

# David Helm

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12016849/publications.pdf>

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15  
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1163117

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docs citations

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51  
citing authors

#	ARTICLE	IF	CITATIONS
1	The local Langlands correspondence for $GL_n$ in families. Annales Scientifiques De L'Ecole Normale Supérieure, 2014, 47, 655-722.	0.8	33
2	THE BERNSTEIN CENTER OF THE CATEGORY OF SMOOTH $\ell$ -MODULES. Forum of Mathematics, Sigma, 2016, 4, .	0.7	20
3	Monodromy Filtrations and the Topology of Tropical Varieties. Canadian Journal of Mathematics, 2012, 64, 845-868.	0.6	19
4	On maps between modular Jacobians and Jacobians of Shimura curves. Israel Journal of Mathematics, 2007, 160, 61-117.	0.8	18
5	Whittaker models and the integral Bernstein center for $GL_n$ . Duke Mathematical Journal, 2016, 165, .	1.5	12
6	Converse theorems and the local Langlands correspondence in families. Inventiones Mathematicae, 2018, 214, 999-1022.	2.5	12
7	Algorithms for graded injective resolutions and local cohomology over semigroup rings. Journal of Symbolic Computation, 2005, 39, 373-395.	0.8	10
8	Bass numbers of semigroup-graded local cohomology. Pacific Journal of Mathematics, 2003, 209, 41-66.	0.5	10
9	Towards a geometric Jacquet-Langlands correspondence for unitary Shimura varieties. Duke Mathematical Journal, 2010, 155, .	1.5	9
10	A geometric Jacquet-Langlands correspondence for $U(2)$ Shimura varieties. Israel Journal of Mathematics, 2012, 187, 37-80.	0.8	8
11	Curtis homomorphisms and the integral Bernstein center for $GL_n$ . Algebra and Number Theory, 2020, 14, 2607-2645.	0.6	7
12	Tate cycles on some unitary Shimura varieties mod $p$ . Algebra and Number Theory, 2017, 11, 2213-2288.	0.6	6
13	Finite descent obstruction on curves and modularity. Bulletin of the London Mathematical Society, 2011, 43, 805-810.	0.8	3
14	On the modified mod $p$ local Langlands correspondence for $GL_2(\mathbb{Q}_{\ell})$ . Mathematical Research Letters, 2013, 20, 489-500.	0.5	3
15	On $\ell$ -adic families of cuspidal representations of $GL_2(\mathbb{Q}_p)$ . Mathematical Research Letters, 2010, 17, 805-822.	0.5	2