

# Alexandre Kirilov

## List of Publications by Year in descending order

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15  
papers

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1478505

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docs citations

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21  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global hypoellipticity and global solvability for vector fields on compact Lie groups. Journal of Functional Analysis, 2021, 280, 108806.	1.4	6
2	Global analytic hypoellipticity for a class of evolution operators on $T^1\tilde{A}-S^3$ . Journal of Differential Equations, 2021, 296, 699-723.	2.2	0
3	Partial Fourier series on compact Lie groups. Bulletin Des Sciences Mathematiques, 2020, 160, 102853.	1.0	6
4	Global hypoellipticity for strongly invariant operators. Journal of Mathematical Analysis and Applications, 2020, 486, 123878.	1.0	3
5	Global Gevrey hypoellipticity on the torus for a class of systems of complex vector fields. Journal of Mathematical Analysis and Applications, 2019, 474, 712-732.	1.0	6
6	Global Hypoellipticity for a Class of Pseudo-differential Operators on the Torus. Journal of Fourier Analysis and Applications, 2019, 25, 1717-1758.	1.0	8
7	Global hypoellipticity for first-order operators on closed smooth manifolds. Journal D'Analyse Mathematique, 2018, 135, 527-573.	0.8	8
8	Perturbations of globally hypoelliptic operators on closed manifolds. Journal of Spectral Theory, 2018, 9, 825-855.	0.8	6
9	On the global solvability of involutive systems. Journal of Mathematical Analysis and Applications, 2016, 444, 527-549.	1.0	5
10	Global solutions to involutive systems. Proceedings of the American Mathematical Society, 2015, 143, 4851-4862.	0.8	10
11	Global solvability and global hypoellipticity for a class of complex vector fields on the 3-torus. Journal of Pseudo-Differential Operators and Applications, 2015, 6, 341-360.	0.7	11
12	On the global solvability for overdetermined systems. Transactions of the American Mathematical Society, 2012, 364, 4533-4549.	0.9	14
13	Global Solvability in Functional Spaces for Smooth Nonsingular Vector Fields in the Plane. , 2011, , 191-210.		2
14	$C^k$ Solvability near the Characteristic set for a Class of Vector Fields of Infinite Type. Matematica Contemporanea, 2008, 36, .	0.0	0
15	Global solvability for a class of overdetermined systems. Journal of Functional Analysis, 2007, 252, 603-629.	1.4	18