Xuhua He

List of Publications by Year
in descending order

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27	292	933447 10	888059 17
papers	citations	h-index	g-index

28	28	28	46
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Geometric and homological properties of affine Deligne-Lusztig varieties. Annals of Mathematics, 2014, 179, 367-404.	4.2	42
2	Minimal length elements in some double cosets of Coxeter groups. Advances in Mathematics, 2007, 215, 469-503.	1.1	39
3	Minimal length elements of extended affineÂWeylÂgroups. Compositio Mathematica, 2014, 150, 1903-1927.	0.8	29
4	Families of rationally simply connected varieties over surfaces and torsors for semisimple groups. Publications Mathematiques De L'Institut Des Hautes Etudes Scientifiques, 2011, 114, 1-85.	4.3	25
5	Basic loci of Coxeter type in Shimura varieties. Cambridge Journal of Mathematics, 2015, 3, 323-353.	1.5	22
6	P-alcoves and nonemptiness of affine Deligne-Lusztig varieties. Annales Scientifiques De L'Ecole Normale Superieure, 2015, 48, 647-665.	0.8	20
7	Kottwitz-Rapoport conjecture on unions of affine Deligne-Lusztig varieties. Annales Scientifiques De L'Ecole Normale Superieure, 2016, 49, 1125-1141.	0.8	20
8	Fully Hodgeâ€“Newton Decomposable Shimura Varieties. Peking Mathematical Journal, 2019, 2, 99-154.	1.2	18
9	A subalgebra of 0-Hecke algebra. Journal of Algebra, 2009, 322, 4030-4039.	0.7	16
10	Projected Richardson varieties and affine Schubert varieties. Annales De L'Institut Fourier, 2015, 65, 2385-2412.	0.6	11
11	Vertexwise criteria for admissibility of alcoves. American Journal of Mathematics, 2017, 139, 769-784.	1.1	9
12	Cocenters and representations of affine Hecke algebras. Journal of the European Mathematical Society, 2017, 19, 3143-3177.	1.4	6
13	FINE DELIGNEâ€“LUSZTIG VARIETIES AND ARITHMETIC FUNDAMENTAL LEMMAS. Forum of Mathematics, Sigma, 2019, 7, .	0.7	6
14	COCENTERS OF -ADIC GROUPS, I: NEWTONÂDECOMPOSITION. Forum of Mathematics, Pi, 2018, 6, .	2.0	4
15	$$P$$ P -alcoves, parabolic subalgebras and cocenters of affine Hecke algebras. Selecta Mathematica, New Series, 2015, 21, 995-1019.	1.0	3
16	Cocenter of p-adic groups, II: Induction map. Advances in Mathematics, 2019, 345, 972-997.	1.1	3
17	Dimension formula for the affine Deligneâ€“Lusztig variety $$X(mu , b)$$. Mathematische Annalen, 2021, 379, 1747-1765.	1.4	3
18	EXTREMAL CASES OF RAPOPORTâ€“ZINK SPACES. Journal of the Institute of Mathematics of Jussieu, 2022, 21, 1727-1782.	0.7	3

#	Article	IF	Citations
19	Cordial elements and dimensions of affine Deligneâ€“Lusztig varieties. Forum of Mathematics, Pi, 2021, 9, .	2.0	3
20	On the Acceptable Elements. International Mathematics Research Notices, 2016, , rnw260.	1.0	2
21	SOME RESULTS ON AFFINE DELIGNEâ€“LUSZTIG VARIETIES. , 2019, , .		1
22	From conjugacy classes in the Weyl group to semisimple conjugacy classes. Pure and Applied Mathematics Quarterly, 2021, 17, 1159-1189.	0.4	1
23	On Frobenius splitting of orbit closures of spherical subgroups in flag varieties. Transformation Groups, 2012, 17, 691-715.	0.7	0
24	A geometric interpretation of Newton strata. Selecta Mathematica, New Series, 2020, 26, 1.	1.0	0
25	Cocenters of p-adic Groups, III: Elliptic and Rigid Cocenters. Peking Mathematical Journal, 2020, 4, 159.	1.2	0
26	A Birkhoffâ€“Bruhat atlas for partial flag varieties. Indagationes Mathematicae, 2021, 32, 1152-1173.	0.4	0
27	Hecke algebras and p-adic groups. Current Developments in Mathematics, 2015, 2015, 73-135.	0.1	0