

Alexander Schmeding

List of Publications by Year in descending order

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papers

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1684188

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28
all docs

28
docs citations

28
times ranked

54
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape analysis on Lie groups with applications in computer animation. Journal of Geometric Mechanics, 2016, 8, 273-304.	0.8	28
2	Differentiable mappings on products with different degrees of differentiability in the two factors. , 2015, 33, 184-222.		25
3	The Lie group of bisections of a Lie groupoid. Annals of Global Analysis and Geometry, 2015, 48, 87-123.	0.6	16
4	The Lie Group Structure of the Butcher Group. Foundations of Computational Mathematics, 2017, 17, 127-159.	2.5	11
5	Strong topologies for spaces of smooth maps with infinite-dimensional target. , 2017, 35, 13-53.		11
6	Character groups of Hopf algebras as infinite-dimensional Lie groups. Annales De L'Institut Fourier, 2016, 66, 2101-2155.	0.6	9
7	(Re)constructing Lie groupoids from their bisections and applications to prequantisation. Differential Geometry and Its Applications, 2016, 49, 227-276.	0.5	8
8	Overview of (pro-)Lie Group Structures on Hopf Algebra Character Groups. Springer Proceedings in Mathematics and Statistics, 2018, , 287-314.	0.2	6
9	Lie groups of controlled characters of combinatorial Hopf algebras. Annales De L'Institut Henri Poincare (D) Combinatorics, Physics and Their Interactions, 2020, 7, 395-456.	1.1	5
10	Shape Analysis on Homogeneous Spaces: A Generalised SRVT Framework. Abel Symposia, 2018, , 187-220.	0.3	4
11	Shape Analysis on Lie Groups and Homogeneous Spaces. Lecture Notes in Computer Science, 2017, , 49-56.	1.3	4
12	Lie theory for asymptotic symmetries in general relativity: The BMS group. Classical and Quantum Gravity, 2022, 39, 065004.	4.0	4
13	Linking Lie groupoid representations and representations of infinite-dimensional Lie groups. Annals of Global Analysis and Geometry, 2019, 55, 749-775.	0.6	3
14	Universal Zero Dynamics: The SISO Case. , 2021, , .		3
15	Lie groupoids of mappings taking values in a Lie groupoid. Archivum Mathematicum, 2020, , 307-356.	0.3	3
16	FUNCTORIAL ASPECTS OF THE RECONSTRUCTION OF LIE GROUPOIDS FROM THEIR BISECTION. Journal of the Australian Mathematical Society, 2016, 101, 253-276.	0.4	2
17	Convergence of Lie group integrators. Numerische Mathematik, 2020, 144, 357-373.	1.9	2
18	Continuity of Chen-Fliess Series for Applications in System Identification and Machine Learning. IFAC-PapersOnLine, 2021, 54, 231-238.	0.9	2

#	ARTICLE	IF	CITATIONS
19	The Lie group of real analytic diffeomorphisms is not real analytic. <i>Studia Mathematica</i> , 0, , 1-32.	0.7	2
20	The Geometry of Characters of Hopf Algebras. <i>Abel Symposia</i> , 2018, , 159-185.	0.3	2
21	Extending Whitney's extension theorem: nonlinear function spaces. <i>Annales De L'Institut Fourier</i> , 2021, 71, 1241-1286.	0.6	2
22	The Lie group of vertical bisections of a regular Lie groupoid. <i>Forum Mathematicum</i> , 2020, 32, 479-489.	0.7	1
23	Lie theory for asymptotic symmetries in general relativity: The NU group. <i>Classical and Quantum Gravity</i> , 2022, 39, 155005.	4.0	1
24	A Construction of Relatively Pure Submodules. <i>Communications in Algebra</i> , 2014, 42, 228-237.	0.6	0
25	Orbifold Diffeomorphism Groups. <i>Trends in Mathematics</i> , 2014, , 153-162.	0.1	0
26	Manifolds of mappings on Cartesian products. <i>Annals of Global Analysis and Geometry</i> , 0, , 1.	0.6	0
27	Continuity of Formal Power Series Products in Nonlinear Control Theory. <i>Foundations of Computational Mathematics</i> , 0, , 1.	2.5	0