

# Olivier Bokanowski

## List of Publications by Year in descending order

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11  
papers

218  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reachability and Minimal Times for State Constrained Nonlinear Problems without Any Controllability Assumption. SIAM Journal on Control and Optimization, 2010, 48, 4292-4316.	2.1	94
2	A general Hamilton-Jacobi framework for non-linear state-constrained control problems. ESAIM - Control, Optimisation and Calculus of Variations, 2013, 19, 337-357.	1.3	44
3	MINIMAL TIME PROBLEMS WITH MOVING TARGETS AND OBSTACLES. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 2589-2593.	0.4	18
4	Value iteration convergence of $\epsilon$ -monotone schemes for stationary Hamilton-Jacobi equations. Discrete and Continuous Dynamical Systems, 2015, 35, 4041-4070.	0.9	16
5	Value function and optimal trajectories for a maximum running cost control problem with state constraints. Application to an abort landing problem. ESAIM: Mathematical Modelling and Numerical Analysis, 2018, 52, 305-335.	1.9	13
6	High-order filtered schemes for time-dependent second order HJB equations. ESAIM: Mathematical Modelling and Numerical Analysis, 2018, 52, 69-97.	1.9	10
7	Computation of avoidance regions for driver assistance systems by using a Hamilton-Jacobi approach. Optimal Control Applications and Methods, 2020, 41, 668-689.	2.1	8
8	Optimistic planning algorithms for state-constrained optimal control problems. Computers and Mathematics With Applications, 2022, 109, 158-179.	2.7	7
9	Relationship between maximum principle and dynamic programming in presence of intermediate and final state constraints. ESAIM - Control, Optimisation and Calculus of Variations, 2021, 27, 91.	1.3	5
10	Backward differentiation formula finite difference schemes for diffusion equations with an obstacle term. IMA Journal of Numerical Analysis, 2021, 41, 900-934.	2.9	2
11	Stability and convergence of second order backward differentiation schemes for parabolic Hamilton-Jacobi-Bellman equations. Numerische Mathematik, 2021, 148, 187-222.	1.9	1