

# Jiang-Hua Lu

## List of Publications by Year in descending order

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26  
papers

898  
citations

567281

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h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

228  
citing authors

#	ARTICLE	IF	CITATIONS
1	Poisson Lie groups, dressing transformations, and Bruhat decompositions. Journal of Differential Geometry, 1990, 31, .	1.1	314
2	HOPF ALGEBROIDS AND QUANTUM GROUPOIDS. International Journal of Mathematics, 1996, 07, 47-70.	0.5	145
3	Momentum Mappings And Reduction of Poisson Actions. Mathematical Sciences Research Institute Publications, 1991, , 209-226.	0.3	53
4	Poisson homogeneous spaces and Lie algebroids associated to Poisson actions. Duke Mathematical Journal, 1997, 86, 261.	1.5	52
5	On the Drinfeld double and the Heisenberg double of a Hopf algebra. Duke Mathematical Journal, 1994, 74, 763.	1.5	43
6	On the variety of Lagrangian subalgebras, II. Annales Scientifiques De L'Ecole Normale Superieure, 2006, 39, 347-379.	0.8	38
7	Group Orbits and Regular Partitions of Poisson Manifolds. Communications in Mathematical Physics, 2008, 283, 729-748.	2.2	27
8	Moment maps at the quantum level. Communications in Mathematical Physics, 1993, 157, 389-404.	2.2	26
9	Bott's Samelson atlases, total positivity, and Poisson structures on some homogeneous spaces. Selecta Mathematica, New Series, 2020, 26, 1.	1.0	24
10	Poisson Geometry of the Grothendieck Resolution of a Complex Semisimple Group. Moscow Mathematical Journal, 2007, 7, 613-642.	0.4	24
11	Poisson Harmonic Forms, Kostant Harmonic Forms, and the $S^1$ -Equivariant Cohomology of $K/T$ . Advances in Mathematics, 1999, 142, 171-220.	1.1	22
12	Classical Dynamical $r$ -Matrices and Homogeneous Poisson Structures on $G/H$ and $K/T$ . Communications in Mathematical Physics, 2000, 212, 337-370.	2.2	19
13	On the variety of Lagrangian subalgebras, I. Annales Scientifiques De L'Ecole Normale Superieure, 2001, 34, 631-668.	0.8	19
14	On the nonlinear convexity theorem of Kostant. Journal of the American Mathematical Society, 1991, 4, 349-363.	3.9	16
15	Coordinates on Schubert cells, Kostant's harmonic forms, and the Bruhat Poisson structure on $G/B$ . Transformation Groups, 1999, 4, 355-374.	0.7	15
16	On intersections of conjugacy classes and bruhat cells. Transformation Groups, 2010, 15, 243-260.	0.7	14
17	On a dimension formula for spherical twisted conjugacy classes in semisimple algebraic groups. Mathematische Zeitschrift, 2011, 269, 1181-1188.	0.9	8
18	DOUBLE BRUHAT CELLS AND SYMPLECTIC GROUPOIDS. Transformation Groups, 2018, 23, 765-800.	0.7	8

#	ARTICLE	IF	CITATIONS
19	Partitions of the wonderful group compactification. Transformation Groups, 2007, 12, 695-723.	0.7	7
20	On the T-leaves of some Poisson structures related to products of flag varieties. Advances in Mathematics, 2017, 306, 1209-1261.	1.1	7
21	Mixed Product Poisson Structures Associated to Poisson Lie Groups and Lie Bialgebras. International Mathematics Research Notices, 2016, , rnw189.	1.0	6
22	On a class of double cosets in reductive algebraic groups. International Mathematics Research Notices, 2005, 2005, 761.	1.0	4
23	Bottâ€“Samelson Varieties and Poisson Ore Extensions. International Mathematics Research Notices, 2021, 2021, 10745-10797.	1.0	4
24	On the T-leaves and the ranks of a Poisson structure on twisted conjugacy classes. Indagationes Mathematicae, 2014, 25, 1102-1121.	0.4	3
25	A note on a theorem of Stanton-Weinstein on the $L^4$ -norm of spherical harmonics. Mathematical Proceedings of the Cambridge Philosophical Society, 1987, 102, 561-563.	0.4	0
26	New Realizations of the Maximal Satake Compactifications of Riemannian Symmetric Spaces of Noncompact Type. Letters in Mathematical Physics, 2004, 69, 139-145.	1.1	0