

# Xuhua He

## List of Publications by Year in descending order

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28  
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	EXTREMAL CASES OF RAPOPORT-ZINK SPACES. Journal of the Institute of Mathematics of Jussieu, 2022, 21, 1727-1782.	0.7	3
2	Dimension formula for the affine Deligne-Lusztig variety $X(\mu, b)$ . Mathematische Annalen, 2021, 379, 1747-1765.	1.4	3
3	Cordial elements and dimensions of affine Deligne-Lusztig varieties. Forum of Mathematics, Pi, 2021, 9, .	2.0	3
4	A Birkhoff-Bruhat atlas for partial flag varieties. Indagationes Mathematicae, 2021, 32, 1152-1173.	0.4	0
5	From conjugacy classes in the Weyl group to semisimple conjugacy classes. Pure and Applied Mathematics Quarterly, 2021, 17, 1159-1189.	0.4	1
6	A geometric interpretation of Newton strata. Selecta Mathematica, New Series, 2020, 26, 1.	1.0	0
7	Cocenters of $p$ -adic Groups, III: Elliptic and Rigid Cocenters. Peking Mathematical Journal, 2020, 4, 159.	1.2	0
8	Fully Hodge-Newton Decomposable Shimura Varieties. Peking Mathematical Journal, 2019, 2, 99-154.	1.2	18
9	Cocenter of $p$ -adic groups, II: Induction map. Advances in Mathematics, 2019, 345, 972-997.	1.1	3
10	FINE DELIGNE-LUSZTIG VARIETIES AND ARITHMETIC FUNDAMENTAL LEMMAS. Forum of Mathematics, Sigma, 2019, 7, .	0.7	6
11	SOME RESULTS ON AFFINE DELIGNE-LUSZTIG VARIETIES. , 2019, , .		1
12	COCENTERS OF $p$ -ADIC GROUPS, I: NEWTON DECOMPOSITION. Forum of Mathematics, Pi, 2018, 6, .	2.0	4
13	Vertexwise criteria for admissibility of alcoves. American Journal of Mathematics, 2017, 139, 769-784.	1.1	9
14	Cocenters and representations of affine Hecke algebras. Journal of the European Mathematical Society, 2017, 19, 3143-3177.	1.4	6
15	On the Acceptable Elements. International Mathematics Research Notices, 2016, , rrw260.	1.0	2
16	Kottwitz-Rapoport conjecture on unions of affine Deligne-Lusztig varieties. Annales Scientifiques De L'Ecole Normale Supérieure, 2016, 49, 1125-1141.	0.8	20
17	$p$ -alcoves, parabolic subalgebras and cocenters of affine Hecke algebras. Selecta Mathematica, New Series, 2015, 21, 995-1019.	1.0	3
18	$p$ -alcoves and nonemptiness of affine Deligne-Lusztig varieties. Annales Scientifiques De L'Ecole Normale Supérieure, 2015, 48, 647-665.	0.8	20

#	ARTICLE	IF	CITATIONS
19	Basic loci of Coxeter type in Shimura varieties. Cambridge Journal of Mathematics, 2015, 3, 323-353.	1.5	22
20	Projected Richardson varieties and affine Schubert varieties. Annales De L'Institut Fourier, 2015, 65, 2385-2412.	0.6	11
21	Hecke algebras and $p$ -adic groups. Current Developments in Mathematics, 2015, 2015, 73-135.	0.1	0
22	Minimal length elements of extended affine Weyl groups. Compositio Mathematica, 2014, 150, 1903-1927.	0.8	29
23	Geometric and homological properties of affine Deligne-Lusztig varieties. Annals of Mathematics, 2014, 179, 367-404.	4.2	42
24	On Frobenius splitting of orbit closures of spherical subgroups in flag varieties. Transformation Groups, 2012, 17, 691-715.	0.7	0
25	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
26	A subalgebra of 0-Hecke algebra. Journal of Algebra, 2009, 322, 4030-4039.	0.7	16
27	Minimal length elements in some double cosets of Coxeter groups. Advances in Mathematics, 2007, 215, 469-503.	1.1	39