# Jan VlÄek

## List of Publications by Year
in descending order

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|---|---|---|---|
| 9 papers | 225 citations | 1684188 5 h-index | 1588992 8 g-index |
| 9 all docs | 9 docs citations | 9 times ranked | 140 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Two limited-memory optimization methods with minimum violation of the previous secant conditions. Computational Optimization and Applications, 2021, 80, 755-780. | 1.6 | 0 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Algorithm 896. ACM Transactions on Mathematical Software, 2009, 36, 1-29. | 2.9 | 8 |
| 6 | Interior point methods for large-scale nonlinear programming. Optimization Methods and Software, 2005, 20, 569-582. | 2.4 | 7 |
| 7 | Interior-point method for non-linear non-convex optimization. Numerical Linear Algebra With Applications, 2004, 11, 431-453. | 1.6 | 24 |
| 8 | 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 |
| 9 | A bundle-Newton method for nonsmooth unconstrained minimization. Mathematical Programming, 1998, 83, 373-391. | 2.4 | 77 |