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Situation Awareness, Mental Workload, and Trust in Automation: Viable, Empirically Supported Cognitive Engineering Constructs

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#	Paper IF	Citations
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428	Current Concepts and Trends in Human-Automation Interaction. <b>2009</b> , 53, 299-303	3
427	Human Butomation teams and adaptable control for future air traffic management. 2009, 39, 894-903	38
426	Predicting vigilance: a fresh look at an old problem. <b>2009</b> , 52, 791-808	114
425	The Impact of Load on Dynamic versus Static Situational Knowledge While Driving. <b>2009</b> , 53, 1338-1342	
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421	Managing Workload, Performance, and Situation Awareness in Aviation Systems. <b>2010</b> , 217-247	9
420	Stages and Levels of Automation: An Integrated Meta-analysis. <b>2010</b> , 54, 389-393	75
419	Motivation-Expectation Space as a Representative Structure for Decision Strategies. <b>2010</b> , 54, 334-338	
418	Epistemological Self-Confidence in Human Factors Research. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2010</b> , 4, 27-38	21
417	Single operator, multiple robots: An eye movement based theoretic model of operator situation awareness. <b>2010</b> ,	10
416	Complacency and bias in human use of automation: an attentional integration. <b>2010</b> , 52, 381-410	506
415	Situation awareness: some remaining questions. <b>2010</b> , 11, 131-135	27
414	Should Students Learn General Air Traffic Management Skills Before NextGen Tools?. <b>2011</b> , 55, 128-132	1

413	The relationship between Workload, Teamwork, Situation Awareness, and Performance in Teams: A microworld study. <b>2011</b> , 55, 851-855		6
412	Human centered design in the air traffic control system. <b>2011</b> , 22, 65-72		11
411	What is rational about killing a patient with an overdose?: enlightenment, continental philosophy and the role of the human subject in system failure. <b>2011</b> , 54, 679-83		13
410	Engineering Psychology and Cognitive Ergonomics. 2011,		1
409	There are no qualitative methods thor quantitative for that matter: the misleading rhetoric of the qualitative quantitative argument. <b>2011</b> , 12, 408-415		11
408	A meta-analysis of factors affecting trust in human-robot interaction. <b>2011</b> , 53, 517-27		748
407	Adaptive Aiding of Human-Robot Teaming: Effects of Imperfect Automation on Performance, Trust, and Workload. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2011</b> , 5, 209-231	2.5	97
406	A Model of Human-Robot Trust: Theoretical Model Development. <b>2011</b> , 55, 1432-1436		45
405	Coincidence Between the Scientific and Folk Uses of the Term Bituation(al) Awareness In Aviation Incident Reports. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2011</b> , 5, 378-400	2.5	3
404	Mechanisms for the acquisition of situation awareness in situated agents. <b>2012</b> , 13, 625-647		31
403	Multimodal behavior and interaction as indicators of cognitive load. <b>2012</b> , 2, 1-36		50
402	Some effects of increasing external constraint rules on design performance in a timetabling task. <b>2012</b> ,		1
401	Relationship between sense of agency and task performance in target search task. 2012,		
400	Augmenting the Technology Acceptance Model with Trust: Commercial Drivers Attitudes towards Monitoring and Feedback. <b>2012</b> , 56, 2286-2290		41
399	Pilot Performance in Trajectory-Based Operations Under Concepts of Operation That Vary Separation Responsibility Across Pilots, Air Traffic Controllers, and Automation. <b>2012</b> , 28, 107-118		17
398	Conceptualization and measurement of team workload: a critical need. <b>2012</b> , 54, 36-51		48
397	The Role of Mental Computations in Current and Future En Route Air Traffic Control. 2012, 56, 110-114		3
396	Design and Evaluation of a Differential Speedometer. <b>2012</b> , 56, 1629-1633		O

395	Situation awareness in emergency medicine. <b>2012</b> , 2, 172-180	4
394	Situation Awareness in the NextGen Air Traffic Management System. <b>2012</b> , 28, 140-151	22
393	The Influence of Automation Support on Performance, Workload, and Situation Awareness of Air Traffic Controllers. <b>2012</b> , 22, 120-143	11
392	Human Factors and HumanComputer Interaction Considerations in NextGen. 2012, 28, 75-76	
391	Mental Workload and Situation Awareness. <b>2012</b> , 243-273	48
390	Disruption of verbal-spatial serial memory by extraneous air-traffic speech. <b>2012</b> , 1, 73-79	8
389	Work-focused analysis and design. <b>2012</b> , 14, 71-81	14
388	Extending the Technology Acceptance Model to assess automation. <b>2012</b> , 14, 39-49	203
387	Toward overtrust-free advanced driver assistance systems. <b>2012</b> , 14, 51-60	26
386	On the epistemology and ethics of communicating a Cartesian consciousness. <b>2013</b> , 56, 96-99	17
385	Ergonomics and sustainability: towards an embrace of complexity and emergence. 2013, 56, 357-64	55
384	Using System-Wide Trust Theory to Reveal the Contagion Effects of Automation False Alarms and Misses on Compliance and Reliance in a Simulated Aviation Task. <b>2013</b> , 23, 245-266	31
383	Automatic and continuous user task analysis via eye activity. 2013,	11
382	Improving implicit communication in mixed human-robot teams with social force detection. 2013,	2
381	Human Interface and the Management of Information. Information and Interaction for Health, Safety, Mobility and Complex Environments. <b>2013</b> ,	2
380	The role of automation in reducing stress and negative affect while driving. 2013, 14, 53-68	17
379	Trust, Reliance, and Compliance. <b>2013</b> ,	18
378	Design and Evaluation of an Exploration Assistant for Human Deep Space Risk Mitigation. <b>2013</b> , 46, 373-380	O

## (2014-2013)

377	Effects of a Social Robot's Autonomy and Group Orientation on Human Decision-Making. <b>2013</b> , 2013, 1-13	17
376	Toward a framework for levels of robot autonomy in human-robot interaction. <b>2014</b> , 3, 74-99	203
375	. 2014,	4
374	Stages and levels of automation in support of space teleoperations. <b>2014</b> , 56, 1050-61	24
373	Design and Evaluation of a Safety Augmentation System for Aircraft. <b>2014</b> , 51, 12-22	8
372	Decisions-to-Data using Level 5 information fusion. <b>2014</b> ,	2
371	Potential Individual Differences Regarding Automation Effects in Automated Driving. 2014,	23
370	Assessing Human-Automation System Safety, Efficiency, and Performance: Developing a Metrics Framework. <b>2014</b> , 58, 1149-1153	
369	Trust metrics in information fusion. <b>2014</b> ,	1
368	Mapping brain activity during loss of situation awareness: an EEG investigation of a basis for top-down influence on perception. <b>2014</b> , 56, 1428-52	27
367	Effects of adaptive cruise control and highly automated driving on workload and situation awareness: A review of the empirical evidence. <b>2014</b> , 27, 196-217	380
366	Situation Awareness: Where Are We Now?. <b>2014</b> , 22, 31-31	
365	Measuring neurophysiological signals in aircraft pilots and car drivers for the assessment of mental workload, fatigue and drowsiness. <b>2014</b> , 44, 58-75	610
364	Why the Fitts list has persisted throughout the history of function allocation. <b>2014</b> , 16, 1-11	60
363	Human performance consequences of stages and levels of automation: an integrated meta-analysis. <b>2014</b> , 56, 476-88	256
362	Team workload: A multilevel perspective. <b>2014</b> , 4, 99-123	8
361	Cognitive Automation Strategies Improving Use-efficiency of Carrier and Content of Information. <b>2014</b> , 17, 67-70	7
360	A function-to-task process model for adaptive automation system design. <b>2014</b> , 72, 822-834	19

359	Controversy in human factors constructs and the explosive use of the NASA-TLX: a measurement perspective. <b>2014</b> , 16, 289-297	39
358	Representations and operations: parts of the problem and the solution. <b>2014</b> , 16, 307-310	2
357	There is safety in power, or power in safety. <b>2014</b> , 67, 44-49	24
356	Causal Reasoning: A Tool for Human Machine Cooperation. <b>2014</b> , 205-271	
355	Air Traffic Controller Trust in Automation in NextGen. <b>2015</b> , 3, 2482-2488	6
354	An autonomy viability assessment matrix for agent-based autonomous systems. <b>2015</b> ,	7
353	A Predictive Model of Driver Response in an Autonomous Environment. <b>2015</b> , 59, 1671-1675	
352	Mental workload prediction based on attentional resource allocation and information processing. <b>2015</b> , 26 Suppl 1, S871-9	4
351	Modelling workload in cognitive and concurrent tasks with time stress using an integrated cognitive architecture. <b>2015</b> , 5, 113	5
350	Situation awareness: some conditions of possibility. <b>2015</b> , 16, 53-68	8
349	Exploring Measures of Workload, Situation Awareness, and Task Performance in the Main Control Room. <b>2015</b> , 3, 1281-1288	9
348	Investigating the Importance of Trust on Adopting an Autonomous Vehicle. <b>2015</b> , 31, 692-702	391
347	Ontology for assessment studies of human-computer-interaction in surgery. <b>2015</b> , 63, 73-84	6
346	Exploring relationships of human-automation interaction consequences on pilots: uncovering subsystems. <b>2015</b> , 57, 397-406	5
345	Using Modeling and Simulation to Predict Operator Performance and Automation-Induced Complacency With Robotic Automation: A Case Study and Empirical Validation. <b>2015</b> , 57, 959-75	25
344	Beyond Ecological Interface Design: Lessons From Concerns and Misconceptions. <b>2015</b> , 45, 164-175	35
343	Situation awareness: operationally necessary and scientifically grounded. 2015, 17, 163-167	45
342	Situation Awareness Misconceptions and Misunderstandings. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2015</b> , 9, 4-32	242

## (2016-2015)

341	Effects of mental workloads on depression and interpersonal sensitivities of accounting professionals. <b>2015</b> , 18, 194-199	4
340	Complacency and Automation Bias in the Use of Imperfect Automation. <b>2015</b> , 57, 728-39	54
339	Human Factors and Ergonomics. <b>2015</b> , 297-305	9
338	The Confluence of Situation Awareness and Mental Workload for Adaptable Human Machine Systems. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2015</b> , 9, 95-97	29
337	SA Anno 1995: A Commitment to the 17th Century. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2015</b> , 9, 51-54	7
336	A Survey on Trust Modeling. <b>2015</b> , 48, 1-40	135
335	Micro- and macroergonomic changes in mental workload and medication safety following the implementation of new health IT. <b>2015</b> , 49, 131-143	6
334	The psychometrics of mental workload: multiple measures are sensitive but divergent. <b>2015</b> , 57, 125-43	147
333	System Characteristics and Contextual Constraints for Future Fighter Decision Support. <b>2016</b> , 7, 1-17	4
332	Into the Wild: Neuroergonomic Differentiation of Hand-Held and Augmented Reality Wearable Displays during Outdoor Navigation with Functional Near Infrared Spectroscopy. <b>2016</b> , 10, 216	74
331	From Trust in Automation to Decision Neuroscience: Applying Cognitive Neuroscience Methods to Understand and Improve Interaction Decisions Involved in Human Automation Interaction. <b>2016</b> , 10, 290	28
330	Challenges of Older Drivers Adoption of Advanced Driver Assistance Systems and Autonomous Vehicles. <b>2016</b> , 428-440	14
329	Human Aspects of IT for the Aged Population. Healthy and Active Aging. 2016,	1
328	Situations, identity, and the Semantic Web. <b>2016</b> ,	3
327	Methodologies to assess usability and safety of ADAS and automated vehicle. 2016, 49, 72-77	5
326	A Question of Trust. <b>2016</b> ,	15
325	Evaluating probe techniques and a situated theory of situation awareness. <b>2016</b> , 22, 436-454	7
324	Assessing the sharp end: reflections on pilot performance assessment in the light of Safety Differently. <b>2016</b> , 1-20	3

323	The Impact of Higher Levels of Automation on Performance and Situation Awareness: A Function of Information-Processing Ability and Working-Memory Capacity. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2016</b> , 10, 138-166	22
322	Explicit or implicit situation awareness? Measuring the situation awareness of train traffic controllers. <b>2016</b> , 43, 325-338	14
321	How Is Nonverbal Auditory Information Processed? Revisiting Existing Models and Proposing a Preliminary Model. <b>2016</b> , 60, 1529-1533	1
320	Registration errors in beacon-based navigation guidance systems: Influences on path efficiency and user reliance. <b>2016</b> , 96, 1-11	7
319	Almost human: Anthropomorphism increases trust resilience in cognitive agents. <b>2016</b> , 22, 331-49	144
318	Air traffic control: Ocular metrics reflect cognitive complexity. <b>2016</b> , 54, 120-130	25
317	To See or Not to See. <b>2016</b> ,	5
316	Supporting dynamic change detection: using the right tool for the task. <b>2016</b> , 1, 32	8
315	Cyber Situational Awareness Testing. <b>2016</b> , 209-233	11
314	The State-of-The-Art. <b>2016</b> , 13-32	1
313	Combatting Cybercrime and Cyberterrorism. 2016,	8
312	Robust Multimodal Cognitive Load Measurement. <b>2016</b> ,	57
311	Agile battle management efficiency for command, control, communications, computers and intelligence (C4I). <b>2016</b> ,	2
310	HumanEobot interaction review and challenges on task planning and programming. <b>2016</b> , 29, 916-931	213
309	Common EEG features for behavioral estimation in disparate, real-world tasks. <b>2016</b> , 114, 93-107	24
308	Eye gaze movement studies of control room operators: A novel approach to improve process safety. <b>2016</b> , 85, 43-57	29
307	Expertise Level, Control Strategies, and Robustness in Future Air Traffic Control Decision Aiding. <b>2016</b> , 46, 255-266	7
306	Does the domain of technology impact user trust? Investigating trust in automation across different consumer-oriented domains in young adults, military, and older adults. <b>2017</b> , 18, 199-220	20

### (2017-2017)

305	Using physiological signals to measure operators mental workload in shipping the engine room simulator study. <b>2017</b> , 16, 61-69	16
304	Intuitive Cognition and Models of Human-Automation Interaction. <b>2017</b> , 59, 101-115	22
303	The impact of walking while using a smartphone on pedestrians' awareness of roadside events. <b>2017</b> , 101, 87-96	51
302	User Trust Dynamics. <b>2017</b> ,	26
301	Computational design of mixed-initiative humanEobot teaming that considers human factors: situational awareness, workload, and workflow preferences. <b>2017</b> , 36, 597-617	59
300	Toward Measurement of Situation Awareness in Autonomous Vehicles. 2017,	18
299	Situation-based ontologies for a computational framework for identity focusing on crime scenes. <b>2017</b> ,	6
298	Effective Variety? for whom (or what)? A folk theory on interface complexity and situation awareness. <b>2017</b> ,	2
297	A Framework to Guide the Assessment of Human-Machine Systems. <b>2017</b> , 59, 172-188	19
296	A Little Anthropomorphism Goes a Long Way. <b>2017</b> , 59, 116-133	43
295	How Do We Handle Computer-Based Technology? What Is the Cost/Benefit Ratio of Technology for Workers?. <b>2017</b> , 373-387	1
294	Task Engagement and Attentional Resources. <b>2017</b> , 59, 44-61	15
293	Situational Awareness and Time to Takeover: Exploring an Alternative Method to Measure Engagement with High-Level Automation. <b>2017</b> , 61, 1452-1456	3
292	Driver Take Over[]A Preliminary Exploration of Driver Trust and Performance in Autonomous Vehicles. 2017, 61, 1969-1973	12
291	The out-of-the-loop Brain: A neuroergonomic approach of the human automation interaction. <b>2017</b> , 44, 303-315	10
290	What We Can Learn from Pilots for Handovers and (De)Skilling in Semi-Autonomous Driving. 2017,	12
289	Negative attitudes towards cyclists influence the acceptance of an in-vehicle cyclist detection system. <b>2017</b> , 49, 244-256	14
288	Building driver's trust in lane change assistance systems by adapting to driver's uncertainty states. <b>2017</b> ,	2

287	Graph theoretical analysis of EEG functional network during multi-workload flight simulation experiment in virtual reality environment. <b>2017</b> , 2017, 3957-3960	8
286	Collaboration and Decision-Making in Context. <b>2017</b> , 1-30	2
285	Computer-Supported Collaborative Decision-Making. 2017,	22
284	EEG-based cognitive load of processing events in 3D virtual worlds is lower than processing events in 2D displays. <b>2017</b> , 122, 75-84	38
283	Implementing Lumberjacks and Black Swans Into Model-Based Tools to Support Human-Automation Interaction. <b>2017</b> , 59, 189-203	29
282	The Unknown Paradox of Stop the Crash Systems: Are We Really Improving Driver Safety?. <b>2017</b> , 525-533	1
281	Development and Preliminary Evaluation of Reliability Displays for Automated Lane Keeping. 2017,	14
280	Developing Decision Aids to Enable Human Spaceflight Autonomy. <b>2017</b> , 37, 46-54	2
279	Labour-intensive line-cell reconfiguration with cycle time adjustment attributed to changes in situational awareness. <b>2017</b> , 27, 210	1
278	Impact of Workload and Job Complexity on Employee Job Performance with the Moderating Role of Social Support and Mediating Role of Job Stress: A Study of Travel agencies in Rawalpindi, Islamabad and AJK. <b>2017</b> , 06,	1
277	. <b>2018</b> , 48, 95-101	55
276	The role of system description for conditionally automated vehicles. <b>2018</b> , 54, 159-170	15
275	The influence of stress responses on surgical performance and outcomes: Literature review and the development of the surgical stress effects (SSE) framework. <b>2018</b> , 216, 573-584	33
274	Agency modulates interactions with automation technologies. <b>2018</b> , 61, 1282-1297	5
273	The influence of task load on situation awareness and control strategy in the ATC tower environment. <b>2018</b> , 20, 205-217	17
272	Simulation-based evaluation of an in-vehicle smart situation awareness enhancement system. <b>2018</b> , 61, 947-965	14
271	Physiological Measures for Human Performance Analysis in Human-Robot Teamwork: Case of Tele-Exploration. <b>2018</b> , 6, 3694-3705	6
270	Human Factors Applied to Perioperative Process Improvement. <b>2018</b> , 36, 17-29	4

#### (2018-2018)

269	Measuring mental workload and physiological reactions in marine pilots: Building bridges towards redlines of performance. <b>2018</b> , 69, 74-92		38
268	The Low-Event Task Subjective Situation Awareness (LETSSA) technique: Development and evaluation of a new subjective measure of situation awareness. <b>2018</b> , 68, 273-282		12
267	Take-over requests in highly automated driving: A crowdsourcing survey on auditory, vibrotactile, and visual displays. <b>2018</b> , 56, 82-98		52
266	Modeling of multiple sources of workload and time pressure effect with ACT-R. <b>2018</b> , 63, 37-48		8
265	Issues in Human Automation Interaction Modeling: Presumptive Aspects of Frameworks of Types and Levels of Automation. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2018</b> , 12, 7-24	2.5	60
264	Assessment selection in human-automation interaction studies: The Failure-GAME and review of assessment methods for highly automated driving. <b>2018</b> , 66, 182-192		2
263	Evaluation of wearable immersive augmented reality technology in safety-critical systems. <b>2018</b> , 103, 23-32		16
262	A conceptual framework of autonomous and automated agents. <b>2018</b> , 19, 406-430		16
261	Reduced mental load in learning a motor visual task with virtual 3D method. <b>2018</b> , 34, 84-93		11
260	Design Guidelines for Reliability Communication in Autonomous Vehicles. 2018,		7
260 259	Design Guidelines for Reliability Communication in Autonomous Vehicles. 2018, . 2018,		7 3
259	. 2018,	2.5	3
259 258	. 2018,  A Deeper Look at the NASA TLX and Where It Falls Short. 2018, 62, 44-48  The Role of Trust and Automation in an Intelligence Analyst Decisional Guidance Paradigm. <i>Journal</i>	2.5	3
259 258 257	. 2018,  A Deeper Look at the NASA TLX and Where It Falls Short. 2018, 62, 44-48  The Role of Trust and Automation in an Intelligence Analyst Decisional Guidance Paradigm. <i>Journal of Cognitive Engineering and Decision Making</i> , 2018, 12, 239-247  Conceptualizing Embodied Automation to Increase Transfer of Tacit knowledge in the Learning	2.5	3 10 4
259 258 257 256	. 2018,  A Deeper Look at the NASA TLX and Where It Falls Short. 2018, 62, 44-48  The Role of Trust and Automation in an Intelligence Analyst Decisional Guidance Paradigm. <i>Journal of Cognitive Engineering and Decision Making</i> , 2018, 12, 239-247  Conceptualizing Embodied Automation to Increase Transfer of Tacit knowledge in the Learning Factory. 2018,	2.5	3 10 4
259 258 257 256 255	. 2018,  A Deeper Look at the NASA TLX and Where It Falls Short. 2018, 62, 44-48  The Role of Trust and Automation in an Intelligence Analyst Decisional Guidance Paradigm. <i>Journal of Cognitive Engineering and Decision Making</i> , 2018, 12, 239-247  Conceptualizing Embodied Automation to Increase Transfer of Tacit knowledge in the Learning Factory. 2018,  Workload self-evaluation base on expert system for vocational teacher. 2018, 434, 012252	2.5	3 10 4

251	Single Pilot Operations in Domestic Commercial Aviation. <b>2018</b> , 60, 755-762	19
250	Comparison of Adaptive, Adaptable, and Hybrid Automation for Surveillance Task Completion in a Multi-Task Environment. <b>2018</b> , 62, 155-159	4
249	From reading to driving. <b>2018</b> ,	19
248	Assessing workload in neuropsychology: An illustration with the Tower of Hanoi test. <b>2018</b> , 40, 1022-1029	7
247	Using Situation Awareness and Workload to Predict Performance in Submarine Track Management: A Multilevel Approach. <b>2018</b> , 60, 978-991	8
246	Towards Obviating Human Errors in Real-time through Eye Tracking. <b>2018</b> , 1189-1194	2
245	Multitasking in the military: Cognitive consequences and potential solutions. 2018, 32, 429-439	10
244	A mathematical structure relating situation knowledge to performance. <b>2018</b> , 19, 498-512	2
243	Automation Expectation Mismatch: Incorrect Prediction Despite Eyes on Threat and Hands on Wheel. <b>2018</b> , 60, 1095-1116	79
242	. 2018,	8
242	. 2018,  The first impression counts IA combined driving simulator and test track study on the development of trust and acceptance of highly automated driving. 2019, 65, 522-535	56
	The first impression counts [A combined driving simulator and test track study on the	
241	The first impression counts IA combined driving simulator and test track study on the development of trust and acceptance of highly automated driving. <b>2019</b> , 65, 522-535  The impact of alerting designs on air traffic controller's eye movement patterns and situation	56
241	The first impression counts IA combined driving simulator and test track study on the development of trust and acceptance of highly automated driving. 2019, 65, 522-535  The impact of alerting designs on air traffic controller's eye movement patterns and situation awareness. 2019, 62, 305-318  Trust in an Autonomously Driven Simulator and Vehicle Performing Maneuvers at a T-Junction with	56 12
241 240 239	The first impression counts IA combined driving simulator and test track study on the development of trust and acceptance of highly automated driving. 2019, 65, 522-535  The impact of alerting designs on air traffic controller's eye movement patterns and situation awareness. 2019, 62, 305-318  Trust in an Autonomously Driven Simulator and Vehicle Performing Maneuvers at a T-Junction with and Without Other Vehicles. 2019, 363-375  A review of methodologies for integrating human factors and ergonomics in engineering design.	56 12 3
241 240 239 238	The first impression counts IA combined driving simulator and test track study on the development of trust and acceptance of highly automated driving. 2019, 65, 522-535  The impact of alerting designs on air traffic controller's eye movement patterns and situation awareness. 2019, 62, 305-318  Trust in an Autonomously Driven Simulator and Vehicle Performing Maneuvers at a T-Junction with and Without Other Vehicles. 2019, 363-375  A review of methodologies for integrating human factors and ergonomics in engineering design. 2019, 57, 4961-4976	56 12 3
<ul><li>241</li><li>240</li><li>239</li><li>238</li><li>237</li></ul>	The first impression counts IA combined driving simulator and test track study on the development of trust and acceptance of highly automated driving. 2019, 65, 522-535  The impact of alerting designs on air traffic controller's eye movement patterns and situation awareness. 2019, 62, 305-318  Trust in an Autonomously Driven Simulator and Vehicle Performing Maneuvers at a T-Junction with and Without Other Vehicles. 2019, 363-375  A review of methodologies for integrating human factors and ergonomics in engineering design. 2019, 57, 4961-4976  Out-of-the-loop crash prediction: the automation expectation mismatch (AEM) algorithm. 2019, 13, 1231-124  A Fuzzy-Based Risk Assessment Framework for Autonomous Underwater Vehicle Under-Ice	56 12 3 22

233	Exploring the Trust Influencing Mechanism of Robo-Advisor Service: A Mixed Method Approach. <b>2019</b> , 11, 4917	9
232	The Impact of Increasing Autonomy on Training Requirements in a UAV Supervisory Control Task.  Journal of Cognitive Engineering and Decision Making, <b>2019</b> , 13, 295-309	4
231	Hurting Others vs. Hurting Myself, a Dilemma for our Autonomous Vehicle. <b>2019</b> ,	1
230	How to improve workers well-being and company performance: a method to identify effective corrective actions. <b>2019</b> , 81, 162-167	10
229	Managing Human Errors: Augmented Reality systems as a tool in the quality journey. <b>2019</b> , 28, 24-30	10
228	Investigating end-user acceptance of autonomous electric buses to accelerate diffusion. <b>2019</b> , 74, 255-276	36
227	Understanding situational and mode awareness for safe human-robot collaboration: case studies on assembly applications. <b>2019</b> , 13, 1-9	13
226	Recent developments towards enhancing process safety: Inherent safety and cognitive engineering. <b>2019</b> , 128, 364-383	23
225	Look wholl talking now: Implications of AVII explanations on driverII trust, AV preference, anxiety and mental workload. <b>2019</b> , 104, 428-442	42
224	The main challenges of safety science. <b>2019</b> , 118, 119-125	34
224	The main challenges of safety science. <b>2019</b> , 118, 119-125  . <b>2019</b> , 49, 529-539	34
223	. <b>2019</b> , 49, 529-539	4
223	. <b>2019</b> , 49, 529-539  Design and evaluation of auditory-supported air gesture controls in vehicles. <b>2019</b> , 13, 55-70  Evaluating the Impact of Technology Assisted Hotspot Policing on Situational Awareness and	4
223	. 2019, 49, 529-539  Design and evaluation of auditory-supported air gesture controls in vehicles. 2019, 13, 55-70  Evaluating the Impact of Technology Assisted Hotspot Policing on Situational Awareness and Task-Load. 2019, 3, 1-18  Beyond mere take-over requests: The effects of monitoring requests on driver attention, take-over	4 6 1
223 222 221 220	. 2019, 49, 529-539  Design and evaluation of auditory-supported air gesture controls in vehicles. 2019, 13, 55-70  Evaluating the Impact of Technology Assisted Hotspot Policing on Situational Awareness and Task-Load. 2019, 3, 1-18  Beyond mere take-over requests: The effects of monitoring requests on driver attention, take-over performance, and acceptance. 2019, 63, 22-37  In Automatic We Trust: Investigating the Impact of Trust, Control, Personality Characteristics, and	4 6 1 22
223 222 221 220 219	. 2019, 49, 529-539  Design and evaluation of auditory-supported air gesture controls in vehicles. 2019, 13, 55-70  Evaluating the Impact of Technology Assisted Hotspot Policing on Situational Awareness and Task-Load. 2019, 3, 1-18  Beyond mere take-over requests: The effects of monitoring requests on driver attention, take-over performance, and acceptance. 2019, 63, 22-37  In Automatic We Trust: Investigating the Impact of Trust, Control, Personality Characteristics, and Extrinsic and Intrinsic Motivations on the Acceptance of Autonomous Vehicles. 2019, 35, 1769-1780	4 6 1 22 50

The Evaluation of a Playbook Interface for Human-Autonomy Teaming in Single Pilot Operations. **2019**,

214	Urban air mobility and manned eVTOLs: safety implications. <b>2019</b> ,	1
214	orbanian modiney and manned evilous, surecy implications, 2015,	4
213	Neural Correlates of Trust During an Automated System Monitoring Task: Preliminary Results of an Effective Connectivity Study. <b>2019</b> , 63, 83-87	4
212	Do People Mentally Represent Automated Tasks? Evidence from Task-Switching Costs Following Takeovers. <b>2019</b> , 63, 1227-1231	1
211	Positive bias in the Trust in Automated Systems Survey An examination of the Jian et al. (2000) scale. <b>2019</b> , 63, 217-221	10
210	Cognitive Workload and Workload Transitions Elicit Curvilinear Hemodynamics During Spatial Working Memory. <b>2019</b> , 13, 405	6
209	Mental Effort and Information-Processing Costs Are Inversely Related to Global Brain Free Energy During Visual Categorization. <b>2019</b> , 13, 1292	3
208	Human Work Interaction Design. Designing Engaging Automation. 2019,	8
207	EEG-Based Mental Workload Assessment During Real Driving: A Taxonomic Tool for Neuroergonomics in Highly Automated Environments. <b>2019</b> , 121-126	7
206	Situation awareness based on eye movements in relation to the task environment. <b>2019</b> , 21, 99-111	34
205	Use of Highways in the Sky and a virtual pad for landing Head Up Display symbology to enable improved helicopter pilots situation awareness and workload in degraded visual conditions. <b>2019</b> , 62, 255-267	9
204	Adjustable autonomy: a systematic literature review. <b>2019</b> , 51, 149-186	32
203	Model of Driving Skills Decrease in the Context of Autonomous Vehicles. <b>2020</b> , 179-189	
202	Towards a Coherent Assessment of Situational Awareness to Support System Design in the Maritime Context. <b>2020</b> , 409-420	
201	Advances in Human Factors and Simulation. 2020,	1
200	The User and the Automated Driving: A State-of-the-Art. <b>2020</b> , 190-201	5
199	Investigating the relationship between mental state (workload and affect) and physiology in a control room setting (ship bridge simulator). <b>2020</b> , 22, 95-108	10
198	What do subjective workload scales really measure? Operational and representational solutions to divergence of workload measures. <b>2020</b> , 21, 369-396	33

197	Sleep and take-over in automated driving. <b>2020</b> , 9, 42-51	12
196	Resting Cardiac Vagal Tone is Associated with Long-Term Frustration Level of Mental Workload: Ultra-short Term Recording Reliability. <b>2020</b> , 45, 1-9	7
195	A taxonomy of interactions in socio-technical systems: A functional perspective. <b>2020</b> , 82, 102980	10
194	A Cyber-Physical-Human System for One-to-Many UAS Operations: Cognitive Load Analysis. <b>2020</b> , 20,	4
193	Mental workload measurement, the case of stock market traders. <b>2020</b> , 1-25	1
192	HCI International 2020 Late Breaking Papers: Virtual and Augmented Reality. <b>2020</b> ,	1
191	The importance of domain-dependent cognitive factors in GA safety: Predicting critical incidents with prospective memory, situation awareness, and pilot attributes. <b>2020</b> , 130, 104892	1
190	Hurting Others versus Hurting Myself, a Dilemma for Our Autonomous Vehicle. <b>2020</b> , 7, 1-30	3
189	Driver Take-Over Reaction in Autonomous Vehicles with Rotatable Seats. <b>2020</b> , 6, 34	2
188	Trust in Autonomous Cars: Exploring the Role of Shared Moral Values, Reasoning, and Emotion in Safety-Critical Decisions. <b>2021</b> , 63, 1465-1484	3
187	Dynamic assessment of control room operator's cognitive workload using Electroencephalography (EEG). <b>2020</b> , 141, 106726	14
186	Let's Work Together: A Meta-Analysis on Robot Design Features That Enable Successful Human-Robot Interaction at Work. <b>2020</b> , 18720820966433	8
185	Effects of Non-Driving Related Tasks During Self-Driving Mode. <b>2020</b> , 1-9	1
184	Do engineer perceptions about automated vehicles match user trust? Consequences for design. <b>2020</b> , 8, 100251	O
183	Impact of Trust and Privacy Concerns on Technology Acceptance in Healthcare: An Indian Perspective. <b>2020</b> , 141, 104164	49
182	Is Physiobehavioral Monitoring Nonintrusive? An Examination of Transcranial Doppler Sonography in a Vigilance Task. <b>2021</b> , 63, 1256-1270	2
181	Neuroergonomic Assessment of Wheelchair Control Using Mobile fNIRS. <b>2020</b> , 28, 1488-1496	3
180	Trust in the smart home: Findings from a nationally representative survey in the UK. <b>2020</b> , 15, e0231615	14

179	Robot Movement Uncertainty Determines Human Discomfort in Co-worker Scenarios. 2020,	1
178	Effects of personality traits on user trust in humanthachine collaborations. <b>2020</b> , 14, 387-400	5
177	An evaluation of low-level automation navigation functions upon vessel traffic services work practices. <b>2020</b> , 19, 313-335	3
176	Explainable, Transparent Autonomous Agents and Multi-Agent Systems. 2020,	1
175	An efficient screening technique for acceptable mental workload based on the NASA Task Load Indexdevelopment and application to control room validation. <b>2020</b> , 76, 102904	9
174	Human performance modeling and its uncertainty factors affecting decision making: a survery. <b>2020</b> , 24, 2851-2871	7
173	The Influence of Smartphone Text Input Method, Posture, and Environment on User Experience. <b>2020</b> , 36, 1110-1121	2
172	Passenger comfort and trust on first-time use of a shared autonomous shuttle vehicle. <b>2020</b> , 115, 102604	37
171	A framework for describing interaction between human operators and autonomous, automated, and manual control systems. <b>2021</b> , 23, 381-401	6
170	Early Alpha Reactivity is Associated with Long-Term Mental Fatigue Behavioral Impairments. <b>2021</b> , 46, 103-113	O
169	Measurement of team performance in air combat [have we been underperforming?. 2021, 22, 338-359	4
168	A low-cost predictive display for teleoperation: Investigating effects on human performance and workload. <b>2021</b> , 145, 102536	3
167	Eyes wide open: The role of situational information security awareness for security-related behaviour. <b>2021</b> , 31, 429-472	5
166	Task-induced fatigue when implementing high grades of railway automation. <b>2021</b> , 23, 273-283	5
165	Designing Trust in Highly Automated Virtual Assistants: A Taxonomy of Levels of Autonomy. <b>2021</b> , 199-211	1
164	Collaborative Human-AI Sensemaking for Intelligence Analysis. <b>2021</b> , 185-201	2
163	The Design Challenges of Drone Swarm Control. <b>2021</b> , 408-426	1
162	Human Factors in Transportation. <b>2021</b> , 331-345	

161	Sensor Selection for Dynamics-Driven User-Interface Design. 2021, 1-14	О
160	Electroencephalographic Signals and Pilot Situation Awareness During Simulated Flight: A Case for Enhanced Digital Technology in General Aviation. <b>2021</b> , 101-115	
159	Effects of non-driving related tasks on mental workload and take-over times during conditional automated driving. <b>2021</b> , 13,	4
158	Mastering Automation: New Airline Pilots[Perspective. <b>2021</b> , 37, 717-727	1
157	Evaluation of Playbook Delegation Approach in Human-Autonomy Teaming for Single Pilot Operations. <b>2021</b> , 37, 703-716	4
156	A review of augmented reality systems and their effects on mental workload and task performance. <b>2021</b> , 7, e06277	8
155	A review of human factors research performed from 2014 to 2017 in support of the Royal Canadian Air Force remotely piloted aircraft system project. <b>2021</b> , 9, 1-20	1
154	Impacts of Different Driving Automation Levels on Highway Geometric Design from the Perspective of Trucks. <b>2021</b> , 2021, 1-17	2
153	The Development of Overtrust: An Empirical Simulation and Psychological Analysis in the Context of Human-Robot Interaction. <b>2021</b> , 8, 554578	9
152	Can Robots Earn Our Trust the Same Way Humans Do? A Systematic Exploration of Competence, Warmth, and Anthropomorphism as Determinants of Trust Development in HRI. <b>2021</b> , 8, 640444	3
151	Trusting Automation: Designing for Responsivity and Resilience. <b>2021</b> , 187208211009995	24
150	Impact of workload on cognitive performance of control room operators. 1	2
149	Pupillary light reflex as a diagnostic aid from computational viewpoint: A systematic literature review. <b>2021</b> , 117, 103757	2
148	Enhancing Sustained Attention. 1	2
147	The validity of situation awareness for performance: a meta-analysis. 1-24	0
146	Online Multimodal Inference of Mental Workload for Cognitive Human Machine Systems. <b>2021</b> , 10, 81	O
145	Electroencephalography (EEG) based cognitive measures for evaluating the effectiveness of operator training. <b>2021</b> , 150, 51-67	8
144	Why Real Citizens Would Turn to Artificial Leaders. <b>2021</b> , 2, 1-24	Ο

143	Evaluating driver comprehension of the roadway environment to retain accountability of safety during driving automation. <b>2021</b> , 81, 457-471	1
142	INFORMATION PROCESSING. <b>2021</b> , 114-158	7
141	SITUATION AWARENESS. <b>2021</b> , 434-455	2
140	On the way to autonomous driving: How age influences the acceptance of driver assistance systems. <b>2021</b> , 81, 586-607	1
139	Neural Correlates of Trust in Automation: Considerations and Generalizability Between Technology Domains. <b>2021</b> , 2,	2
138	Towards Transparent Behavior of Automated Vehicles. 2021,	1
137	Will you listen to a robot? Effects of robot ability, task complexity, and risk on human decision-making. 1-11	0
136	A virtual reality cognitive health screening tool for aviation: Managing accident risk for older pilots. <b>2021</b> , 85, 103169	2
135	HMD-Based VR Tool for Traffic Psychological Examination: Conceptualization and Design Proposition. <b>2021</b> , 11, 8832	
134	Drivers trust, acceptance, and takeover behaviors in fully automated vehicles: Effects of automated driving styles and driver's driving styles. <b>2021</b> , 159, 106238	9
133	Users Preferences for Smart Home Automation Investigating Aspects of Privacy and Trust. <b>2021</b> , 64, 101689	8
132	Relationships Between Mental Workload, Burnout, and Job Performance. 2022, 877-897	
131	Applied quantitative models of trust in human-robot interaction. 2021, 449-476	
130	Human-Autonomy Teaming with Learning Capable Agents: Performance and Workload Outcomes. <b>2021</b> , 3-10	
129	A Literature Review on a Neuro-Psychological Approach to Immersive Technology Research. <b>2021</b> , 97-115	О
128	A Framework for Understanding Human Factors Issues in Border Control Automation. <b>2019</b> , 215-228	3
127	Assessment of Students©ognitive Conditions in Medical Simulation Training: A Review Study. <b>2020</b> , 224-233	1
126	The Research on Basic Visual Design of Head-Up Display of Automobile Based on Driving Cognition. <b>2019</b> , 412-420	1

### (2009-2020)

125	The Mental Machine: Classifying Mental Workload State from Unobtrusive Heart Rate-Measures Using Machine Learning. <b>2020</b> , 330-349	1
124	A Situation Awareness-Based Framework for Design and Evaluation of Explainable AI. <b>2020</b> , 94-110	6
123	A Design Methodology for Trust Cue Calibration in Cognitive Agents. <b>2014</b> , 251-262	38
122	A Trust-Based Situation Awareness Model. <b>2015</b> , 19-34	3
121	Effects of Uncertainty and Cognitive Load on User Trust in Predictive Decision Making. 2017, 23-39	7
120	Applying the "Team Player" Approach on Car Design. <b>2009</b> , 349-357	5
119	Future Ability Requirements for Human Operators in Aviation. <b>2009</b> , 537-546	8
118	Quantitative Modeling and Analysis of Reliance in Physical Human Machine Coordination. 2019, 11,	4
117	Understanding Undergraduate Students' Experiences of Telepresence Robots on Campus. <b>2019</b> ,	2
116	Comparing unimodal lane keeping cues for child cyclists. <b>2019</b> ,	5
115	"Was that successful?" On Integrating Proactive Meta-Dialogue in a DIY-Assistant using Multimodal Cues. <b>2020</b> ,	3
114	Chapter 3U.S. Aviation Regulatory System. <b>2016</b> , 47-68	1
113	Anllse do campo conceitual da engenharia de sistemas cognitivos e proposta de uma nova agenda de pesquisa. <b>2014</b> , 24, 405-419	1
112	Incorporating the Role(s) of Human Actors in Complex System Design for Safety and Security. <b>2021</b> , 24, 15-20	
111	Designing Robot Assistance to Optimize Operator Acceptance. <b>2022</b> , 131-153	O
110	Why Do You Trust Siri?: The Factors Affecting Trustworthiness of Intelligent Personal Assistant. <b>2021</b> , 58, 366-379	O
109	What affects drivers satisfaction with autonomous vehicles in different road scenarios?. <b>2021</b> , 100, 103048	O
108	Contributing Factors to Driver's Over-trust in a Driving Support System for Workload Reduction. <b>2009</b> , 45, 555-561	О

107	Limits of control in advanced technology and consequences for reassigning accountability. <b>2010</b> , 23-32	
106	A Formalism for Assessing the Situation Awareness of Pilots. <b>2011</b> , 572-581	
105	Front Matter. <b>2011</b> , i-363	
104	Workshop: Automotive HMI. 2012, 341-405	
103	The Effects of Early Training with Automation Tools on the Air Traffic Management Strategies of Student ATCos. <b>2013</b> , 13-21	2
102	Activeness Improves Cognitive Performance in Human-Machine Interaction. <b>2013</b> , 17, 425-432	2
101	Methods and Models. <b>2014</b> , 190-223	
100	Intelligent Fighter Pilot Support for Distributed Unmanned and Manned Decision Making. <b>2015</b> , 1-22	1
99	What about the Next Generation? Assessing ExpertsDudgments of Human Abilities Required for Working in a Future ATC Environment. <b>2016</b> , 331-352	
98	Interactive map interface for controlling bridge crane automation. 2016,	
97	Research Considerations and Tools for Evaluating Human-Automation Interaction with Future Unmanned Systems. <b>2017</b> , 157-178	0
96	Exploring the Influencing Factors of Human-Robot Trust from the Perspective of Interpersonal Trust. <b>2018</b> , 07, 556-561	
95	Cyber Officer Profiles and Performance Factors. <b>2018</b> , 181-190	2
94	A Review on Green Trust and Environmental Quality Awareness Affect Towards Environmental Attitude. <b>2018</b> , 37-49	
93	Estimating Human State from Simulated Assisted Driving with Stochastic Filtering Techniques. <b>2019</b> , 113-125	1
92	Development of a Situation Awareness Assessment Tool for Rail Signalers. <b>2019</b> , 917-928	
91	Effects of privacy risk perception and cultural bias on intention of connected autonomous vehicle use. <b>2018</b> ,	
90	A Review on Green Trust and Environmental Quality Awareness Affect Towards Environmental Attitude. <b>2019</b> , 1510-1522	

89	Improving the Interaction of Older Adults with a Socially Assistive Table Setting Robot. 2019, 568-577	3
88	The Effect of Education and Training on Mental Workload in Medical Education. <b>2019</b> , 258-266	4
87	A Study on Visual Workload Components: Effects of Component Combination and Scenario Complexity on Mental Workload in Maritime Operation Tasks. <b>2019</b> , 20-28	
86	Intelligent Fighter Pilot Support for Distributed Unmanned and Manned Decision Making. <b>2019</b> , 167-187	
85	A Cross-Sectional Study Using Wireless Electrocardiogram to Investigate Physical Workload of Wheelchair Control in Real World Environments. <b>2020</b> , 14-25	0
84	Relationships Between Mental Workload, Burnout, and Job Performance. <b>2020</b> , 49-68	3
83	Appropriately Representing Military Tasks for Human-Machine Teaming Research. <b>2020</b> , 245-265	1
82	People with Motor Disabilities Using Gaze to Control Telerobots. 2020,	4
81	Evaluating Safety of Mechanisms that Transit Control from Autonomous Systems to Human Drivers. <b>2020</b> ,	
80	Does One Bad Machine Spoil the Bunch?: A Review of Trust in Multiple-Component Systems. <b>2020</b> , 64, 1546-1550	2
79	Delegation or Collaboration: Understanding Different Construction Stakeholders Perceptions of Robotization. <b>2022</b> , 38,	2
78	Developing BIM Thinking: Fundamental Objectives and Characteristics of BIM to Think Critically About in BIM Research and Implementation. <b>2020</b> , 766-782	
77	The potential for automation to transform urban deliveries: Drivers, barriers and policy priorities. <b>2020</b> , 5, 291-314	1
76	Aufmerksamkeit: Im Fokus des Bewusstseins. <b>2020</b> , 145-165	
75	Virtual training for assembly tasks: a framework for the analysis of the cognitive impact on operators. <b>2021</b> , 55, 527-534	1
74	Measurement of Trust in Automation: A Narrative Review and Reference Guide. <b>2021</b> , 12, 604977	5
73	Investigating the validity of subjective workload rating (NASA TLX) and subjective situation awareness rating (SART) for cognitively complex humanthachine work. <b>2021</b> , 86, 103233	1
72	Human Performance Operating Picture for Shepherding a Swarm of Autonomous Vehicles. <b>2021</b> , 293-323	

71	Associations among workload dimensions, performance, and situational characteristics: a meta-analytic review of the Task Load Index. 1-13	O
70	Understanding the impact of control levels over emotion-aware chatbots. <b>2021</b> , 129, 107122	2
69	Assessing Attentive Monitoring Levels in Dynamic Environments Through Visual Neuro-Assisted Approach.	
68	Do Speed and Proximity Affect Human-Robot Collaboration with an Industrial Robot Arm?. 1	1
67	Assessing the potential impacts of connected vehicle systems on Driver situation awareness and driving performance. <b>2022</b> , 84, 177-193	1
66	Relationships between mental workload, job burnout, and organizational commitment. <b>2022</b> , 132, 01003	1
65	Telepresence Robots for People with Special Needs: A Systematic Review. 1-17	3
64	Levels of Automation for a Mobile Robot Teleoperated by a Caregiver. <b>2022</b> , 11, 1-21	O
63	Recognition of the Mental Workloads of Pilots in the Cockpit Using EEG Signals. 2022, 12, 2298	1
62	Better Together? An Evaluation of Al-Supported Code Translation. 2022,	O
62 61	Better Together? An Evaluation of Al-Supported Code Translation. 2022,  Assessing attentive monitoring levels in dynamic environments through visual neuro-assisted approach 2022, 8, e09067	O
	Assessing attentive monitoring levels in dynamic environments through visual neuro-assisted	0
61	Assessing attentive monitoring levels in dynamic environments through visual neuro-assisted approach 2022, 8, e09067  A multimodal analysis of college students' collaborative problem solving in virtual experimentation	
61 60	Assessing attentive monitoring levels in dynamic environments through visual neuro-assisted approach 2022, 8, e09067  A multimodal analysis of college students' collaborative problem solving in virtual experimentation activities: a perspective of cognitive load 2022, 1-24  Using fNIRS to Identify Transparency- and Reliability-Sensitive Markers of Trust Across Multiple	O
61 60 59	Assessing attentive monitoring levels in dynamic environments through visual neuro-assisted approach 2022, 8, e09067  A multimodal analysis of college students' collaborative problem solving in virtual experimentation activities: a perspective of cognitive load 2022, 1-24  Using fNIRS to Identify Transparency- and Reliability-Sensitive Markers of Trust Across Multiple Timescales in Collaborative Human-Human-Agent Triads. 2022, 3,  Impact of VR-Based Training on HumanRobot Interaction for Remote Operating Construction	0
61 60 59 58	Assessing attentive monitoring levels in dynamic environments through visual neuro-assisted approach 2022, 8, e09067  A multimodal analysis of college students' collaborative problem solving in virtual experimentation activities: a perspective of cognitive load 2022, 1-24  Using fNIRS to Identify Transparency- and Reliability-Sensitive Markers of Trust Across Multiple Timescales in Collaborative Human-Human-Agent Triads. 2022, 3,  Impact of VR-Based Training on HumanRobot Interaction for Remote Operating Construction Robots. 2022, 36,	0 0 2
61 60 59 58	Assessing attentive monitoring levels in dynamic environments through visual neuro-assisted approach 2022, 8, e09067  A multimodal analysis of college students' collaborative problem solving in virtual experimentation activities: a perspective of cognitive load 2022, 1-24  Using fNIRS to Identify Transparency- and Reliability-Sensitive Markers of Trust Across Multiple Timescales in Collaborative Human-Human-Agent Triads. 2022, 3,  Impact of VR-Based Training on HumanBobot Interaction for Remote Operating Construction Robots. 2022, 36,  Determinants of Laypersons' Trust in Medical Decision Aids: Randomized Controlled Trial 2022, 9, e35219  Physiological indicators of driver workload during car-following scenarios and takeovers in highly	O O 2

53	Assessment of Trust in Automation in the <b>R</b> eal World! Requirements for New Trust in Automation Measurement Techniques for Use by Practitioners. <i>Journal of Cognitive Engineering and Decision Making</i> , 155534342210962	2.5	1
52	Bidirectional Communications in Human-Agent Teaming: The Effects of Communication Style and Feedback. 1-14		O
51	Mental Workload in Neuropsychology: An Example With the NASA-TLX in Adults With HIV. 2022, 3,		
50	Determinants of LaypersonsITrust in Medical Decision Aids: Randomized Controlled Trial (Preprint).		
49	Toward Designing Trustworthy Autonomous Systems: Probing the Role of Humans Ethical Perspectives. <b>2022</b> ,		
48	Human factors in digitalized process operations. 2022,		O
47	Human Mental Workload: A Survey and a Novel Inclusive Definition. 2022, 13,		O
46	Editorial to the virtual Special Issue: Human-automation interaction in the workplace: A broadened scope of paradigms. <b>2022</b> , 134, 107335		
45	An Online Framework for Cognitive Load Assessment in Industrial Tasks. <b>2022</b> , 78, 102380		1
44	Emergence of power and complexity in obstetric teamwork. <b>2022</b> , 17, e0269711		O
43	Human-agent teaming and trust calibration: a theoretical framework, configurable testbed, empirical illustration, and implications for the development of adaptive systems. 1-25		1
42	New team mates in the warehouse: Human interactions with automated and robotized systems. 1-18		O
41	The Human-Automation Behavioral Interaction Task (HABIT) analysis framework.		
40	The Situation Awareness Framework for Explainable AI (SAFE-AI) and Human Factors Considerations for XAI Systems. 1-17		O
39	The Bew viewlbf human error. Origins, ambiguities, successes and critiques. 2022, 154, 105853		4
38	Designing and Evaluating a Fusion of Visible and Infrared Spectrum Video Streams for Remote Tower Operations. <b>2022</b> , 445-487		
37	The adoption of self-driving vehicles in Africa: insight from Ghana. <b>2022</b> , 10, 333-357		1
36	Assessing System-Wide Safety Readiness for Successful Human ${f R}$ obot Collaboration Adoption. <b>2022</b> , 8, 48		О

35	How People Perceive the Safety of Self-Driving Buses: A Quantitative Analysis Model of Perceived Safety. 036119812211044	O
34	Tackling Verification and Validation Techniques to Evaluate Cyber Situational Awareness Capabilities. <b>2022</b> , 10, 2617	
33	Exploring the Relationship Between Ethics and Trust in HumanArtificial Intelligence Teaming: A Mixed Methods Approach. 155534342211139	2
32	Experimental Research on Team Dynamic Function Allocation Strategy Optimization. 2023, 30-36	
31	Trustworthy UAV Relationships: Applying the Schema Action World Taxonomy to UAVs and UAV Swarm Operations. 1-17	
30	An EEG study of human trust in autonomous vehicles based on graphic theoretical analysis. 16,	
29	The impact of digital image configuration on submarine periscope operator workload, situation awareness, meta-awareness and performance. <b>2022</b> , 76, 13-25	0
28	Effect of automation failure type on trust development in driving automation systems. <b>2023</b> , 106, 103913	1
27	Prospects for Nuclear Microreactors: A Review of the Technology, Economics, and Regulatory Considerations. 1-20	0
26	"Baby, You can Ride my Bike". <b>2022</b> , 6, 1-21	1
26 25	"Baby, You can Ride my Bike". <b>2022</b> , <i>6</i> , 1-21  Navigators views of a collision avoidance decision support system for maritime navigation. 1-14	0
25	Navigators views of a collision avoidance decision support system for maritime navigation. 1-14	0
25 24	Navigators views of a collision avoidance decision support system for maritime navigation. 1-14  Machine Learning in Healthcare: Two Case Studies. 2022, 66, 774-778  Dummies, Learning Modeling Made Easy Improving Modeling Education in Human Factors	0
25 24 23	Navigators Views of a collision avoidance decision support system for maritime navigation. 1-14  Machine Learning in Healthcare: Two Case Studies. 2022, 66, 774-778  Dummies, Learning Modeling Made Easy Ellmproving Modeling Education in Human Factors Research. 2022, 66, 1586-1590  Measuring Cognitive Workload of Novice Law Enforcement Officers in a Naturalistic Driving Study.	0 0
25 24 23	Navigators   Weasuring Cognitive Workload of Novice Law Enforcement Officers in a Naturalistic Driving Study.  2022, 66, 1482-1486	0 0
25 24 23 22 21	Navigators (views of a collision avoidance decision support system for maritime navigation. 1-14  Machine Learning in Healthcare: Two Case Studies. 2022, 66, 774-778  Dummies, Learning Modeling Made Easy (Improving Modeling Education in Human Factors Research. 2022, 66, 1586-1590  Measuring Cognitive Workload of Novice Law Enforcement Officers in a Naturalistic Driving Study. 2022, 66, 1482-1486  Confirmative or Normative? Information Redundancy in Decision Support Systems. 2022, 66, 2042-2046  A Review of Human Performance Models for Prediction of Driver Behavior and Interactions With	0 0 0

#### CITATION REPORT

17	Modeling driversDacceptance of augmented reality head-up display in connected environment. <b>2022</b> , 75, 102307	1
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14	An introduction to air traffic control and the application of human factors. 2023, 449-475	O
13	Human factors of flight training and simulation. <b>2023</b> , 217-255	0
12	Trust is Not a Virtue: Why We Should Not Trust Trust. 106480462211301	O
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10	What factors may influence decision-making in the operation of Maritime autonomous surface ships? A systematic review. 1-36	O
9	The Influence of Visible Cables and Story Content on Perceived Autonomy in Social Human <b>R</b> obot Interaction. <b>2023</b> , 12, 3	0
8	Analysis of The Most Critical Phase of the Flight Based on HRV Measurements of Pilots Workload. <b>2022</b> ,	O
7	Exploring system wide trust prevalence and mitigation strategies with multiple autonomous agents. <b>2023</b> , 143, 107671	0
6	Decision control and explanations in human-AI collaboration: Improving user perceptions and compliance. <b>2023</b> , 144, 107714	O
5	Using pupillometry and gaze-based metrics for understanding drivers[mental workload during automated driving. <b>2023</b> , 94, 254-267	O
4	An integrated methodology for the assessment of stress and mental workload applied on virtual training. 1-19	O
3	Opinions from Users Across the Lifespan about Fully Autonomous and Rideshare Vehicles with Associated Features.	0
2	What Makes Passengers Uncomfortable In Vehicles Today? An Exploratory Study of Current Factors that May Influence Acceptance of Future Autonomous Vehicles.	O
1	Capturing the Dynamics of Trust and Team Processes in Human-Human-Agent Teams via Multidimensional Neural Recurrence Analyses. <b>2023</b> , 7, 1-23	0