

# Ian H Sloan

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

250  
papers

6,891  
citations

47  
h-index

70  
g-index

262  
ext. papers

7,400  
ext. citations

1.9  
avg, IF

6.06  
L-index

#	Paper	IF	Citations
250	When Are Quasi-Monte Carlo Algorithms Efficient for High Dimensional Integrals?. <i>Journal of Complexity</i> , <b>1998</b> , 14, 1-33	1.2	382
249	High-dimensional integration: The quasi-Monte Carlo way* $\square$ <i>Acta Numerica</i> , <b>2013</b> , 22, 133-288	15.1	290
248	Quasi-Monte Carlo Finite Element Methods for a Class of Elliptic Partial Differential Equations with Random Coefficients. <i>SIAM Journal on Numerical Analysis</i> , <b>2012</b> , 50, 3351-3374	2.4	137
247	Nonsmooth data error estimates for approximations of an evolution equation with a positive-type memory term. <i>Mathematics of Computation</i> , <b>1996</b> , 65, 1-18	1.6	134
246	Extremal Systems of Points and Numerical Integration on the Sphere. <i>Advances in Computational Mathematics</i> , <b>2004</b> , 21, 107-125	1.6	130
245	Theory of neutron-deuteron break-up at 14.4 MeV. <i>Nuclear Physics A</i> , <b>1971</b> , 165, 161-179	1.3	122
244	A new collocation-type method for Hammerstein integral equations. <i>Mathematics of Computation</i> , <b>1987</b> , 48, 585-585	1.6	116
243	Superconvergence in Finite Element Methods and Meshes That are Locally Symmetric with Respect to a Point. <i>SIAM Journal on Numerical Analysis</i> , <b>1996</b> , 33, 505-521	2.4	104
242	Quasi-Monte Carlo methods for elliptic PDEs with random coefficients and applications. <i>Journal of Computational Physics</i> , <b>2011</b> , 230, 3668-3694	4.1	98
241	Time Discretization of an Integro-Differential Equation of Parabolic Type. <i>SIAM Journal on Numerical Analysis</i> , <b>1986</b> , 23, 1052-1061	2.4	98
240	Lattice Methods for Multiple Integration: Theory, Error Analysis and Examples. <i>SIAM Journal on Numerical Analysis</i> , <b>1987</b> , 24, 116-128	2.4	94
239	Polynomial Interpolation and Hyperinterpolation over General Regions. <i>Journal of Approximation Theory</i> , <b>1995</b> , 83, 238-254	0.9	91
238	Constructing Randomly Shifted Lattice Rules in Weighted Sobolev Spaces. <i>SIAM Journal on Numerical Analysis</i> , <b>2002</b> , 40, 1650-1665	2.4	90
237	Piecewise Continuous Collocation for Integral Equations. <i>SIAM Journal on Numerical Analysis</i> , <b>1983</b> , 20, 172-186	2.4	89
236	Multiple-Scattering Analysis on a Soluble Neutron-Deuteron Model. <i>Physical Review</i> , <b>1969</b> , 185, 1361-1370		89
235	Tractability of Multivariate Integration for Weighted Korobov Classes. <i>Journal of Complexity</i> , <b>2001</b> , 17, 697-721	1.2	87
234	Improvement by iteration for compact operator equations. <i>Mathematics of Computation</i> , <b>1976</b> , 30, 758-758		82

233	The Galerkin Method for Integral Equations of the First Kind with Logarithmic Kernel: Theory. <i>IMA Journal of Numerical Analysis</i> , <b>1988</b> , 8, 105-122	1.8	81
232	On decompositions of multivariate functions. <i>Mathematics of Computation</i> , <b>2009</b> , 79, 953-966	1.6	77
231	Component-by-component construction of good lattice rules. <i>Mathematics of Computation</i> , <b>2001</b> , 71, 263-274	1.6	77
230	A parallel method for time discretization of parabolic equations based on Laplace transformation and quadrature. <i>IMA Journal of Numerical Analysis</i> , <b>2003</b> , 23, 269-299	1.8	76
229	Quasi-Monte Carlo finite element methods for elliptic PDEs with lognormal random coefficients. <i>Numerische Mathematik</i> , <b>2015</b> , 131, 329-368	2.2	72
228	Constructive Polynomial Approximation on the Sphere. <i>Journal of Approximation Theory</i> , <b>2000</b> , 103, 91-108	1.8	72
227	Separable expansion of the t matrix with analytic form factors. <i>Physical Review C</i> , <b>1975</b> , 11, 1133-1140	2.7	71
226	Properties of Interpolatory Product Integration Rules. <i>SIAM Journal on Numerical Analysis</i> , <b>1982</b> , 19, 427-442	2.2	70
225	Good Lattice Rules in Weighted Korobov Spaces with General Weights. <i>Numerische Mathematik</i> , <b>2006</b> , 103, 63-97	2.2	69
224	Multi-level Quasi-Monte Carlo Finite Element Methods for a Class of Elliptic PDEs with Random Coefficients. <i>Foundations of Computational Mathematics</i> , <b>2015</b> , 15, 411-449	2.7	66
223	Fully discrete spectral boundary integral methods for Helmholtz problems on smooth closed surfaces in $\mathbb{R}^3$ . <i>Numerische Mathematik</i> , <b>2002</b> , 92, 289-323	2.2	65
222	Product-integration with the Clenshaw-Curtis and related points. <i>Numerische Mathematik</i> , <b>1978</b> , 30, 415-428	2.2	65
221	Why Are High-Dimensional Finance Problems Often of Low Effective Dimension?. <i>SIAM Journal of Scientific Computing</i> , <b>2005</b> , 27, 159-183	2.6	62
220	How good can polynomial interpolation on the sphere be?. <i>Advances in Computational Mathematics</i> , <b>2001</b> , 14, 195-226	1.6	62
219	On the step-by-step construction of quasi-Monte Carlo integration rules that achieve strong tractability error bounds in weighted Sobolev spaces. <i>Mathematics of Computation</i> , <b>2002</b> , 71, 1609-1641	1.6	61
218	On the numerical solution of a logarithmic integral equation of the first kind for the Helmholtz equation. <i>Numerische Mathematik</i> , <b>1993</b> , 66, 199-214	2.2	60
217	A quadrature-based approach to improving the collocation method. <i>Numerische Mathematik</i> , <b>1988</b> , 54, 41-56	2.2	60
216	Phase parameters for nucleon-deuteron scattering. <i>Nuclear Physics A</i> , <b>1971</b> , 168, 211-224	1.3	59

215	A parallel method for time-discretization of parabolic problems based on contour integral representation and quadrature. <i>Mathematics of Computation</i> , <b>1999</b> , 69, 177-196	1.6	57
214	Equations for Four-Particle Scattering. <i>Physical Review C</i> , <b>1972</b> , 6, 1945-1955	2.7	57
213	Error analysis of boundary integral methods. <i>Acta Numerica</i> , <b>1992</b> , 1, 287-339	15.1	56
212	Approximation Method for Three-Body Collisions. <i>Physical Review</i> , <b>1968</b> , 165, 1587-1594		55
211	Liberating the weights. <i>Journal of Complexity</i> , <b>2004</b> , 20, 593-623	1.2	54
210	Product integration with the Clenshaw-Curtis points: Implementation and error estimates. <i>Numerische Mathematik</i> , <b>1980</b> , 34, 387-401	2.2	53
209	Separable operator expansions for the t-matrix. <i>Nuclear Physics A</i> , <b>1975</b> , 241, 429-442	1.3	53
208	Liberating the dimension. <i>Journal of Complexity</i> , <b>2010</b> , 26, 422-454	1.2	52
207	Spline quallocation methods for boundary integral equations. <i>Numerische Mathematik</i> , <b>1990</b> , 58, 537-567	2.2	52
206	Finite-order weights imply tractability of multivariate integration. <i>Journal of Complexity</i> , <b>2004</b> , 20, 46-74	1.2	51
205	Lattice methods for multiple integration. <i>Journal of Computational and Applied Mathematics</i> , <b>1985</b> , 12-13, 131-143	2.4	49
204	QMC designs: Optimal order Quasi Monte Carlo integration schemes on the sphere. <i>Mathematics of Computation</i> , <b>2014</b> , 83, 2821-2851	1.6	47
203	QUASI-MONTE CARLO METHODS FOR HIGH-DIMENSIONAL INTEGRATION: THE STANDARD (WEIGHTED HILBERT SPACE) SETTING AND BEYOND. <i>ANZIAM Journal</i> , <b>2011</b> , 53, 1-37	0.5	46
202	Iterated Galerkin Method for Eigenvalue Problems. <i>SIAM Journal on Numerical Analysis</i> , <b>1976</b> , 13, 753-760	1.4	46
201	Multiscale Analysis in Sobolev Spaces on the Sphere. <i>SIAM Journal on Numerical Analysis</i> , <b>2010</b> , 48, 2065-2090	2.4	45
200	Integral equation approach to electron-hydrogen collisions. <i>Journal of Physics B: Atomic and Molecular Physics</i> , <b>1968</b> , 1, 414-422		45
199	Low discrepancy sequences in high dimensions: How well are their projections distributed?. <i>Journal of Computational and Applied Mathematics</i> , <b>2008</b> , 213, 366-386	2.4	44
198	Quasi-Monte Carlo Methods in Financial Engineering: An Equivalence Principle and Dimension Reduction. <i>Operations Research</i> , <b>2011</b> , 59, 80-95	2.3	43

197	Construction algorithms for polynomial lattice rules for multivariate integration. <i>Mathematics of Computation</i> , <b>2005</b> , 74, 1895-1922	1.6	43
196	The numerical solution of first-kind logarithmic-kernel integral equations on smooth open arcs. <i>Mathematics of Computation</i> , <b>1991</b> , 56, 119-119	1.6	43
195	Vector and tensor polarizations in nucleon-deuteron scattering. <i>Nuclear Physics A</i> , <b>1972</b> , 182, 369-384	1.3	40
194	Multilevel Quasi-Monte Carlo methods for lognormal diffusion problems. <i>Mathematics of Computation</i> , <b>2017</b> , 86, 2827-2860	1.6	39
193	Product-Integration Rules Based on the Zeros of Jacobi Polynomials. <i>SIAM Journal on Numerical Analysis</i> , <b>1980</b> , 17, 1-13	2.4	37
192	Time discretization via Laplace transformation of an integro-differential equation of parabolic type. <i>Numerische Mathematik</i> , <b>2006</b> , 102, 497-522	2.2	35
191	Extrapolation of the Iterated Collocation Method for Integral Equations of the Second Kind. <i>SIAM Journal on Numerical Analysis</i> , <b>1990</b> , 27, 1535-1541	2.4	35
190	Cubature over the sphere. <i>Journal of Approximation Theory</i> , <b>2006</b> , 141, 118-133	0.9	34
189	Quadrature methods for logarithmic-kernel integral equations on closed curves. <i>IMA Journal of Numerical Analysis</i> , <b>1992</b> , 12, 167-187	1.8	34
188	Numerical Solution of the Generalized Airfoil Equation for an Airfoil with a Flap. <i>SIAM Journal on Numerical Analysis</i> , <b>1997</b> , 34, 2288-2305	2.4	33
187	The ionization of neutral helium by electron impact. <i>Proceedings of the Physical Society</i> , <b>1965</b> , 85, 435-442		33
186	Tractability of Approximation for Weighted Korobov Spaces on Classical and Quantum Computers. <i>Foundations of Computational Mathematics</i> , <b>2004</b> , 4, 121-156	2.7	32
185	On tractability of weighted integration over bounded and unbounded regions in $\mathbb{R}^s$ . <i>Mathematics of Computation</i> , <b>2004</b> , 73, 1885-1902	1.6	31
184	The representation of lattice quadrature rules as multiple sums. <i>Mathematics of Computation</i> , <b>1989</b> , 52, 81-81	1.6	31
183	Numerical Integration on the Sphere <b>2010</b> , 1185-1219		30
182	A variational characterisation of spherical designs. <i>Journal of Approximation Theory</i> , <b>2009</b> , 159, 308-318	0.9	30
181	Lattice rule algorithms for multivariate approximation in the average case setting. <i>Journal of Complexity</i> , <b>2008</b> , 24, 283-323	1.2	29
180	Mesh Grading for Integral Equations of the First Kind with Logarithmic Kernel. <i>SIAM Journal on Numerical Analysis</i> , <b>1989</b> , 26, 574-587	2.4	29

179	Analysis of general quadrature methods for integral equations of the second kind. <i>Numerische Mathematik</i> , <b>1981</b> , 38, 263-278	2.2	29
178	Variational Approach to the On- and Off-Shell TMatrix. <i>Physical Review C</i> , <b>1972</b> , 6, 701-709	2.7	29
177	The smoothing effect of the ANOVA decomposition. <i>Journal of Complexity</i> , <b>2010</b> , 26, 523-551	1.2	28
176	Product Integration in the Presence of a Singularity. <i>SIAM Journal on Numerical Analysis</i> , <b>1984</b> , 21, 149-166	1.6	28
175	A new approach to the numerical solution of integral equations. <i>Journal of Computational Physics</i> , <b>1975</b> , 18, 92-105	4.1	28
174	Multiscale RBF collocation for solving PDEs on spheres. <i>Numerische Mathematik</i> , <b>2012</b> , 121, 99-125	2.2	27
173	Four Variants of the Galerkin Method for Integral Equations of the Second Kind. <i>IMA Journal of Numerical Analysis</i> , <b>1984</b> , 4, 9-17	1.8	27
172	Error analysis for a class of degenerate-kernel methods. <i>Numerische Mathematik</i> , <b>1975</b> , 25, 231-238	2.2	27
171	Quasi-Monte Carlo for finance applications. <i>ANZIAM Journal</i> , 50, 308		27
170	The smoothing effect of integration in $\mathbb{R}^d$ and the ANOVA decomposition. <i>Mathematics of Computation</i> , <b>2012</b> , 82, 383-400	1.6	26
169	Filtered hyperinterpolation: a constructive polynomial approximation on the sphere. <i>GEM - International Journal on Geomathematics</i> , <b>2012</b> , 3, 95-117	2.7	26
168	On the numerical evaluation of singular integrals. <i>BIT Numerical Mathematics</i> , <b>1978</b> , 18, 91-102	1.7	26
167	A Quadrature-Based Approach to Improving the Collocation Method for Splines of Even Degree. <i>Zeitschrift Fur Analysis Und Ihre Anwendung</i> , <b>1989</b> , 8, 361-376	0.8	26
166	Randomly shifted lattice rules with the optimal rate of convergence for unbounded integrands. <i>Journal of Complexity</i> , <b>2010</b> , 26, 135-160	1.2	25
165	Optimal lower bounds for cubature error on the sphere $S^2$ . <i>Journal of Complexity</i> , <b>2005</b> , 21, 790-803	1.2	25
164	Quadrature methods for integral equations of the second kind over infinite intervals. <i>Mathematics of Computation</i> , <b>1981</b> , 36, 511-511	1.6	25
163	Minimal cubature formulae of trigonometric degree. <i>Mathematics of Computation</i> , <b>1996</b> , 65, 1583-1601	1.6	24
162	Projection Methods for Integral Equations on the Half-Line. <i>IMA Journal of Numerical Analysis</i> , <b>1986</b> , 6, 153-172	1.8	24

161	Analysis of Circulant Embedding Methods for Sampling Stationary Random Fields. <i>SIAM Journal on Numerical Analysis</i> , <b>2018</b> , 56, 1871-1895	2.4	23
160	Worst-case errors in a Sobolev space setting for cubature over the sphere $S^2$ . <i>Bulletin of the Australian Mathematical Society</i> , <b>2005</b> , 71, 81-105	0.4	23
159	Imbedded Lattice Rules for Multidimensional Integration. <i>SIAM Journal on Numerical Analysis</i> , <b>1992</b> , 29, 1119-1135	2.4	23
158	Method for Lippmann-Schwinger equations. <i>Nuclear Physics A</i> , <b>1974</b> , 235, 352-360	1.3	23
157	Tractability of Integration in Non-periodic and Periodic Weighted Tensor Product Hilbert Spaces. <i>Journal of Complexity</i> , <b>2002</b> , 18, 479-499	1.2	22
156	Separable expansions and perturbation theory for three-body collisions. <i>Nuclear Physics A</i> , <b>1972</b> , 182, 549-557	1.3	22
155	Well Conditioned Spherical Designs for Integration and Interpolation on the Two-Sphere. <i>SIAM Journal on Numerical Analysis</i> , <b>2010</b> , 48, 2135-2157	2.4	21
154	On choosing the points in product integration. <i>Journal of Mathematical Physics</i> , <b>1980</b> , 21, 1032-1039	1.2	21
153	Sturmian Expansion of the Coulomb t Matrix. <i>Physical Review A</i> , <b>1973</b> , 7, 1016-1023	2.6	21
152	Multiscale approximation for functions in arbitrary Sobolev spaces by scaled radial basis functions on the unit sphere. <i>Applied and Computational Harmonic Analysis</i> , <b>2012</b> , 32, 401-412	3.1	20
151	An intractability result for multiple integration. <i>Mathematics of Computation</i> , <b>1997</b> , 66, 1119-1125	1.6	20
150	Quadrature in Besov spaces on the Euclidean sphere. <i>Journal of Complexity</i> , <b>2007</b> , 23, 528-552	1.2	20
149	Optimal order spline methods for nonlinear differential and integro-differential equations. <i>Applied Numerical Mathematics</i> , <b>1999</b> , 29, 445-478	2.5	20
148	Lattice Integration Rules of Maximal Rank Formed by Copying Rank 1 Rules. <i>SIAM Journal on Numerical Analysis</i> , <b>1992</b> , 29, 566-577	2.4	20
147	Superconvergence <b>1990</b> , 35-70		20
146	Quasi-Monte Carlo for Highly Structured Generalised Response Models. <i>Methodology and Computing in Applied Probability</i> , <b>2008</b> , 10, 239-275	0.6	19
145	Qualocation methods for elliptic boundary integral equations. <i>Numerische Mathematik</i> , <b>1998</b> , 79, 451-483.2		18
144	Error bounds for the method of good lattice points. <i>Mathematics of Computation</i> , <b>1991</b> , 56, 257-257	1.6	18

143	Numerical solutions of integral equations on the half line. <i>Numerische Mathematik</i> , <b>1987</b> , 51, 599-614	2.2	18
142	Wendland functions with increasing smoothness converge to a Gaussian. <i>Advances in Computational Mathematics</i> , <b>2014</b> , 40, 185-200	1.6	17
141	Properties of certain trigonometric series arising in numerical analysis. <i>Journal of Mathematical Analysis and Applications</i> , <b>1991</b> , 162, 371-380	1.1	17
140	The Galerkin Method for Integral Equations of the First Kind with Logarithmic Kernel: Applications. <i>IMA Journal of Numerical Analysis</i> , <b>1988</b> , 8, 123-140	1.8	17
139	Projection methods for equations of the second kind. <i>Journal of Mathematical Analysis and Applications</i> , <b>1979</b> , 69, 84-103	1.1	17
138	Neutron-deuteron scattering with soft-core. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1970</b> , 31, 353-354	4.2	17
137	Fast random field generation with H-matrices. <i>Numerische Mathematik</i> , <b>2018</b> , 140, 639-676	2.2	16
136	Quasi-Monte Carlo methods can be efficient for integration over products of spheres. <i>Journal of Complexity</i> , <b>2005</b> , 21, 196-210	1.2	16
135	Collocation with Chebyshev polynomials for Symm's integral equation on an interval <b>1992</b> , 34, 199-211		16
134	Separable expansion of the t-matrix in the 3S1-3D1 channel. <i>Nuclear Physics A</i> , <b>1975</b> , 251, 297-304	1.3	16
133	An Unconventional Quadrature Method for Logarithmic-Kernel Integral Equations Equations on Closed Curves. <i>Journal of Integral Equations and Applications</i> , <b>1992</b> , 4,	1.2	16
132	Covering of spheres by spherical caps and worst-case error for equal weight cubature in Sobolev spaces. <i>Journal of Mathematical Analysis and Applications</i> , <b>2015</b> , 431, 782-811	1.1	15
131	Regularized Least Squares Approximations on the Sphere Using Spherical Designs. <i>SIAM Journal on Numerical Analysis</i> , <b>2012</b> , 50, 1513-1534	2.4	15
130	Boundary integral equations on the sphere with radial basis functions: error analysis. <i>Applied Numerical Mathematics</i> , <b>2009</b> , 59, 2857-2871	2.5	15
129	Brownian bridge and principal component analysis: towards removing the curse of dimensionality. <i>IMA Journal of Numerical Analysis</i> , <b>2007</b> , 27, 631-654	1.8	15
128	A Computer Search of Rank-2 Lattice Rules for Multidimensional Quadrature. <i>Mathematics of Computation</i> , <b>1990</b> , 54, 281	1.6	15
127	Tensor force in the separable potential model of neutron-deuteron collisions. <i>Nuclear Physics A</i> , <b>1969</b> , 139, 337-352	1.3	15
126	Approximation on the sphere using radial basis functions plus polynomials. <i>Advances in Computational Mathematics</i> , <b>2008</b> , 29, 147-177	1.6	14



125	On the compactness of certain integral operators. <i>Journal of Mathematical Analysis and Applications</i> , <b>1979</b> , 68, 580-594	1.1	14
124	Polynomial approximation on spheres - generalizing de la Vallée-Poussin. <i>Computational Methods in Applied Mathematics</i> , <b>2011</b> , 11, 540-552	1.2	14
123	Circulant embedding with QMC: analysis for elliptic PDE with lognormal coefficients. <i>Numerische Mathematik</i> , <b>2018</b> , 140, 479-511	2.2	13
122	Efficient Weighted Lattice Rules with Applications to Finance. <i>SIAM Journal of Scientific Computing</i> , <b>2006</b> , 28, 728-750	2.6	13
121	On Korobov Lattice Rules in Weighted Spaces. <i>SIAM Journal on Numerical Analysis</i> , <b>2004</b> , 42, 1760-1779	2.4	13
120	Qualocation. <i>Journal of Computational and Applied Mathematics</i> , <b>2000</b> , 125, 461-478	2.4	13
119	Implementation of a lattice method for numerical multiple integration. <i>ACM Transactions on Mathematical Software</i> , <b>1993</b> , 19, 523-545	2.3	13
118	Nonpolynomial interpolation. <i>Journal of Approximation Theory</i> , <b>1983</b> , 39, 97-117	0.9	13
117	Neutron-deuteron breakup models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1970</b> , 33, 195-196	4.2	13
116	Vector and tensor polarizations in nucleon-deuteron scattering (II). <i>Nuclear Physics A</i> , <b>1972</b> , 198, 321-342	1.3	13
115	Variational method for off-shell three- body amplitudes. <i>Physical Review C</i> , <b>1974</b> , 9, 4-15	2.7	13
114	A Sinc Quadrature Method for the Double-Layer Integral Equation in Planar Domains with Corners. <i>Journal of Integral Equations and Applications</i> , <b>1998</b> , 10,	1.2	13
113	Lattice Rules for Multivariate Approximation in the Worst Case Setting <b>2006</b> , 289-330		13
112	Fully discrete needlet approximation on the sphere. <i>Applied and Computational Harmonic Analysis</i> , <b>2017</b> , 43, 292-316	3.1	12
111	Tractability of Tensor Product Linear Operators. <i>Journal of Complexity</i> , <b>1997</b> , 13, 387-418	1.2	12
110	Lattice-Nystrom method for Fredholm integral equations of the second kind with convolution type kernels. <i>Journal of Complexity</i> , <b>2007</b> , 23, 752-772	1.2	12
109	The uniform norm of hyperinterpolation on the unit sphere in an arbitrary number of dimensions. <i>Constructive Approximation</i> , <b>2001</b> , 17, 249-265	1.6	12
108	Spline qualocation methods for variable-coefficient elliptic equations on curves. <i>Numerische Mathematik</i> , <b>1999</b> , 83, 497-533	2.2	12

107	A fourth-order cubic spline method for linear second-order two-point boundary-value problems. <i>IMA Journal of Numerical Analysis</i> , <b>1993</b> , 13, 591-607	1.8	12
106	The finite-section approximation for integral equations on the half-line <b>1987</b> , 28, 415-434		12
105	On strong tractability of weighted multivariate integration. <i>Mathematics of Computation</i> , <b>2004</b> , 73, 1903-1912	1.9	11
104	Numerical solutions of integral equations on the half line II. <i>Journal of Integral Equations and Applications</i> , <b>1988</b> , 1, 203	1.2	11
103	Levinson's theorem and S-wave neutron-deuteron scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1971</b> , 34, 243-244	4.2	11
102	High dimensional integration of kinks and jumps smoothing by preintegration. <i>Journal of Computational and Applied Mathematics</i> , <b>2018</b> , 344, 259-274	2.4	11
101	Preconditioners for pseudodifferential equations on the sphere with radial basis functions. <i>Numerische Mathematik</i> , <b>2010</b> , 115, 141-163	2.2	10
100	Periodization strategy may fail in high dimensions. <i>Numerical Algorithms</i> , <b>2007</b> , 46, 369-391	2.1	10
99	Local error bounds for post-processed finite element calculations. <i>International Journal for Numerical Methods in Engineering</i> , <b>1999</b> , 45, 1085-1098	2.4	10
98	Quadrature method for singular integral equations on closed curves. <i>Numerische Mathematik</i> , <b>1992</b> , 61, 543-559	2.2	10
97	On Tractability of Weighted Integration for Certain Banach Spaces of Functions <b>2004</b> , 51-71		10
96	Infinite-dimensional integration and the multivariate decomposition method. <i>Journal of Computational and Applied Mathematics</i> , <b>2017</b> , 326, 217-234	2.4	9
95	Lattice rules for multiple integration and discrepancy. <i>Mathematics of Computation</i> , <b>1990</b> , 54, 303-303	1.6	9
94	The n-d initial-state interaction in n-d break-up. <i>Nuclear Physics A</i> , <b>1972</b> , 194, 589-598	1.3	9
93	A Review of Numerical Methods for Fredholm Equations of the Second Kind <b>1980</b> , 51-74		9
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