Paul Armand

List of Publications by Year
in descending order

16 papers	**159** citations	1163117 **8** h-index	1125743 **13** g-index
16 all docs	**16** docs citations	**16** times ranked	**78** citing authors

#	ARTICLE	IF	CITATIONS
1	A globally and quadratically convergent primal–dual augmented Lagrangian algorithm for equality constrained optimization. Optimization Methods and Software, 2017, 32, 1-21.	2.4	24
2	Pocketing toolpath computation using an optimization method. CAD Computer Aided Design, 2011, 43, 1099-1109.	2.7	22
3	Dynamic updates of the barrier parameter in primal-dual methods for nonlinear programming. Computational Optimization and Applications, 2008, 41, 1-25.	1.6	21
4	A Mixed Logarithmic Barrier-Augmented Lagrangian Method for Nonlinear Optimization. Journal of Optimization Theory and Applications, 2017, 173, 523-547.	1.5	17
5	From global to local convergence of interior methods for nonlinear optimization. Optimization Methods and Software, 2013, 28, 1051-1080.	2.4	14
6	Uniform boundedness of the inverse of a Jacobian matrix arising in regularized interior-point methods. Mathematical Programming, 2013, 137, 587-592.	2.4	14
7	Study of a primal-dual algorithm for equality constrained minimization. Computational Optimization and Applications, 2014, 59, 405-433.	1.6	13
8	A local convergence property of primal-dual methods for nonlinear programming. Mathematical Programming, 2008, 115, 199-222.	2.4	9
9	Local path-following property of inexact interior methods in nonlinear programming. Computational Optimization and Applications, 2012, 52, 209-238.	1.6	7
10	Rapid infeasibility detection in a mixed logarithmic barrier-augmented Lagrangian method for nonlinear optimization. Optimization Methods and Software, 2019, 34, 991-1013.	2.4	6
11	Limited memory solution of bound constrained convex quadratic problems arising in video games. RAIRO - Operations Research, 2007, 41, 19-34.	1.8	5
12	A Quasi-Newton Penalty Barrier Method for Convex Minimization Problems. Computational Optimization and Applications, 2003, 26, 5-34.	1.6	3
13	An inexact proximal regularization method for unconstrained optimization. Mathematical Methods of Operations Research, 2017, 85, 43-59.	1.0	2
14	An Augmented Lagrangian Method for Equality Constrained Optimization with Rapid Infeasibility Detection Capabilities. Journal of Optimization Theory and Applications, 2019, 181, 197-215.	1.5	2
15	Local Convergence Analysis of a Primal–Dual Method for Bound-Constrained Optimization Without SOSC. Journal of Optimization Theory and Applications, 2021, 189, 96-116.	1.5	0
16	Boundedness of the inverse of a regularized Jacobian matrix in constrained optimization and applications. Optimization Letters, 0, , 1.	1.6	0