

# Benoit Clement

## List of Publications by Year in descending order

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19  
papers

144  
citations

1937457

4  
h-index

1199470

12  
g-index

19  
all docs

19  
docs citations

19  
times ranked

115  
citing authors

#	ARTICLE	IF	CITATIONS
1	A global optimization approach for sliding mode tuning and existence maps generation. International Journal of Dynamics and Control, 2021, 9, 658-670.	1.5	2
2	Robust structured H2 synthesis for linear systems subject to time-invariant uncertainties with global optimization. IFAC-PapersOnLine, 2021, 54, 341-347.	0.5	0
3	Sensing-Based Self-Reconfigurable Decision-Making Mechanism for Autonomous Modular Robotic System. IEEE Sensors Journal, 2020, 20, 7097-7106.	2.4	4
4	Blind separation of ECG signals from noisy signals affected by electrosurgical artifacts. Analog Integrated Circuits and Signal Processing, 2020, 104, 191-204.	0.9	9
5	Pattern formation of multi-AUV systems with the optical sensor based on displacement-based formation control. International Journal of Systems Science, 2020, 51, 348-367.	3.7	18
6	Experimental validation of constraint mitigation algorithm in underwater robot depth control. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2019, 233, 264-275.	0.7	0
7	Formation building and collision avoidance for a fleet of NAOs based on optical sensor with local positions and minimum communication. Science China Information Sciences, 2019, 62, 1.	2.7	3
8	A Low-Cost Test Bench for Underwater Thruster Identification. IFAC-PapersOnLine, 2019, 52, 254-259.	0.5	3
9	Design and Evaluation of a Wireless Electrocardiogram Monitor in an Operating Room. Anesthesia and Analgesia, 2019, 129, 991-996.	1.1	2
10	Control of an Autonomous Underwater Vehicle subject to robustness constraints. IFAC-PapersOnLine, 2018, 51, 322-327.	0.5	1
11	Multi-Beam Echo Soundersâ€“INS Automatic Latency Calibration. Marine Geodesy, 2018, 41, 477-493.	0.9	3
12	A Modeling and Control approach for a cubic AUV. IFAC-PapersOnLine, 2016, 49, 279-284.	0.5	4
13	Global Optimization of $H_{\infty}$ Problems: Application to Robust Control Synthesis Under Structural Constraints. Lecture Notes in Computer Science, 2016, , 550-554.	1.0	2
14	Modeling of a Complex-Shaped Underwater Vehicle for Robust Control Scheme. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 80, 491-506.	2.0	65
15	Sea glider guidance around a circle using distance measurements to a drifting acoustic source. , 2012, , .		8
16	Analyse par intervalles et optimisation convexe pour résoudre un problème global de faisabilité d'une contrainte robuste. Journal European Des Systemes Automatisés, 2012, 46, 381-395.	0.3	1
17	Multi-objective H2/H $\infty$ /Impulse-to-Peak Control of a Space Launch Vehicle. European Journal of Control, 2006, 12, 57-70.	1.6	17
18	Multi-objective Synthesis Using LMI Formulations for Application of the Cutting Plane Algorithm. European Journal of Control, 2006, 12, 40-56.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Retouche de correcteurs par optimisation convexe. Application au pilotage d'un lanceur spatial. Journal European Des Systemes Automatises, 2006, 40, 997-1017.	0.3	0