Serge Debernard

List of Publications by Year
in descending order

20	368	933447 10	996975 15
papers	citations	h-index	g-index

23	23	23	232
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Principles of transparency for autonomous vehicles: first results of an experiment with an augmentedâ€“machine interface. Cognition, Technology and Work, 2019, 21, 643-656.	3.0	15
2	Automation-driver cooperative driving in presence of undetected obstacles. Control Engineering Practice, 2014, 24, 106-119.	5.5	61
3	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
4	Interactions homme-machine dans les vÃ©hicules automatisÃ©s. Le cas du partage du contrÃ1le latÃ©ral Ã basse vitesse. Journal Europeen Des Systemes Automatises, 2014, 48, 511-538.	0.4	0
5	Approche de dÃ©tection et dâ€™explication dâ€™erreur de commande par filtrage robuste. Journal Europeen Des Systemes Automatises, 2014, 48, 339-372.	0.4	0
6	Cooperative Steering Assist Control System. , 2013, , .		34
7	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
8	Principles of adjustable autonomy: a framework for resilient humanâ€“machine cooperation. Cognition, Technology and Work, 2010, 12, 193-203.	3.0	48
9	Decision analysis of Air Traffic Controller in order to propose decision support systems. , 2009, , .		0
10	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
11	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
12	AMANDA V3: Toward a Common Workspace between Air Traffic Controllers. , 2008, , .		3
13	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
14	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
15	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
16	Conception de la rÃ©partition dynamique d'activitÃ©s entre opÃ©rateur humain et machine dans le contrÃ1le de trafic aÃ©rien LeÃ§ons tirÃ©es d'une collaboration pluridisciplinaire. Journal Europeen Des Systemes Automatises, 2003, 37, 187-211.	0.4	0
17	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
18	Common work space for humanâ€“machine cooperation in air traffic control. Control Engineering Practice, 2002, 10, 571-576.	5.5	66

#	Article	IF	Citations
19	Model building for air-traffic controllers' workload regulation. European Journal of Operational Research, 2002, 136, 324-332.	5.7	16
20	Humanâ€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