Gebhard Bã¶ckle

List of Publications by Year
in descending order

		1163117	1058476
28 papers	**241** citations	**8** h-index	**14** g-index
32 all docs	**32** docs citations	**32** times ranked	**72** citing authors

#	Article	IF	Citations
1	A Hecke-equivariant decomposition of spaces of Drinfeld cusp forms via representation theory, and an investigation of its subfactors. Research in Number Theory, 2021, 7, 1.	0.4	0
2	Wiles defect for Hecke algebras that are not complete intersections. Compositio Mathematica, 2021, 157, 2046-2088.	0.8	3
3	On the semisimplicity of reductions and adelic openness for E-rational compatible systems over global function fields. Transactions of the American Mathematical Society, 2019, 372, 5621-5691.	0.9	1
4	$\hat{G}$-local systems on smooth projective curves are potentially automorphic. Acta Mathematica, 2019, 223, 1-111.	3.9	12
5	Independence of â„"ell-adic representations of geometric Galois groups. Journal Fur Die Reine Und Angewandte Mathematik, 2018, 2018, 69-93.	0.9	4
6	A variational open image theorem in positive characteristic. Journal De Theorie Des Nombres De Bordeaux, 2018, 30, 965-977.	0.1	0
7	Division algebras and maximal orders for given invariants. LMS Journal of Computation and Mathematics, 2016, 19, 178-195.	0.9	3
8	Hecke characters associated to DrinfeldÂmodularÂforms. Compositio Mathematica, 2015, 151, 2006-2058.	0.8	3
9	Irreducibility of versal deformation rings in the (p,p)-case for 2-dimensional representations. Journal of Algebra, 2015, 444, 81-123.	0.7	7
10	The distribution of the zeros of the Goss zeta-function for $$A=\mathbb{F}_2[x,y]/(y^2+y+x^3+x+1)$$. Mathematische Zeitschrift, 2013, 275, 835-861.	0.9	4
11	Algebraic Hecke characters and strictly compatible systems of abelian mod p Galois representations over global fields. Manuscripta Mathematica, 2013, 140, 303-331.	0.6	3
12	Deformations of Galois Representations. , 2013, , 21-115.		9
13	On computing quaternion quotient graphs for function fields. Journal De Theorie Des Nombres De Bordeaux, 2012, 24, 73-99.	0.1	6
14	Cartier modules: Finiteness results. Journal Fur Die Reine Und Angewandte Mathematik, 2011, 2011, 85-123.	0.9	45
15	The Miller–Rabin test with randomized exponents. Journal of Mathematical Cryptology, 2009, 3, .	0.7	1
16	Deformations and the rigidity method. Journal of Algebra, 2008, 320, 3613-3658.	0.7	1
17	Uniformizable families of t-motives. Transactions of the American Mathematical Society, 2007, 359, 3933-3972.	0.9	8
18	Mod ℓ representations of arithmetic fundamental groups II: A conjecture of A. J. de Jong. Compositio Mathematica, 2006, 142, 271-294.	0.8	12

#	Article	IF	Citations
19	Mod â„" representations of arithmetic fundamental groups, I: An analog of Serre's conjecture for function fields. Duke Mathematical Journal, 2005, 129, 337.	1.5	17
20	Arithmetic over Function Fields: A Cohomological Approach. , 2005, , 1-38.		3
21	Lifting modp representations to characteristics p2. Journal of Number Theory, 2003, 101, 310-337.	0.4	4
22	Finiteness Conjectures for Fl[[T]]-Analytic Extensions of Number Fields. Journal of Number Theory, 2002, 96, 257-274.	0.4	1
23	Global L -functions over function fields. Mathematische Annalen, 2002, 323, 737-795.	1.4	17
24	DemuÅ¡kin Groups with Group Actions and Applications to Deformations of Galois Representations. Compositio Mathematica, 2000, 121, 109-154.	0.8	16
25	A local-to-global principle for deformations of Galois representations. Journal Fur Die Reine Und Angewandte Mathematik, 1999, 1999, 199-236.	0.9	23
26	The Prime-to-Adjoint Principle and Unobstructed Galois Deformations in the Borel Case. Journal of Number Theory, 1999, 78, 167-203.	0.4	0
27	Explicit Universal Deformations of Even Galois Representations. Mathematische Nachrichten, 1999, 206, 85-110.	0.8	9
28	The generic fiber of the universal deformation space associated to a tame Galois representation. Manuscripta Mathematica, 1998, 96, 231-246.	0.6	9