

Lucas Backes

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Continuity of Lyapunov exponents for cocycles with invariant holonomies. <i>Journal of Modern Dynamics</i> , 2018, 12, 223-260.	0.5	20
2	Shadowing for Nonautonomous Dynamics. <i>Advanced Nonlinear Studies</i> , 2019, 19, 425-436.	1.7	18
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	Periodic approximation of exceptional Lyapunov exponents for semi-invertible operator cocycles. <i>Annales Academiæ Scientiarum Fennicæ Mathematica</i> , 2019, 44, 183-209.	0.7	12
5	A general approach to nonautonomous shadowing for nonlinear dynamics. <i>Bulletin Des Sciences Mathématiques</i> , 2021, 170, 102996.	1.0	11
6	Cohomology of dominated diffeomorphism-valued cocycles over hyperbolic systems. <i>Ergodic Theory and Dynamical Systems</i> , 2016, 36, 1703-1722.	0.6	9
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	Hyers-Ulam stability for hyperbolic random dynamics. <i>Fundamenta Mathematicæ</i> , 0, , .	0.5	7
9	Quasi-shadowing for partially hyperbolic dynamics on Banach spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 492, 124445.	1.0	5
10	Linearization and Hölder continuity for nonautonomous systems. <i>Journal of Differential Equations</i> , 2021, 297, 536-574.	2.2	5
11	Continuity of Lyapunov exponents is equivalent to continuity of Oseledets subspaces. <i>Stochastics and Dynamics</i> , 2017, 17, 1750047.	1.2	4
12	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
13	A generalized Grobman-Hartman theorem for nonautonomous dynamics. <i>Collectanea Mathematica</i> , 2022, 73, 411-431.	0.9	3
14	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
15	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
16	Periodic approximation of Oseledets subspaces for semi-invertible cocycles. <i>Dynamical Systems</i> , 2018, 33, 480-496.	0.4	2
17	Shadowing for nonautonomous and nonlinear dynamics with impulses. <i>Monatshefte Fur Mathematik</i> , 2022, 198, 485-502.	0.9	2
18	A Remark on the Invertibility of Semi-invertible Cocycles. <i>Journal of Dynamical and Control Systems</i> , 2019, 25, 527-533.	0.8	1

#	ARTICLE	IF	CITATIONS
19	Cohomology of fiber-bunched twisted cocycles over hyperbolic systems. Proceedings of the Edinburgh Mathematical Society, 2020, 63, 844-860.	0.3	0
20	On the spectral radius of compact operator cocycles. Stochastics and Dynamics, 2021, 21, 2150026.	1.2	0