

# Richard D Ellis

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

889  
citations

759233

12  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

949  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Computer Interest in Older Adults: The Role of Age, Education, Computer Knowledge, and Computer Anxiety. <i>Human Factors</i> , 1999, 41, 345-355.	3.5	192
2	NASA TLX: Software for assessing subjective mental workload. <i>Behavior Research Methods</i> , 2009, 41, 113-117.	4.0	182
3	Increasing the Usability of Online Information for Older Users: A Case Study in Participatory Design. <i>International Journal of Human-Computer Interaction</i> , 2000, 12, 263-276.	4.8	133
4	A Review of Camera Viewpoint Automation in Robotic and Laparoscopic Surgery. <i>Robotics</i> , 2014, 3, 310-329.	3.5	56
5	Improved Telemanipulator Navigation During Display-Control Misalignments Using Augmented Reality Cues. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2010, 40, 29-39.	2.9	51
6	Robust kernel distance multivariate control chart using support vector principles. <i>International Journal of Production Research</i> , 2008, 46, 5075-5095.	7.5	45
7	Comparative Study of Two Techniques of Transit Performance Assessment: AHP and GAT. <i>Journal of Transportation Engineering</i> , 2002, 128, 499-508.	0.9	34
8	Towards an Autonomous Robot for Camera Control During Laparoscopic Surgery. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2013, 23, 1027-1030.	1.0	29
9	Ontology-based modeling and integration of morphological characteristics of assembly joints for network-based collaborative assembly design. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 2009, 23, 71-88.	1.1	22
10	The Utility of Display Space in Keeping Track of Rapidly Changing Information. <i>Human Factors</i> , 1999, 41, 257-281.	3.5	17
11	Optimal Allocation of Resources To Meet Transit Fleet Requirements. <i>Journal of Transportation Engineering</i> , 2002, 128, 509-518.	0.9	17
12	Participatory Design of an Internet-Based Information System for Aging Services Professionals. <i>Gerontologist</i> , The, 1998, 38, 743-748.	3.9	14
13	Performance implications of older workers in technological manufacturing environments: A task-analysis/human reliability perspective. <i>International Journal of Computer Integrated Manufacturing</i> , 1999, 12, 104-112.	4.6	11
14	Asset Management Framework for State Departments of Transportation to Meet Transit Fleet Requirements. <i>Transportation Research Record</i> , 2003, 1835, 74-83.	1.9	11
15	Mirage events & driver haptic steering alerts in a motion-base driving simulator: A method for selecting an optimal HMI. <i>Applied Ergonomics</i> , 2017, 65, 90-104.	3.1	11
16	Comparison of a supplemental wide field of view versus a single field of view with zoom on performance in minimally invasive surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2008, 22, 1445-1451.	2.4	10
17	Performance of basic manipulation and intracorporeal suturing tasks in a robotic surgical system: single- versus dual-monitor views. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2009, 23, 727-733.	2.4	9
18	Gero-Informatics and the Internet: Locating Gerontology Information on the World Wide Web (WWW). <i>Gerontologist</i> , The, 1996, 36, 100-105.	3.9	7

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19	Supplemental wide field-of-view monitor improves performance in surgical telerobotic movement time. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2006, 2, 364-369.	2.3	6
20	Contrast model for three-dimensional vehicles in natural lighting and search performance analysis. <i>Optical Engineering</i> , 2001, 40, 1858.	1.0	5
21	Computational Modeling of Foveal Target Detection. <i>Human Factors</i> , 2003, 45, 47-60.	3.5	5
22	Asset Management Strategy to Meet Long-Term Transit Fleet Needs of State Departments of Transportation. <i>Transportation Research Record</i> , 2004, 1887, 45-54.	1.9	5
23	Voice-Activated Lightweight Reacher to Assist with Upper Extremity Movement Limitations: A Case Study. <i>Assistive Technology</i> , 2015, 27, 112-120.	2.0	5
24	Hand position effects on precision and speed in telerobotic surgery. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2007, 3, 217-223.	2.3	4
25	Optimized port placement for <i>in vivo</i> biosensors. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2009, 5, 267-275.	2.3	3
26	An Analysis of Teleoperator Performance in Conditions of Display-Control Misalignments With and Without Movement Cues. <i>Journal of Cognitive Engineering and Decision Making</i> , 2011, 5, 139-155.	2.3	3
27	Web and aging: challenges and opportunities. <i>Universal Access in the Information Society</i> , 2005, 4, 1-2.	3.0	2
28	A use-case driven approach to systematic functional decomposition: a case of the biopsy procedure in breast cancer treatment. <i>International Journal of Services Operations and Informatics</i> , 2007, 2, 18.	0.3	0
29	Human performance in the task of port placement for biosensor use. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2010, 6, 150-159.	2.3	0