Arthur G Werschulz

List of Publications by Year
in descending order

25 papers	127 citations	1307594 7 h-index	1281871 11 g-index
25 all docs	25 docs citations	25 times ranked	30 citing authors

#	ARTICLE	IF	CITATIONS
1	Tractability of Approximation for Some Weighted Spaces of Hybrid Smoothness. , 2018, , 1215-1242.		0
2	Tractability of Multivariate Approximation overÂaÂWeighted Unanchored Sobolev Space. Constructive Approximation, 2009, 30, 395-421.	3.0	13
3	A note on the complexity and tractability of the heat equation. Journal of Complexity, 2007, 23, 553-559.	1.3	0
4	Surface Approximation Is Sometimes Easier than Surface Integration. Constructive Approximation, 2004, 20, 267-302.	3.0	1
5	Where does smoothness count the most for Fredholm equations of the second kind with noisy information?. Journal of Complexity, 2003, 19, 758-798.	1.3	10
6	Where Does Smoothness Count the Most for Two-Point Boundary-Value Problems?. Journal of Complexity, 1999, 15, 360-384.	1.3	2
7	The Complexity of Indefinite Elliptic Problems with Noisy Data. Journal of Complexity, 1997, 13, 457-479.	1.3	9
8	The Complexity of Definite Elliptic Problems with Noisy Data. Journal of Complexity, 1996, 12, 440-473.	1.3	15
9	Optimal residual algorithms for linear operator equations. Journal of Complexity, 1991, 7, 150-173.	1.3	2
10	On the average case solvability of Ill-posed problems. Journal of Complexity, 1991, 7, 220-224.	1.3	6
11	Ill-Posed Problems in Various Settings: An Information-Based Survey. , 1990, , .		0
12	Optimal algorithms for a problem of optimal control. Journal of Complexity, 1989, 5, 144-181.	1.3	1
13	Average case complexity of elliptic partial differential equations. Journal of Complexity, 1989, 5, 306-330.	1.3	0
14	What is the complexity of ill-posed problems?. Numerical Functional Analysis and Optimization, 1987, 9, 945-967.	1.4	15
15	Finite element methods are not always optimal. Advances in Applied Mathematics, 1987, 8, 354-375.	0.7	7
16	Are linear algorithms always good for linear problems?. Aequationes Mathematicae, 1986, 31, 202-212.	0.8	13
17	Complexity of indefinite elliptic problems. Mathematics of Computation, 1986, 46, 457-477.	2.1	5
18	What is the complexity of related elliptic, parabolic, and hyperbolic problems?. Mathematics of Computation, 1986, 47, 461-461.	2.1	2

#	Article	IF	Citations
19	Complexity of differential and integral equations. Journal of Complexity, 1985, 1, 232-255.	1.3	11
20	What is the complexity of elliptic systems?. Journal of Approximation Theory, 1985, 45, 69-84.	0.8	4
21	Counterexamples in optimal quadrature. Aequationes Mathematicae, 1985, 29, 183-203.	0.8	2
22	Optimal error properties of finite element methods for second order elliptic Dirichlet problems. Mathematics of Computation, 1982, 38, 401-401.	2.1	5
23	On maximal order for local and global numerical problems. Journal of Computer and System Sciences, 1981, 23, 38-48.	1.2	0
24	Maximal Order and Order of Information for Numerical Quadrature. Journal of the ACM, 1979, 26, 527-537.	2.2	3
25	Optimal order for approximation of derivatives. Journal of Computer and System Sciences, 1979, 18, 213-217.	1.2	1