Alexander Schmeding

List of Publications by Year
in descending order

27	154	1684188 5	1372567 10
papers	citations	h-index	g-index

28	28	28	54
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lie theory for asymptotic symmetries in general relativity: The BMS group. Classical and Quantum Gravity, 2022, 39, 065004.	4.0	4
2	Lie theory for asymptotic symmetries in general relativity: The NU group. Classical and Quantum Gravity, 2022, 39, 155005.	4.0	1
3	Universal Zero Dynamics: The SISO Case. , 2021, , .		3
4	Continuity of Chen-Fliess Series for Applications in System Identification and Machine Learning. IFAC-PapersOnLine, 2021, 54, 231-238.	0.9	2
5	Extending Whitneyâ€™s extension theorem: nonlinear function spaces. Annales De L'Institut Fourier, 2021, 71, 1241-1286.	0.6	2
6	Convergence of Lie group integrators. Numerische Mathematik, 2020, 144, 357-373.	1.9	2
7	The Lie group of vertical bisections of a regular Lie groupoid. Forum Mathematicum, 2020, 32, 479-489.	0.7	1
8	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
9	Lie groupoids of mappings taking values in a Lie groupoid. Archivum Mathematicum, 2020, , 307-356.	0.3	3
10	Linking Lie groupoid representations and representations of infinite-dimensional Lie groups. Annals of Global Analysis and Geometry, 2019, 55, 749-775.	0.6	3
11	Shape Analysis on Homogeneous Spaces: A Generalised SRVT Framework. Abel Symposia, 2018, , 187-220.	0.3	4
12	Overview of (pro-)Lie Group Structures on Hopf Algebra Character Groups. Springer Proceedings in Mathematics and Statistics, 2018, , 287-314.	0.2	6
13	The Geometry of Characters of Hopf Algebras. Abel Symposia, 2018, , 159-185.	0.3	2
14	The Lie Group Structure of the Butcher Group. Foundations of Computational Mathematics, 2017, 17, 127-159.	2.5	11
15	Strong topologies for spaces of smooth maps with infinite-dimensional target. , 2017, 35, 13-53.		11
16	Shape Analysis on Lie Groups and Homogeneous Spaces. Lecture Notes in Computer Science, 2017, , 49-56.	1.3	4
17	FUNCTORIAL ASPECTS OF THE RECONSTRUCTION OF LIE GROUPOIDS FROM THEIR BISECTIONS. Journal of the Australian Mathematical Society, 2016, 101, 253-276.	0.4	2
18	(Re)constructing Lie groupoids from their bisections and applications to prequantisation. Differential Geometry and Its Applications, 2016, 49, 227-276.	0.5	8

#	Article	IF	Citations
19	Shape analysis on Lie groups with applications in computer animation. Journal of Geometric Mechanics, 2016, 8, 273-304.	0.8	28
20	Character groups of Hopf algebras as infinite-dimensional Lie groups. Annales De L'Institut Fourier, 2016, 66, 2101-2155.	0.6	9
21	The Lie group of bisections of a Lie groupoid. Annals of Global Analysis and Geometry, 2015, 48, 87-123.	0.6	16
22	Differentiable mappings on products with different degrees of differentiability in the two factors. , 2015, 33, 184-222.		25
23	A Construction of Relatively Pure Submodules. Communications in Algebra, 2014, 42, 228-237.	0.6	0
24	Orbifold Diffeomorphism Groups. Trends in Mathematics, 2014, , 153-162.	0.1	0
25	The Lie group of real analytic diffeomorphisms is not real analytic. Studia Mathematica, 0, , 1-32.	0.7	2
26	Manifolds of mappings on Cartesian products. Annals of Global Analysis and Geometry, 0, , 1.	0.6	0
27	Continuity of Formal Power Series Products in Nonlinear Control Theory. Foundations of Computational Mathematics, 0, , 1.	2.5	0