# Christiane Tammer

List of Publications by Year
in descending order

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|---|---|---|---|
| 45 papers | 821 citations | 686830<br>13 h-index | 525886<br>27 g-index |
| 49 all docs | 49 docs citations | 49 times ranked | 275 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Vector Optimization with Domination Structures: Variational Principles and Applications. Set-Valued and Variational Analysis, 2022, 30, 695-729. | 0.5 | 3 |
| 2 | Special Issue 'International Seminar on Optimization and Related Areas'. Optimization, 2022, 71, i-iii. | 1.0 | 0 |
| 3 | Vector Optimization w.r.t. Relatively Solid Convex Cones in Real Linear Spaces. Journal of Optimization Theory and Applications, 2022, 193, 408-442. | 0.8 | 1 |
| 4 | What if we increase the number of objectives? Theoretical and empirical implications for many-objective combinatorial optimization. Computers and Operations Research, 2022, 145, 105857. | 2.4 | 10 |
| 5 | A special issue dedicated to the Autumn school on equilibrium problems and minimax inequalities, ASEM19, 25–26 September 2019, El Jadida, Morocco. Optimization, 2022, 71, 1249-1252. | 1.0 | 0 |
| 6 | On the Intrinsic Core of Convex Cones in Real Linear Spaces. SIAM Journal on Optimization, 2021, 31, 1276-1298. | 1.2 | 7 |
| 7 | Characterizations for Strong Abadie Constraint Qualification and Applications to Calmness. Journal of Optimization Theory and Applications, 2021, 189, 1-18. | 0.8 | 0 |
| 8 | A Steepest Descent Method for Set Optimization Problems with Set-Valued Mappings of Finite Cardinality. Journal of Optimization Theory and Applications, 2021, 190, 711-743. | 0.8 | 4 |
| 9 | Analyzing the role of the Inf-Sup condition for parameter identification in saddle point problems with application in elasticity imaging. Optimization, 2020, 69, 2577-2610. | 1.0 | 2 |
| 10 | Special Issue dedicated to the 65th birthday of Alexander Kruger. Optimization, 2020, 69, 2509-2514. | 1.0 | 0 |
| 11 | Scalarization and Separation by Translation Invariant Functions. Vector Optimization, 2020, , . | 0.7 | 9 |
| 12 | Generalized Solutions of Quasi-Variational-Like Problems. Vietnam Journal of Mathematics, 2020, 48, 509-526. | 0.4 | 1 |
| 13 | A Unified Characterization of Nonlinear Scalarizing Functionals in Optimization. Vietnam Journal of Mathematics, 2019, 47, 683-713. | 0.4 | 9 |
| 14 | Scalarization Functionals with Uniform Level Sets in Set Optimization. Journal of Optimization Theory and Applications, 2019, 182, 310-335. | 0.8 | 6 |
| 15 | Contingent derivatives and regularization for noncoercive inverse problems. Optimization, 2019, 68, 1337-1364. | 1.0 | 7 |
| 16 | A Generalized Scalarization Method in Set Optimization with Respect to Variable Domination Structures. Vietnam Journal of Mathematics, 2018, 46, 95-125. | 0.4 | 11 |
| 17 | A unified approach to uncertain optimization. European Journal of Operational Research, 2017, 260, 403-420. | 3.5 | 48 |
| 18 | On Some Methods to Derive Necessary and Sufficient Optimality Conditions in Vector Optimization. Journal of Optimization Theory and Applications, 2017, 175, 738-763. | 0.8 | 4 |

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|---|---------|-----|-----------|
| 19 | On convex modified output least-squares for elliptic inverse problems: stability, regularization, applications, and numerics. Optimization, 2017, 66, 983-1012. | 1.0 | 4 |
| 20 | Approximation und Nichtlineare Optimierung in Praxisaufgaben. , 2017, , . | | 0 |
| 21 | Relationships between constrained and unconstrained multi-objective optimization and application in location theory. Mathematical Methods of Operations Research, 2016, 84, 359-387. | 0.4 | 5 |
| 22 | The Lipschitzianity of convex vector and set-valued functions. Top, 2016, 24, 273-299. | 1.1 | 5 |
| 23 | Set-valued Optimization. Vector Optimization, 2015, , . | 0.7 | 284 |
| 24 | Special issue on the occasion of the 40th anniversary of the Journal, dedicated to the memory of the founder, Professor Karl-Heinz Elster, and to Professor Alfred GÃ¶pfert in celebration of his 80th birthday (Part 1). Optimization, 2015, 64, 1-3. | 1.0 | 0 |
| 25 | Regularization of quasi-variational inequalities. Optimization, 2015, 64, 1703-1724. | 1.0 | 34 |
| 26 | Optimality Conditions in Set-Valued Optimization. Vector Optimization, 2015, , 509-604. | 0.7 | 0 |
| 27 | Characterization of Set Relations by Means of a Nonlinear Scalarization Functional. Advances in Intelligent Systems and Computing, 2015, , 491-503. | 0.5 | 4 |
| 28 | Optimal Exploitation of Nonrenewable Resources. Journal of Optimization Theory and Applications, 2015, 167, 928-948. | 0.8 | 1 |
| 29 | On set-valued optimization problems with variable ordering structure. Journal of Global Optimization, 2015, 61, 745-767. | 1.1 | 26 |
| 30 | Nonconvex Separation Theorems. Vector Optimization, 2015, , 213-248. | 0.7 | 0 |
| 31 | Concepts for Approximate Solutions of Vector Optimization Problems with Variable Order Structures. Vietnam Journal of Mathematics, 2014, 42, 543-566. | 0.4 | 10 |
| 32 | The relationship between multi-objective robustness concepts and set-valued optimization. Fixed Point Theory and Applications, 2014, 2014, 83. | 1.1 | 45 |
| 33 | Scalarization in Geometric and Functional Vector Optimization Revisited. Journal of Optimization Theory and Applications, 2013, 159, 635-655. | 0.8 | 4 |
| 34 | Second-order optimality conditions in set-valued optimization via asymptotic derivatives. Optimization, 2013, 62, 743-758. | 1.0 | 13 |
| 35 | Relations between strictly robust optimization problems and a nonlinear scalarization method. , 2012, , . | | 4 |
| 36 | Multicriteria approaches for a private equity fund. , 2012, , . | | 0 |

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|---|---------|-----|-----------|
| 37 | Vector Variational Principles for Set-Valued Functions. Vector Optimization, 2012, , 367-415. | 0.7 | 14 |
| 38 | Vector variational principles for set-valued functions. Optimization, 2011, 60, 839-857. | 1.0 | 23 |
| 39 | Lipschitz properties of the scalarization function and applications. Optimization, 2010, 59, 305-319. | 1.0 | 50 |
| 40 | Fuzzy necessary optimality conditions for vector optimization problems. Optimization, 2009, 58, 449-467. | 1.0 | 52 |
| 41 | Set-valued duality theory for multiple objective linear programs and application to mathematical finance. Mathematical Methods of Operations Research, 2009, 69, 159-179. | 0.4 | 27 |
| 42 | Special issue dedicated to the EURO Summer Institute ESI XXIV: Optimization challenges in engineeringâ€"methods, software, and applications. Mathematical Methods of Operations Research, 2008, 68, 207-210. | 0.4 | 0 |
| 43 | A new approach to duality in vector optimization. Optimization, 2007, 56, 221-239. | 1.0 | 31 |
| 44 | Lagrangian conditions for vector optimization in Banach spaces. Mathematical Methods of Operations Research, 2006, 64, 521-540. | 0.4 | 37 |
| 45 | Stability results for approximately efficient solutions. OR Spectrum, 1994, 16, 47-52. | 2.1 | 21 |