

Ian Spence

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5928513/publications.pdf>

Version: 2024-02-01

88
papers

3,849
citations

172207

29
h-index

128067

60
g-index

89
all docs

89
docs citations

89
times ranked

3007
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution, Ecology, and Zoonotic Transmission of Betacoronaviruses: A Review. <i>Frontiers in Veterinary Science</i> , 2021, 8, 644414.	0.9	10
2	QSAR ligand dataset for modelling mutagenicity, genotoxicity, and rodent carcinogenicity. <i>Data in Brief</i> , 2018, 17, 876-884.	0.5	5
3	Combining machine learning models of in vitro and in vivo bioassays improves rat carcinogenicity prediction. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 94, 8-15.	1.3	17
4	Depression and cardiac dysautonomia in eating disorders. <i>Eating and Weight Disorders</i> , 2018, 23, 369-374.	1.2	6
5	Playing Action Video Games Boosts Visual Attention. , 2018, , 93-104.		7
6	Destination, Seen Unclearly: Relevance of Head-Up Display Information to Driving Is Unrelated to Its Processing. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2017, 61, 1899-1903.	0.2	1
7	Who is buried in Playfair's grave?. <i>Significance</i> , 2017, 14, 20-23.	0.3	0
8	The Effects of Spatial Endogenous Pre-cueing across Eccentricities. <i>Frontiers in Psychology</i> , 2017, 8, 888.	1.1	6
9	Is There a Single Method for the Internet of Things?. <i>Queue</i> , 2017, 15, 25-51.	0.8	12
10	Is there a single method for the internet of things?. <i>Communications of the ACM</i> , 2017, 60, 46-53.	3.3	20
11	Industrial-scale agile. <i>Communications of the ACM</i> , 2016, 59, 63-71.	3.3	8
12	Use-case 2.0. <i>Communications of the ACM</i> , 2016, 59, 61-69.	3.3	27
13	The Commingled Division of Visual Attention. <i>PLoS ONE</i> , 2015, 10, e0130611.	1.1	9
14	Major-league SEMAT: Why Should an Executive Care?. <i>Queue</i> , 2014, 12, 20-28.	0.8	0
15	Major-league SEMAT. <i>Communications of the ACM</i> , 2014, 57, 44-50.	3.3	7
16	Upper Visual Field Advantage in Localizing a Target among Distractors. <i>I-Perception</i> , 2014, 5, 97-100.	0.8	18
17	Playing shooter and driving videogames improves top-down guidance in visual search. <i>Attention, Perception, and Psychophysics</i> , 2013, 75, 673-686.	0.7	96
18	Agile and SEMAT. <i>Communications of the ACM</i> , 2013, 56, 53-59.	3.3	18

#	ARTICLE	IF	CITATIONS
19	How Speech Modifies Visual Attention. <i>Applied Cognitive Psychology</i> , 2013, 27, 633-643.	0.9	5
20	A Mixture Distribution of Spatial Attention. <i>Experimental Psychology</i> , 2013, 60, 149-156.	0.3	5
21	The essence of software engineering. <i>Communications of the ACM</i> , 2012, 55, 42-49.	3.3	95
22	Re-founding software engineering – SEMAT at the age of three (keynote abstract). , 2012, , .		2
23	The Essence of Software Engineering: The SEMAT Kernel. <i>Queue</i> , 2012, 10, 40-51.	0.8	33
24	Acute Antioxidant Supplementation Improves Endurance Performance in Trained Athletes. <i>Research in Sports Medicine</i> , 2012, 20, 1-12.	0.7	26
25	Refounding software engineering: The Semat initiative (Invited presentation). , 2012, , .		2
26	Playing a First-person Shooter Video Game Induces Neuroplastic Change. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 1286-1293.	1.1	108
27	Attention and Visuospatial Working Memory Share the Same Processing Resources. <i>Frontiers in Psychology</i> , 2012, 3, 103.	1.1	29
28	Systematics of <i>Cuscuta chinensis</i> species complex (subgenus <i>Grammica</i> , <i>Convolvulaceae</i>): evidence for long-distance dispersal and one new species. <i>Organisms Diversity and Evolution</i> , 2011, 11, 373-386.	0.7	29
29	Video Games and Spatial Cognition. <i>Review of General Psychology</i> , 2010, 14, 92-104.	2.1	360
30	Visual guidance in the exploration of large databases. , 2010, , .		1
31	Left or right?. , 2010, , .		2
32	A serotonergic basis for hyperphagic eating changes in Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 2010, 288, 151-155.	0.3	38
33	Smart Group Interactions. <i>Lecture Notes in Computer Science</i> , 2010, , 88-102.	1.0	0
34	The technology profile inventory: Construction, validation, and application. <i>Computers in Human Behavior</i> , 2009, 25, 458-465.	5.1	6
35	Immunization with a synthetic robustoxin derivative lacking disulphide bridges protects against a potentially lethal challenge with funnel-web spider (<i>Atrax robustus</i>) venom. <i>Journal of Biosciences</i> , 2009, 34, 35-44.	0.5	6
36	Commemorating William Playfair's 250th birthday. <i>Computational Statistics</i> , 2009, 24, 551-566.	0.8	24

#	ARTICLE	IF	CITATIONS
37	Women match men when learning a spatial skill.. Journal of Experimental Psychology: Learning Memory and Cognition, 2009, 35, 1097-1103.	0.7	88
38	Attending to large dynamic displays. , 2008, , .		2
39	Short-term ECG recording for the identification of cardiac autonomic neuropathy in people with diabetes mellitus. AIP Conference Proceedings, 2007, , .	0.3	8
40	A Novel Methodology to Probe Endothelial Differential Gene Expression Profile Reveals Novel Genes. Endothelium: Journal of Endothelial Cell Research, 2007, 14, 303-314.	1.7	1
41	Playing an Action Video Game Reduces Gender Differences in Spatial Cognition. Psychological Science, 2007, 18, 850-855.	1.8	870
42	Implicit measures of lostness and success in web navigation. Interacting With Computers, 2007, 19, 357-369.	1.0	79
43	Effects of Cognitive Training on Individual Differences in Attention. Lecture Notes in Computer Science, 2007, , 279-287.	1.0	4
44	Enough of Processes - Lets do Practices.. Journal of Object Technology, 2007, 6, 41.	0.8	66
45	How Color Enhances Visual Memory for Natural Scenes. Psychological Science, 2006, 17, 1-6.	1.8	84
46	What Can Searching Behavior Tell Us About the Difficulty of Information Tasks? A Study of Web Navigation. Proceedings of the American Society for Information Science and Technology, 2006, 43, 1-22.	0.2	67
47	William Playfair and His Graphical Inventions: An Excerpt From the Introduction to the Republication of HisAtlasandStatistical Breviary. American Statistician, 2005, 59, 224-229.	0.9	0
48	No Humble Pie: The Origins and Usage of a Statistical Chart. Journal of Educational and Behavioral Statistics, 2005, 30, 353-368.	1.0	72
49	The Apparent and Effective Dimensionality of Representations of Objects. Human Factors, 2004, 46, 738-747.	2.1	17
50	Profiling information technology users: en route to dynamic personalization. Computers in Human Behavior, 2004, 20, 55-65.	5.1	39
51	Serotonin transporters are preserved in the neocortex of anxious Alzheimer's disease patients. NeuroReport, 2003, 14, 1297-1300.	0.6	2
52	Serotonin transporters are preserved in the neocortex of anxious Alzheimer's disease patients. NeuroReport, 2003, 14, 1297-1300.	0.6	19
53	Postmortem serotonergic correlates of cognitive decline in Alzheimer's disease. NeuroReport, 2002, 13, 1175-1178.	0.6	84
54	Target detection in scientific visualization.. Journal of Experimental Psychology: Applied, 2001, 7, 13-26.	0.9	6

#	ARTICLE	IF	CITATIONS
55	The discrimination of graphical elements. <i>Applied Cognitive Psychology</i> , 2001, 15, 413-431.	0.9	21
56	Target detection in scientific visualization. <i>Journal of Experimental Psychology: Applied</i> , 2001, 7, 13-26.	0.9	1
57	Using color to code quantity in spatial displays.. <i>Journal of Experimental Psychology: Applied</i> , 1999, 5, 393-412.	0.9	30
58	Judging proportion with graphs: the summation model. <i>Applied Cognitive Psychology</i> , 1998, 12, 173-190.	0.9	56
59	William Playfair: A Daring Worthless Fellow. <i>Chance</i> , 1997, 10, 31-34.	0.1	14
60	Chronic Cerebral Hypoperfusion Inhibits Calcium-Induced Long-term Potentiation in Rats. <i>Stroke</i> , 1997, 28, 1043-1048.	1.0	21
61	Graphs and Psychophysics. <i>Visual Communication Quarterly</i> , 1995, 2, 8-11.	0.2	1
62	Children's Perception of Proportion in Graphs. <i>Child Development</i> , 1994, 65, 1193-1213.	1.7	17
63	Children's Perception of Proportion in Graphs. <i>Child Development</i> , 1994, 65, 1193.	1.7	25
64	A Remarkable Scatterplot. <i>American Statistician</i> , 1993, 47, 12-19.	0.9	15
65	A Remarkable Scatterplot. <i>American Statistician</i> , 1993, 47, 12.	0.9	14
66	Judgments of Change and Proportion in Graphical Perception. <i>Human Factors</i> , 1992, 34, 313-334.	2.1	73
67	Protection of monkeys against the lethal effects of male funnel-web spider (<i>Atrax robustus</i>) venom by immunization with a toxoid. <i>Toxicon</i> , 1991, 29, 603-611.	0.8	4
68	Displaying proportions and percentages. <i>Applied Cognitive Psychology</i> , 1991, 5, 61-77.	0.9	134
69	Visual psychophysics of simple graphical elements.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1990, 16, 683-692.	0.7	139
70	Discriminating Strata in Scatterplots. <i>Journal of the American Statistical Association</i> , 1989, 84, 682-688.	1.8	71
71	The Perception of Statistical Graphs. <i>Sociological Methods and Research</i> , 1989, 18, 200-242.	4.3	74
72	Robust multidimensional scaling. <i>Psychometrika</i> , 1989, 54, 501-513.	1.2	36

#	ARTICLE	IF	CITATIONS
73	Effects of Lead Salts on the Uptake, Release, and Binding of γ -Aminobutyric Acid: The Importance of Buffer Composition. <i>Journal of Neurochemistry</i> , 1989, 52, 433-440.	2.1	12
74	Actions of robustoxin, a neurotoxic polypeptide from the venom of the male funnel-web spider (<i>Atrax tjedti</i>). <i>Toxicon</i> , 1989, 23, 1001-1010.	0.8	42
75	Monte Carlo Simulation Studies. <i>Applied Psychological Measurement</i> , 1983, 7, 405-425.	0.6	27
76	Dual scaling: An alternative approach to categorical data.. <i>Canadian Journal of Psychology</i> , 1983, 37, 313-317.	0.8	0
77	Class-Inclusion Reasoning: Patterns of Performance from Three to Eight Years. <i>Child Development</i> , 1982, 53, 780.	1.7	9
78	Searching for structure in counted data.. <i>Canadian Journal of Psychology</i> , 1982, 36, 117-120.	0.8	0
79	A Simple Approximation For Random Rankings Stress Values. <i>Multivariate Behavioral Research</i> , 1979, 14, 355-365.	1.8	31
80	Using distance information in the design of large multidimensional scaling experiments.. <i>Psychological Bulletin</i> , 1979, 86, 60-66.	5.5	22
81	Monte Carlo studies in nonmetric scaling. <i>Psychometrika</i> , 1978, 43, 115-117.	1.2	15
82	THE DETERMINATION OF THE UNDERLYING DIMENSIONALITY OF AN EMPIRICALLY OBTAINED MATRIX OF PROXIMITIES. <i>Multivariate Behavioral Research</i> , 1974, 9, 331-341.	1.8	63
83	On random rankings studies in nonmetric scaling. <i>Psychometrika</i> , 1974, 39, 267-268.	1.2	9
84	Single subject incomplete designs for nonmetric multidimensional scaling. <i>Psychometrika</i> , 1974, 39, 469-490.	1.2	86
85	A TABLE OF EXPECTED STRESS VALUES FOR RANDOM RANKINGS IN NONMETRIC MULTIDIMENSIONAL SCALING. <i>Multivariate Behavioral Research</i> , 1973, 8, 511-517.	1.8	148
86	A monte carlo evaluation of three nonmetric multidimensional scaling algorithms. <i>Psychometrika</i> , 1972, 37, 461-486.	1.2	57
87	An assessment of the Coulter counter model S. <i>Journal of Clinical Pathology</i> , 1970, 23, 68-76.	1.0	32
88	Discriminating Strata in Scatterplots. , 0, .		3