

Kai-Uwe Schmidt

List of Publications by Year in descending order

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papers

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840776

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docs citations

33
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Complementary Sets, Generalized Reed-Muller Codes, and Power Control for OFDM. IEEE Transactions on Information Theory, 2007, 53, 808-814.	2.4	82
2	Quaternary Constant-Amplitude Codes for Multicode CDMA. IEEE Transactions on Information Theory, 2009, 55, 1824-1832.	2.4	54
3	Planar functions over fields of characteristic two. Journal of Algebraic Combinatorics, 2014, 40, 503-526.	0.8	38
4	\mathbb{Z}_4 -Valued Quadratic Forms and Quaternary Sequence Families. IEEE Transactions on Information Theory, 2009, 55, 5803-5810.	2.4	29
5	Symmetric bilinear forms over finite fields with applications to coding theory. Journal of Algebraic Combinatorics, 2015, 42, 635-670.	0.8	24
6	Sequence Families With Low Correlation Derived From Multiplicative and Additive Characters. IEEE Transactions on Information Theory, 2011, 57, 2291-2294.	2.4	23
7	Binary Sequences With Small Peak Sidelobe Level. IEEE Transactions on Information Theory, 2012, 58, 2512-2515.	2.4	22
8	Advances in the merit factor problem for binary sequences. Journal of Combinatorial Theory - Series A, 2013, 120, 882-906.	0.8	20
9	Symmetric bilinear forms over finite fields of even characteristic. Journal of Combinatorial Theory - Series A, 2010, 117, 1011-1026.	0.8	18
10	Sequences with small correlation. Designs, Codes, and Cryptography, 2016, 78, 237-267.	1.6	16
11	Hermitian rank distance codes. Designs, Codes, and Cryptography, 2018, 86, 1469-1481.	1.6	11
12	The peak sidelobe level of random binary sequences. Bulletin of the London Mathematical Society, 2014, 46, 643-652.	0.8	10
13	On the peak-to-mean envelope power ratio of phase-shifted binary codes. IEEE Transactions on Communications, 2008, 56, 1816-1823.	7.8	9
14	Exceptional planar polynomials. Designs, Codes, and Cryptography, 2016, 78, 605-613.	1.6	9
15	Merit factors of polynomials derived from difference sets. Journal of Combinatorial Theory - Series A, 2017, 145, 340-363.	0.8	9
16	On the number of inequivalent Gabidulin codes. Designs, Codes, and Cryptography, 2018, 86, 1973-1982.	1.6	9
17	Two binary sequence families with large merit factor. Advances in Mathematics of Communications, 2009, 3, 135-156.	0.7	8
18	Low-degree planar polynomials over finite fields of characteristic two. Journal of Algebra, 2019, 535, 541-555.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Asymptotically optimal Boolean functions. <i>Journal of Combinatorial Theory - Series A</i> , 2019, 164, 50-59.	0.8	7
20	Barker sequences of odd length. <i>Designs, Codes, and Cryptography</i> , 2016, 80, 409-414.	1.6	6
21	Lq Norms of Fekete and Related Polynomials. <i>Canadian Journal of Mathematics</i> , 2017, 69, 807-825.	0.6	5
22	On the correlation distribution of Delsarte's Goethals sequences. <i>Designs, Codes, and Cryptography</i> , 2011, 59, 333-347.	1.6	3
23	Nonlinearity measures of random Boolean functions. <i>Cryptography and Communications</i> , 2016, 8, 637-645.	1.4	3
24	The L_4 norm of Littlewood polynomials derived from the Jacobi symbol. <i>Pacific Journal of Mathematics</i> , 2012, 257, 395-418.	0.5	3
25	Quadratic and symmetric bilinear forms over finite fields and their association schemes. <i>Algebraic Combinatorics</i> , 2020, 3, 161-189.	0.3	3
26	Bounds on the PMEPR of Translates of Binary Codes. <i>IEEE Communications Letters</i> , 2010, 14, 1059-1061.	4.1	2
27	On a problem due to Littlewood concerning polynomials with unimodular coefficients. <i>Journal of Fourier Analysis and Applications</i> , 2013, 19, 457-466.	1.0	2
28	Three-Phase Barker Arrays. <i>Journal of Combinatorial Designs</i> , 2015, 23, 45-59.	0.6	1
29	Sequence Pairs With Asymptotically Optimal Aperiodic Correlation. <i>IEEE Transactions on Information Theory</i> , 2019, 65, 5233-5238.	2.4	1
30	The merit factor of binary arrays derived from the quadratic character. <i>Advances in Mathematics of Communications</i> , 2011, 5, 589-607.	0.7	1
31	Highly nonlinear functions over finite fields. <i>Finite Fields and Their Applications</i> , 2020, 63, 101640.	1.0	1
32	Highly nonlinear functions. <i>Designs, Codes, and Cryptography</i> , 2015, 74, 665-672.	1.6	0