

Lucas Backes

List of Publications by Year in descending order

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papers

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A generalized Grobman-Hartman theorem for nonautonomous dynamics. <i>Collectanea Mathematica</i> , 2022, 73, 411-431. | 0.9 | 3 |
| 2 | Shadowing for nonautonomous and nonlinear dynamics with impulses. <i>Monatshefte Fur Mathematik</i> , 2022, 198, 485-502. | 0.9 | 2 |
| 3 | Shadowing for infinite dimensional dynamics and exponential trichotomies. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2021, 151, 863-884. | 1.2 | 17 |
| 4 | On the spectral radius of compact operator cocycles. <i>Stochastics and Dynamics</i> , 2021, 21, 2150026. | 1.2 | 0 |
| 5 | A general approach to nonautonomous shadowing for nonlinear dynamics. <i>Bulletin Des Sciences Mathematiques</i> , 2021, 170, 102996. | 1.0 | 11 |
| 6 | Linearization and Hölder continuity for nonautonomous systems. <i>Journal of Differential Equations</i> , 2021, 297, 536-574. | 2.2 | 5 |
| 7 | Simplicity of Lyapunov spectrum for linear cocycles over non-uniformly hyperbolic systems. <i>Ergodic Theory and Dynamical Systems</i> , 2020, 40, 2947-2969. | 0.6 | 7 |
| 8 | Quasi-shadowing for partially hyperbolic dynamics on Banach spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 492, 124445. | 1.0 | 5 |
| 9 | Cohomology of fiber-bunched twisted cocycles over hyperbolic systems. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2020, 63, 844-860. | 0.3 | 0 |
| 10 | A Livšic Theorem for Matrix Cocycles Over Non-uniformly Hyperbolic Systems. <i>Journal of Dynamics and Differential Equations</i> , 2019, 31, 1825-1838. | 1.9 | 3 |
| 11 | A Remark on the Invertibility of Semi-invertible Cocycles. <i>Journal of Dynamical and Control Systems</i> , 2019, 25, 527-533. | 0.8 | 1 |
| 12 | Shadowing for Nonautonomous Dynamics. <i>Advanced Nonlinear Studies</i> , 2019, 19, 425-436. | 1.7 | 18 |
| 13 | Periodic approximation of exceptional Lyapunov exponents for semi-invertible operator cocycles. <i>Annales Academiae Scientiarum Fennicae Mathematica</i> , 2019, 44, 183-209. | 0.7 | 12 |
| 14 | Periodic approximation of Oseledets subspaces for semi-invertible cocycles. <i>Dynamical Systems</i> , 2018, 33, 480-496. | 0.4 | 2 |
| 15 | Continuity of Lyapunov exponents for cocycles with invariant holonomies. <i>Journal of Modern Dynamics</i> , 2018, 12, 223-260. | 0.5 | 20 |
| 16 | The set of fiber-bunched cocycles with nonvanishing Lyapunov exponents over a partially hyperbolic map is open. <i>Mathematical Research Letters</i> , 2018, 25, 1719-1740. | 0.5 | 3 |
| 17 | Continuity of Lyapunov exponents is equivalent to continuity of Oseledets subspaces. <i>Stochastics and Dynamics</i> , 2017, 17, 1750047. | 1.2 | 4 |
| 18 | On the periodic approximation of Lyapunov exponents for semi-invertible cocycles. <i>Discrete and Continuous Dynamical Systems</i> , 2017, 37, 6353-6368. | 0.9 | 3 |

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|----|--|-----|-----------|
| 19 | Cohomology of dominated diffeomorphism-valued cocycles over hyperbolic systems. Ergodic Theory and Dynamical Systems, 2016, 36, 1703-1722. | 0.6 | 9 |
| 20 | Hyers-Ulam stability for hyperbolic random dynamics. Fundamenta Mathematicae, 0, , . | 0.5 | 7 |