Weiwei Li

List of Publications by Year
in descending order

14 papers	**217** citations	1040056 **9** h-index	1125743 **13** g-index
14 all docs	**14** docs citations	**14** times ranked	**215** citing authors

#	Article	IF	Citations
1	2.7 Î¼m emission of high thermally and chemically durable glasses based on AlF3. Scientific Reports, 2014, 4, 3607.	3.3	53
2	A fast singular boundary method for 3D Helmholtz equation. Computers and Mathematics With Applications, 2019, 77, 525-535.	2.7	28
3	Precorrected-FFT Accelerated Singular Boundary Method for Large-Scale Three-Dimensional Potential Problems. Communications in Computational Physics, 2017, 22, 460-472.	1.7	24
4	Band gap calculations of photonic crystals by singular boundary method. Journal of Computational and Applied Mathematics, 2017, 315, 273-286.	2.0	19
5	Localized method of fundamental solutions for 2D harmonic elastic wave problems. Applied Mathematics Letters, 2021, 112, 106759.	2.7	19
6	Miscibilityâ€Controlled Phase Separation in Doubleâ€Cable Conjugated Polymers for Singleâ€Component Organic Solar Cells with Efficiencies over 8â€‰%. Angewandte Chemie, 2020, 132, 21867-21876.	2.0	18
7	Singular boundary method for acoustic eigenanalysis. Computers and Mathematics With Applications, 2016, 72, 663-674.	2.7	11
8	Crystalline Cooperativity of Donor and Acceptor Segments in Doubleâ€Cable Conjugated Polymers toward Efficient Singleâ€Component Organic Solar Cells. Angewandte Chemie, 2019, 131, 15678-15686.	2.0	11
9	Precorrected-FFT Accelerated Singular Boundary Method for High-Frequency Acoustic Radiation and Scattering. Mathematics, 2022, 10, 238.	2.2	11
10	Study on adjoint-based optimization method for multi-stage turbomachinery. Journal of Thermal Science, 2011, 20, 398-405.	1.9	8
11	Simulation of two-dimensional steady-state heat conduction problems by a fast singular boundary method. Engineering Analysis With Boundary Elements, 2019, 108, 149-157.	3.7	6
12	Simulation of the band structure for scalar waves in 2D phononic crystals by the singular boundary method. Engineering Analysis With Boundary Elements, 2019, 101, 17-26.	3.7	6
13	A fast direct singular boundary method for three-dimensional potential problems. Engineering Analysis With Boundary Elements, 2022, 139, 132-136.	3.7	2
14	The Trinity Teaching Mode of Wisdom Tree, Tencent Classroom and QQ Groupâ€"Online Teaching Practice. , 2020, , .		1