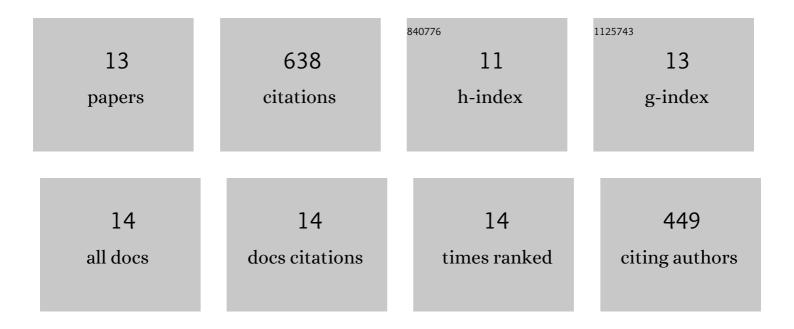
## Zydrunas Gimbutas

List of Publications by Year in descending order

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