

LIST OF PUBLICATIONS

José M. Carcione

February 19, 2025

1 Peer-reviewed publications

LINK: <http://www.lucabaradello.it/carcione/pubs.html>

1. Abecasis, S. M., and Carcione, J. M., 1979, Application of the classical semimicroscopic model to doubly even titanium isotopes, *Phys. Rev. C*, **19**, 1535-1543.
2. Carcione, J. M., 1984, Hacia una visión global del problema energético, Energía 2001, February issue, 20-25.
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5. Carcione, J. M., 1987, Wave propagation simulation in real media, Ph.D. Thesis, *University of Tel-Aviv*.
6. Carcione, J. M., Kosloff, D., and Kosloff, R., 1988, Wave propagation simulation in a linear viscoacoustic medium, *Geophys. J. Roy. Astr. Soc.*, **93**, 393-407. Erratum: 1988, **95**, 642.
7. Carcione, J. M., Kosloff, D., and Kosloff, R., 1988, Wave propagation simulation in a linear viscoelastic medium, *Geophys. J. Roy. Astr. Soc.*, **95**, 597-611.
8. Carcione, J. M., Kosloff, D., and Kosloff, R., 1988, Viscoacoustic wave propagation simulation in the earth, *Geophysics*, **53**, 769-777.
9. Carcione, J. M., Kosloff, D., and Kosloff, R., 1988, Wave propagation simulation in an anisotropic (transversely isotropic) medium, *Q. Jl. Mech. Appl. Math.*, **41**, 320-345.
10. Behle, A., Carcione, J. M., Freter, H., Koren, Z., Kosloff, D., Kümmel, B., and Tessmer, E., 1988, Numerical 3-D seismic modelling, *Hydrocarbons, source of energy*, Commission of the European Communities, Graham and Trotman Publishers, 46-56.
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14. Seriani, G., Carcione, J. M., and Kosloff, D., 1990, A vector and parallel code for the elastodynamic equation in 3-D anisotropic media, in *Supercomputing Tools for Science and Engineering*, Laforenza, D, and Perego, R. eds., Franco Angeli Ed., 109-118.
15. Carcione, J. M., 1991, Domain decomposition for wave propagation problems, *J. Sci. Comput.*, **6** (4), 453-472.
16. Carcione, J. M., Kosloff, D. and Behle, A., 1991, Long wave anisotropy in stratified media: a numerical test, *Geophysics*, **56**, 245-254.
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18. Carcione, J. M., 1992, Rayleigh waves in isotropic-viscoelastic media, *Geophys. J. Int.*, **108**, 453-464. Erratum: 1992, **111**, 191.
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21. Carcione, J. M., and Carrion, P., 1992, 3-D radiation pattern of the drilling bit source in finely stratified media, *Geophys. Res. Letters*, **19** (17), 717-720.
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