Zydrunas Gimbutas

List of Publications by Year
in descending order

13	638	840776 11	1125743 13
papers	citations	h-index	g-index

14	14	14	449
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A standard system phantom for magnetic resonance imaging. Magnetic Resonance in Medicine, 2021, 86, 1194-1211.	3.0	44
2	Multi-site, multi-platform comparison of MRI T1 measurement using the system phantom. PLoS ONE, 2021, 16, e0252966.	2.5	20
3	A fast simple algorithm for computing the potential of charges on a line. Applied and Computational Harmonic Analysis, 2020, 49, 815-830.	2.2	7
4	Assessing effects of scanner upgrades for clinical studies. Journal of Magnetic Resonance Imaging, 2019, 50, 1948-1954.	3.4	17
5	The Decoupled Potential Integral Equation for Timeâ€Harmonic Electromagnetic Scattering. Communications on Pure and Applied Mathematics, 2016, 69, 771-812.	3.1	60
6	Computational Software: Simple FMM Libraries for Electrostatics, Slow Viscous Flow, and Frequency-Domain Wave Propagation. Communications in Computational Physics, 2015, 18, 516-528.	1.7	30
7	Boundary integral equation analysis on the sphere. Numerische Mathematik, 2014, 128, 463-487.	1.9	22
8	Overcoming Low-Frequency Breakdown of the Magnetic Field Integral Equation. IEEE Transactions on Antennas and Propagation, 2013, 61, 1285-1290.	5.1	28
9	On the numerical evaluation of the singular integrals of scattering theory. Journal of Computational Physics, 2013, 251, 327-343.	3.8	22
10	A Consistency Condition for the Vector Potential in Multiply-Connected Domains. IEEE Transactions on Magnetics, 2013, 49, 1072-1076.	2.1	10
11	A NystrÃ¶m method for weakly singular integral operators on surfaces. Journal of Computational Physics, 2012, 231, 4885-4903.	3.8	48
12	A Nonlinear Optimization Procedure for Generalized Gaussian Quadratures. SIAM Journal of Scientific Computing, 2010, 32, 1761-1788.	2.8	79
13	A wideband fast multipole method for the Helmholtz equation in three dimensions. Journal of Computational Physics, 2006, 216, 300-325.	3.8	242