

# Devarajan Thirumalai

## List of Publications by Year in descending order

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9  
papers

678  
citations

1162367

8  
h-index

1372195

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quasifree-scattering model for the imaginary part of the optical potential for electron scattering. Physical Review A, 1983, 28, 2740-2751.	1.0	247
2	An iterative scheme for the evaluation of discretized path integrals. Journal of Chemical Physics, 1983, 79, 5063-5069.	1.2	184
3	Journal of Chemical Physics, 1983, 79, 5029-5033.	1.2	141
4	Energy-dependent polarization potential, dispersion-relation absorption potential, and matrix effective potential for electron-neon scattering at 10 $\hat{a}$ €” 100 eV. Physical Review A, 1982, 26, 793-807.	1.0	25
5	Localized second-order optical potential for electron scattering in terms of imaginary-frequency susceptibilities. Physical Review A, 1982, 25, 3003-3014.	1.0	22
6	Polarization and absorption effects in electron-helium scattering at 30-400 eV. Physical Review A, 1982, 25, 2946-2958.	1.0	21
7	Application of the matrix-effective-potential formalism to electron-neon scattering at 150 - 700-eV impact energy and comparison to optical-potential calculations. Physical Review A, 1982, 25, 3058-3071.	1.0	21
8	Tests of the semiclassical polarization approximation for electron scattering by helium and neon. Physical Review A, 1983, 27, 158-166.	1.0	8
9	Accurate, smooth, local, energy-dependent optical potentials for electron scattering. Physical Review A, 1983, 28, 3258-3267.	1.0	6