

# Kai-Uwe Schmidt

## List of Publications by Year in descending order

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32  
papers

441  
citations

840776

11  
h-index

752698

20  
g-index

33  
all docs

33  
docs citations

33  
times ranked

239  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quadratic and symmetric bilinear forms over finite fields and their association schemes. Algebraic Combinatorics, 2020, 3, 161-189.	0.3	3
2	Highly nonlinear functions over finite fields. Finite Fields and Their Applications, 2020, 63, 101640.	1.0	1
3	Low-degree planar polynomials over finite fields of characteristic two. Journal of Algebra, 2019, 535, 541-555.	0.7	7
4	Sequence Pairs With Asymptotically Optimal Aperiodic Correlation. IEEE Transactions on Information Theory, 2019, 65, 5233-5238.	2.4	1
5	Asymptotically optimal Boolean functions. Journal of Combinatorial Theory - Series A, 2019, 164, 50-59.	0.8	7
6	On the number of inequivalent Gabidulin codes. Designs, Codes, and Cryptography, 2018, 86, 1973-1982.	1.6	9
7	Hermitian rank distance codes. Designs, Codes, and Cryptography, 2018, 86, 1469-1481.	1.6	11
8	Merit factors of polynomials derived from difference sets. Journal of Combinatorial Theory - Series A, 2017, 145, 340-363.	0.8	9
9	Lq Norms of Fekete and Related Polynomials. Canadian Journal of Mathematics, 2017, 69, 807-825.	0.6	5
10	Barker sequences of odd length. Designs, Codes, and Cryptography, 2016, 80, 409-414.	1.6	6
11	Exceptional planar polynomials. Designs, Codes, and Cryptography, 2016, 78, 605-613.	1.6	9
12	Nonlinearity measures of random Boolean functions. Cryptography and Communications, 2016, 8, 637-645.	1.4	3
13	Sequences with small correlation. Designs, Codes, and Cryptography, 2016, 78, 237-267.	1.6	16
14	Symmetric bilinear forms over finite fields with applications to coding theory. Journal of Algebraic Combinatorics, 2015, 42, 635-670.	0.8	24
15	Three-Phase Barker Arrays. Journal of Combinatorial Designs, 2015, 23, 45-59.	0.6	1
16	Highly nonlinear functions. Designs, Codes, and Cryptography, 2015, 74, 665-672.	1.6	0
17	The peak sidelobe level of random binary sequences. Bulletin of the London Mathematical Society, 2014, 46, 643-652.	0.8	10
18	Planar functions over fields of characteristic two. Journal of Algebraic Combinatorics, 2014, 40, 503-526.	0.8	38

#	ARTICLE	IF	CITATIONS
19	Advances in the merit factor problem for binary sequences. Journal of Combinatorial Theory - Series A, 2013, 120, 882-906.	0.8	20
20	On a problem due to Littlewood concerning polynomials with unimodular coefficients. Journal of Fourier Analysis and Applications, 2013, 19, 457-466.	1.0	2
21	Binary Sequences With Small Peak Sidelobe Level. IEEE Transactions on Information Theory, 2012, 58, 2512-2515.	2.4	22
22	The $L_4$ norm of Littlewood polynomials derived from the Jacobi symbol. Pacific Journal of Mathematics, 2012, 257, 395-418.	0.5	3
23	Sequence Families With Low Correlation Derived From Multiplicative and Additive Characters. IEEE Transactions on Information Theory, 2011, 57, 2291-2294.	2.4	23
24	On the correlation distribution of Delsarte's Goethals sequences. Designs, Codes, and Cryptography, 2011, 59, 333-347.	1.6	3
25	The merit factor of binary arrays derived from the quadratic character. Advances in Mathematics of Communications, 2011, 5, 589-607.	0.7	1
26	Symmetric bilinear forms over finite fields of even characteristic. Journal of Combinatorial Theory - Series A, 2010, 117, 1011-1026.	0.8	18
27	Bounds on the PMEPR of Translates of Binary Codes. IEEE Communications Letters, 2010, 14, 1059-1061.	4.1	2
28	Quaternary Constant-Amplitude Codes for Multicode CDMA. IEEE Transactions on Information Theory, 2009, 55, 1824-1832.	2.4	54
29	$\mathbb{Z}_4$ -Valued Quadratic Forms and Quaternary Sequence Families. IEEE Transactions on Information Theory, 2009, 55, 5803-5810.	2.4	29
30	Two binary sequence families with large merit factor. Advances in Mathematics of Communications, 2009, 3, 135-156.	0.7	8
31	On the peak-to-mean envelope power ratio of phase-shifted binary codes. IEEE Transactions on Communications, 2008, 56, 1816-1823.	7.8	9
32	Complementary Sets, Generalized Reed-Muller Codes, and Power Control for OFDM. IEEE Transactions on Information Theory, 2007, 53, 808-814.	2.4	82