

# David Shinar

## List of Publications by Year in descending order

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113  
papers

6,072  
citations

50170

46  
h-index

74018

75  
g-index

115  
all docs

115  
docs citations

115  
times ranked

4162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Age, skill, and hazard perception in driving. <i>Accident Analysis and Prevention</i> , 2010, 42, 1240-1249.	3.0	298
2	Aggressive driving: an observational study of driver, vehicle, and situational variables. <i>Accident Analysis and Prevention</i> , 2004, 36, 429-437.	3.0	286
3	Aggressive driving: the contribution of the drivers and the situation. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 1998, 1, 137-160.	1.8	261
4	Screening for depression in stroke patients: the reliability and validity of the Center for Epidemiologic Studies Depression Scale.. <i>Stroke</i> , 1986, 17, 241-245.	1.0	218
5	Self-reports of safe driving behaviors in relationship to sex, age, education and income in the US adult driving population. <i>Accident Analysis and Prevention</i> , 2001, 33, 111-116.	3.0	187
6	Effects of practice, age, and task demands, on interference from a phone task while driving. <i>Accident Analysis and Prevention</i> , 2005, 37, 315-326.	3.0	186
7	Visual Requirements for Safety and Mobility of Older Drivers. <i>Human Factors</i> , 1991, 33, 507-519.	2.1	169
8	Minimum and Comfortable Driving Headways: Reality versus Perception. <i>Human Factors</i> , 2001, 43, 159-172.	2.1	159
9	Automated driving: Safety blind spots. <i>Safety Science</i> , 2018, 102, 68-78.	2.6	157
10	Effects of an In-Vehicle Collision Avoidance Warning System on Short- and Long-Term Driving Performance. <i>Human Factors</i> , 2002, 44, 335-342.	2.1	145
11	Interobserver Variability in the Assessment of Neurologic History and Examination in the Stroke Data Bank. <i>Archives of Neurology</i> , 1985, 42, 557-565.	4.9	142
12	Eye Movements of Younger and Older Drivers. <i>Human Factors</i> , 1999, 41, 15-25.	2.1	130
13	Eye Movements in Curve Negotiation. <i>Human Factors</i> , 1977, 19, 63-71.	2.1	125
14	Traffic sign symbol comprehension: a cross-cultural study. <i>Ergonomics</i> , 2003, 46, 1549-1565.	1.1	123
15	Effect of shoulder width, guardrail and roadway geometry on driver perception and behavior. <i>Accident Analysis and Prevention</i> , 2011, 43, 2142-2152.	3.0	123
16	Effects of uncertainty, transmission type, driver age and gender on brake reaction and movement time. <i>Journal of Safety Research</i> , 2002, 33, 117-128.	1.7	118
17	The effect of alcohol, THC and their combination on perceived effects, willingness to drive and performance of driving and non-driving tasks. <i>Accident Analysis and Prevention</i> , 2010, 42, 1855-1865.	3.0	111
18	Alertness maintaining tasks (AMTs) while driving. <i>Accident Analysis and Prevention</i> , 2008, 40, 851-860.	3.0	109

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19	Situational (state) anger and driving. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2012, 15, 575-580.	1.8	108
20	Ergonomic Guidelines for Traffic Sign Design Increase Sign Comprehension. <i>Human Factors</i> , 2006, 48, 182-195.	2.1	106
21	Effects of THC on driving performance, physiological state and subjective feelings relative to alcohol. <i>Accident Analysis and Prevention</i> , 2008, 40, 926-934.	3.0	105
22	Multiple Factors that Determine Performance with Tables and Graphs. <i>Human Factors</i> , 1997, 39, 268-286.	2.1	100
23	Comprehension of traffic signs with symbolic versus text displays. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2013, 18, 72-82.	1.8	93
24	Imperfect In-Vehicle Collision Avoidance Warning Systems Can Aid Drivers. <i>Human Factors</i> , 2004, 46, 357-366.	2.1	84
25	Pedestrians' behaviour in cross walks: The effects of fear of falling and age. <i>Accident Analysis and Prevention</i> , 2012, 44, 30-34.	3.0	82
26	The validity of police reported accident data. <i>Accident Analysis and Prevention</i> , 1983, 15, 175-191.	3.0	76
27	The tendency of drivers to pass other vehicles. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2005, 8, 429-439.	1.8	75
28	In-vehicle information systems to improve traffic safety in road tunnels. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2008, 11, 61-74.	1.8	74
29	New Alternative Methods of Analyzing Human Behavior in Cued Target Acquisition. <i>Human Factors</i> , 2003, 45, 281-295.	2.1	69
30	Nurses' reactions to alarms in a neonatal intensive care unit. <i>Cognition, Technology and Work</i> , 2004, 6, 239-246.	1.7	69
31	How Automatic Is Manual Gear Shifting?. <i>Human Factors</i> , 1998, 40, 647-654.	2.1	68
32	Imperfect in-vehicle collision avoidance warning systems can aid distracted drivers. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2007, 10, 345-357.	1.8	66
33	Actual versus estimated night-time pedestrian visibility. <i>Ergonomics</i> , 1984, 27, 863-871.	1.1	65
34	Interobserver Agreement in the Diagnosis of Stroke Type. <i>Archives of Neurology</i> , 1986, 43, 893-898.	4.9	64
35	Looks Are (Almost) Everything: Where Drivers Look to Get Information. <i>Human Factors</i> , 2008, 50, 380-384.	2.1	63
36	The effects of changes in driver perception on rural curve negotiation—. <i>Ergonomics</i> , 1980, 23, 263-275.	1.1	62

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37	The effects of an interactive cognitive task (ICT) in suppressing fatigue symptoms in driving. Transportation Research Part F: Traffic Psychology and Behaviour, 2009, 12, 21-28.	1.8	62
38	The visual and driving performance of monocular and binocular heavy-duty truck drivers. Accident Analysis and Prevention, 1991, 23, 225-237.	3.0	58
39	Sign Registration in Daytime and Nighttime Driving. Human Factors, 1983, 25, 117-122.	2.1	55
40	The Effects of Expectancy, Clothing Reflectance, and Detection Criterion on Nighttime Pedestrian Visibility. Human Factors, 1985, 27, 327-333.	2.1	55
41	Under-reporting bicycle accidents to police in the COST TU1101 international survey: Cross-country comparisons and associated factors. Accident Analysis and Prevention, 2018, 110, 177-186.	3.0	55
42	To call or not to callâ€”That is the question (while driving). Accident Analysis and Prevention, 2013, 56, 59-70.	3.0	54
43	Demographic and socioeconomic correlates of safety belt use. Accident Analysis and Prevention, 1993, 25, 745-755.	3.0	53
44	Interobserver Reliability in the Interpretation of Computed Tomographic Scans of Stroke Patients. Archives of Neurology, 1987, 44, 149-155.	4.9	52
45	Usage and perceived effectiveness of fatigue countermeasures for professional and nonprofessional drivers. Accident Analysis and Prevention, 2011, 43, 797-803.	3.0	51
46	Headway Feedback Improves Intervehicular Distance: A Field Study. Human Factors, 2002, 44, 474-481.	2.1	48
47	Evaluating the efficiency of local municipalities in providing traffic safety using the Data Envelopment Analysis. Accident Analysis and Prevention, 2015, 78, 39-50.	3.0	48
48	Can traffic violations be traced to gender-role, sensation seeking, demographics and driving exposure?. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 43, 387-395.	1.8	47
49	Field Dependence and Driver Visual Search Behavior. Human Factors, 1978, 20, 553-559.	2.1	44
50	Sign location, sign recognition, and driver expectancies. Transportation Research Part F: Traffic Psychology and Behaviour, 2008, 11, 459-465.	1.8	44
51	Safety and mobility of vulnerable road users: Pedestrians, bicyclists, and motorcyclists. Accident Analysis and Prevention, 2012, 44, 1-2.	3.0	44
52	The effect of context and driversâ€™ age on highway traffic signs comprehension. Transportation Research Part F: Traffic Psychology and Behaviour, 2015, 33, 117-127.	1.8	42
53	Attention and search conspicuity of motorcycles as a function of their visual context. Accident Analysis and Prevention, 2012, 44, 97-103.	3.0	41
54	The effects of roadway environment and fatigue on sign perception. Journal of Safety Research, 1982, 13, 25-32.	1.7	39

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55	Driver fatigue among military truck drivers. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2000, 3, 195-209.	1.8	38
56	Crash causes, countermeasures, and safety policy implications. <i>Accident Analysis and Prevention</i> , 2019, 125, 224-231.	3.0	35
57	Estimating Correlations from Scatterplots. <i>Human Factors</i> , 1992, 34, 335-349.	2.1	31
58	The Relation Between Driving Experience and Recognition of Road Signs Relative to Their Locations. <i>Human Factors</i> , 2008, 50, 173-182.	2.1	31
59	Evaluation of experience-based fatigue countermeasures. <i>Accident Analysis and Prevention</i> , 2009, 41, 969-975.	3.0	27
60	Control-Display Relationships on the Four-Burner Range: Population Stereotypes versus Standards. <i>Human Factors</i> , 1978, 20, 13-17.	2.1	26
61	The Effects of Enforcement and Public Information on Compliance. , 1985, , 385-419.		25
62	Crash Reduction with an Advance Brake Warning System: A Digital Simulation. <i>Human Factors</i> , 1997, 39, 296-302.	2.1	24
63	Brake Reaction Time to Center High-Mounted Stop Lamps on Vans and Trucks. <i>Human Factors</i> , 1992, 34, 205-213.	2.1	23
64	The Effectiveness of Stationary versus Moving Police Vehicles on Compliance with Speed Limit. <i>Human Factors</i> , 1986, 28, 365-371.	2.1	22
65	Duration estimates and users' preferences in human-computer interaction. <i>Ergonomics</i> , 1996, 39, 46-60.	1.1	22
66	Trends in safe driving behaviors and in relation to trends in health maintenance behaviors in the USA: 1985â€“1995. <i>Accident Analysis and Prevention</i> , 1999, 31, 497-503.	3.0	22
67	The relationship between drinking habits and safe driving behaviors. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 1999, 2, 15-26.	1.8	20
68	Drug identification performance on the basis of observable signs and symptoms. <i>Accident Analysis and Prevention</i> , 2005, 37, 843-851.	3.0	20
69	Driver response to different railroad crossing protection systems. <i>Ergonomics</i> , 1982, 25, 801-808.	1.1	19
70	Increasing motorcycles attention and search conspicuity by using Alternating-Blinking Lights System (ABLS). <i>Accident Analysis and Prevention</i> , 2013, 50, 801-810.	3.0	19
71	The traffic conflict technique: A subjective vs. objective approach. <i>Journal of Safety Research</i> , 1984, 15, 153-157.	1.7	18
72	SHORT NOTE: Field Evaluation of an Advance Brake Warning System. <i>Human Factors</i> , 1995, 37, 746-751.	2.1	18

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73	Enhancement of road delineation can reduce safety. <i>Journal of Safety Research</i> , 2014, 49, 61.e1-68.	1.7	18
74	Psychosocial factors associated with helmet use by adult cyclists. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2019, 65, 376-388.	1.8	16
75	Fleet Study Evaluation of an Advance Brake Warning System. <i>Human Factors</i> , 2000, 42, 482-489.	2.1	15
76	An analysis of alcohol breath tests results with portable and desktop breath testers as surrogates of blood alcohol levels. <i>Accident Analysis and Prevention</i> , 2011, 43, 2188-2194.	3.0	14
77	A context-sensitive model of driving behaviour and its implications for in-vehicle safety systems. <i>Cognition, Technology and Work</i> , 2012, 14, 261-281.	1.7	14
78	Effects of form rotation on the speed of classification: the development of shape constancy. <i>Perception &amp; Psychophysics</i> , 1973, 14, 149-154.	2.3	13
79	Synchronization of Traffic Signals as a Means of Reducing Red-Light Running. <i>Human Factors</i> , 2004, 46, 367-372.	2.1	12
80	Expert evaluation of traffic signs: conventional vs. alternative designs. <i>Ergonomics</i> , 2019, 62, 734-747.	1.1	11
81	Central processing uncertainty as a determinant of choice reaction time. <i>Memory and Cognition</i> , 1974, 2, 417-425.	0.9	10
82	Alternative Option Selection Methods in Menu-Driven Computer Programs. <i>Human Factors</i> , 1987, 29, 453-459.	2.1	10
83	Displaying a boundary in graphic and symbolic $\hat{=}$ wait $\hat{=}$ displays: Duration estimates and users $\hat{=}$ ™ preferences. <i>International Journal of Human-Computer Interaction</i> , 1995, 7, 273-290.	3.3	10
84	Drinking and driving of pub patrons in israel. <i>Accident Analysis and Prevention</i> , 1995, 27, 65-71.	3.0	9
85	Modeling drug detection and diagnosis with the $\hat{=}$ drug evaluation and classification program $\hat{=}$ ™. <i>Accident Analysis and Prevention</i> , 2005, 37, 852-861.	3.0	9
86	<i>Human Factors and Ergonomics</i> . , 2011, , 193-211.		9
87	Trackball modification based on ergonomic evaluation: a case study in the sociology of ergonomics in Israel. <i>International Journal of Industrial Ergonomics</i> , 2005, 35, 537-546.	1.5	8
88	On the locus of the speed/accuracy tradeoff. <i>Learning and Behavior</i> , 1972, 28, 326-328.	0.6	7
89	Radiology department, human factors and organizational perspectives: using action research to improve patient safety. <i>Israel Journal of Health Policy Research</i> , 2013, 2, 40.	1.4	7
90	Abiding by the law when it does not exist: The case of the helmet bicycle law. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2020, 72, 23-31.	1.8	7

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91	Age, Skill and Hazard Perception in Driving. , 2007, , .		7
92	Impact of court monitoring on the adjudication of Driving While Intoxicated (DWI). Accident Analysis and Prevention, 1992, 24, 167-179.	3.0	6
93	Alertness Maintaining Tasks While Driving. Proceedings of the Human Factors and Ergonomics Society, 2002, 46, 1839-1843.	0.2	6
94	Why women do not use the helmet when riding a bicycle. Proceedings of the Human Factors and Ergonomics Society, 2018, 62, 1594-1598.	0.2	5
95	Additivity of Cues in Perception of Verticality. Perceptual and Motor Skills, 1977, 44, 1327-1332.	0.6	4
96	Cognitive Workload % Crash Risk. Human Factors, 2015, 57, 1328-1330.	2.1	4
97	The Influence of Sign Variations on Drivers'™ Comprehension. Proceedings of the Human Factors and Ergonomics Society, 2018, 62, 1918-1922.	0.2	4
98	The assessment of hazard awareness skills among light rail drivers. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 67, 15-28.	1.8	4
99	Effects of set-inducing instructions on recall from dichotic inputs.. Journal of Experimental Psychology, 1973, 98, 239-245.	1.5	3
100	Young driver accidents: in search of solutions. Accident Analysis and Prevention, 1987, 19, 497-498.	3.0	3
101	Perceiving Correlations from Scatterplots. Proceedings of the Human Factors Society Annual Meeting, 1991, 35, 1537-1540.	0.1	3
102	Older people's driving habits, visual abilities, and subjective assessment of daily visual functioning. Work, 1998, 11, 339-348.	0.6	3
103	Sustainable Public Safety and the Case of Two Epidemics: COVID-19 and Traffic Crashes. Can We Extrapolate from One to the Other?. Sustainability, 2021, 13, 3136.	1.6	3
104	Contrast Sensitivity as a Predictor of Complex Target Detection. Proceedings of the Human Factors Society Annual Meeting, 1987, 31, 1194-1197.	0.1	2
105	Time Estimation of Computer "Wait" Message Displays. Proceedings of the Human Factors Society Annual Meeting, 1990, 34, 360-364.	0.1	2
106	Chi'08 alt.chi / do we bump into things more while speaking on a cell phone?. , 2008, , .		2
107	Editorial: Driver Behavior and Performance in an Age of Increasingly Instrumented Vehicles. Frontiers in Psychology, 2021, 12, 715239.	1.1	2
108	The Relative Effectiveness of Alternative Selection Strategies in Menu Driven Computer Programs. Proceedings of the Human Factors Society Annual Meeting, 1985, 29, 645-649.	0.1	1

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109	Inter-Observer Agreement Among Medical Professionals in Critical Care of Neonates and Children. Journal of Healthcare Engineering, 2010, 1, 357-366.	1.1	1
110	Highway Safety: Identifying and Coping with the Impaired Driver. Proceedings of the Human Factors Society Annual Meeting, 1990, 34, 1003-1004.	0.1	0
111	The Effects of Raised Lane Markers on the Accident Involvement of Older and Alcohol-Impaired Drivers. Proceedings of the Human Factors Society Annual Meeting, 1990, 34, 1010-1014.	0.1	0
112	The Perceptual Determinants of Workplace Hazards. Proceedings of the Human Factors Society Annual Meeting, 1991, 35, 1095-1099.	0.1	0
113	Behavior, Technology and Traffic Safety. , 2000, , 55-86.		0