing a digital library for young children. , 2001, , .		74
80	Fisheye menus. , 2000, , .		115
81	Jazz. , 2000, , .		188
82	Does zooming improve image browsing?. , 1999, , .		66
83	Single display groupware. , 1999, , .		262
84	PadPrints. , 1998, , .		17
85	Graphical multiscale Web histories. , 1998, , .		76
86	Information Visualization. , 1997, , 33-48.		14
87	<title>Zooming Web browser</title>. , 1996, , .		8
88	Pad++: A Zoomable Graphical Sketchpad For Exploring Alternate Interface Physics. Journal of Visual Languages and Computing, 1996, 7, 3-32.	1.8	232
89	Local tools. , 1996, , .		47
90	Space-scale diagrams. , 1995, , .		173

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91	A miniaturized space-variant active vision system: Cortex-I. Machine Vision and Applications, 1995, 8, 101-109.	2.7	17
92	Pad++. , 1994, , .		416
93	Space variant image processing. International Journal of Computer Vision, 1994, 13, 71-90.	15.6	105
94	A miniature pan-tilt actuator: the spherical pointing motor. IEEE Transactions on Automation Science and Engineering, 1994, 10, 298-308.	2.3	49
95	‹title›Calibration of the spherical pointing motor‹/title›. , 1992, , .		4