Jan VlÄek

List of Publications by Year
in descending order

9 **papers**	225 **citations**	1684188 5 **h-index**
9 **all docs**	9 **docs citations**	9 **times ranked**

1588992
8 **g-index**

140 **citing authors**

#	Article	IF	Citations
1	Indefinitely preconditioned inexact Newton method for large sparse equality constrained non-linear programming problems. Numerical Linear Algebra With Applications, 1998, 5, 219-247.	1.6	101
2	A bundle-Newton method for nonsmooth unconstrained minimization. Mathematical Programming, 1998, 83, 373-391.	2.4	77
3	Interior-point method for non-linear non-convex optimization. Numerical Linear Algebra With Applications, 2004, 11, 431-453.	1.6	24
4	Algorithm 896. ACM Transactions on Mathematical Software, 2009, 36, 1-29.	2.9	8
5	Interior point methods for large-scale nonlinear programming. Optimization Methods and Software, 2005, 20, 569-582.	2.4	7
6	A modified limited-memory BNS method for unconstrained minimization based on the conjugate directions idea. Optimization Methods and Software, 2015, 30, 616-633.	2.4	4
7	A limited-memory optimization method using the infinitely many times repeated BNS update and conjugate directions. Journal of Computational and Applied Mathematics, 2019, 351, 14-28.	2.0	2
8	Properties of the block BFGS update and its application to the limited-memory block BNS method for unconstrained minimization. Numerical Algorithms, 2019, 80, 957-987.	1.9	2
9	Two limited-memory optimization methods with minimum violation of the previous secant conditions. Computational Optimization and Applications, 2021, 80, 755-780.	1.6	0