

Serge Debernard

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

368
citations

933447

10
h-index

996975

15
g-index

23
all docs

23
docs citations

23
times ranked

232
citing authors

#	ARTICLE	IF	CITATIONS
1	Common work space for human-machine cooperation in air traffic control. Control Engineering Practice, 2002, 10, 571-576.	5.5	66
2	Automation-driver cooperative driving in presence of undetected obstacles. Control Engineering Practice, 2014, 24, 106-119.	5.5	61
3	Principles of adjustable autonomy: a framework for resilient human-machine cooperation. Cognition, Technology and Work, 2010, 12, 193-203.	3.0	48
4	Cooperative Steering Assist Control System. , 2013, , .		34
5	Human-machine cooperation: Toward an activity regulation assistance for different air traffic control levels. International Journal of Human-Computer Interaction, 1994, 6, 65-104.	4.8	31
6	Respective demands of task and function allocation on human-machine co-operation design: A psychological approach. Connection Science, 2002, 14, 283-295.	3.0	26
7	Integrating human factors in the design of intelligent systems: an example in air traffic control. International Journal of Intelligent Systems Technologies and Applications, 2009, 7, 205.	0.2	19
8	Model building for air-traffic controllers' workload regulation. European Journal of Operational Research, 2002, 136, 324-332.	5.7	16
9	Resilience of a human-robot system using adjustable autonomy and human-robot collaborative control. International Journal of Adaptive and Innovative Systems, 2009, 1, 13.	0.1	16
10	Principles of transparency for autonomous vehicles: first results of an experiment with an augmented reality human-machine interface. Cognition, Technology and Work, 2019, 21, 643-656.	3.0	15
11	Human-Machine Interaction in Automated Vehicle: The ABV Project. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 6344-6349.	0.4	14
12	TASK ALLOCATION IN AIR TRAFFIC CONTROL INVOLVING A COMMON WORKSPACE AND A COOPERATIVE SUPPORT SYSTEM. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 90-96.	0.4	3
13	AMANDA V3: Toward a Common Workspace between Air Traffic Controllers. , 2008, , .		3
14	Common Work Space or How to Support Cooperative Activities Between Human Operators and Machine: Application to Air Traffic Control. Lecture Notes in Computer Science, 2007, , 687-696.	1.3	3
15	Common Work Space or How to Support Cooperative Activities Between Human Operators: Application to Fighter Aircraft. Lecture Notes in Computer Science, 2007, , 796-805.	1.3	3
16	Decision support systems for air traffic controllers based on the analysis of their decision-making processes. International Journal of Advanced Operations Management, 2012, 4, 85.	0.3	1
17	Decision analysis of Air Traffic Controller in order to propose decision support systems. , 2009, , .		0
18	Conception de la r�partition dynamique d'activit�s entre op�rateur humain et machine dans le contr�le de trafic a�rien Le�sons tir�es d'une collaboration pluridisciplinaire. Journal Europeen Des Systemes Automatisees, 2003, 37, 187-211.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Interactions homme-machine dans les vÃ©hicules automatisÃ©s. Le cas du partage du contrÃ´le latÃ©ral Ã basse vitesse. Journal Europeen Des Systemes Automatisees, 2014, 48, 511-538.	0.4	0
20	Approche de dÃ©tection et d'explication d'erreur de commande par filtrage robuste. Journal Europeen Des Systemes Automatisees, 2014, 48, 339-372.	0.4	0