

PUBLICACIONES EN REVISTAS INTERNACIONALES

Simulación de fenómenos

- A12** *A parallel laboratory for simulation and visualization of seismic wavefields.*
In: **Geophysical Prospecting**, vol. 48, nº 3, pp. 377-398, **2000**.
F. J. Sabadell, F. J. Serón, J. Badal.
DOI: 10.1046/j.1365-2478.2000.00191.x
Factor de impacto de revista ISI: 0.663
<https://onlinelibrary.wiley.com/doi/10.1046/j.1365-2478.2000.00191.x>
- A11** *The Multiblock Method. A New Strategy Based on Domain Decomposition for the Solution of Wave Propagation Problems.*
In: **International Journal for Numerical Methods in Engineering**, vol. 49, nº 11, pp. 1353-1376, **2000**.
F. J. Serón, F. J. Sabadell.
DOI: 10.1002/1097-0207(20001220)49:11<1353::AID-NME3>3.0.CO;2-Y
<https://onlinelibrary.wiley.com/doi/abs/10.1002/1097-0207%2820001220%2949%3A11%3C1353%3A%3AAID-NME3%3E3.0.CO%3B2-Y>
Factor de impacto de revista ISI: 1.266
- A10** *A domain decomposition method for elastic wave propagation based on Huygens' principle.*
In: **Physics and Chemistry of the Earth. Part A: Solid Earth and Geodesy**, vol. 24, nº 3, pp. 235-240 **1999**.
F. J. Sabadell, F. J. Serón, J. Badal.
DOI: 10.1016/S1464-1895(99)00024-1
Factor de impacto de revista ISI:
<https://www.sciencedirect.com/science/article/abs/pii/S1464189599000241>
- A09** *Numerical laboratory for simulation and visualization of seismic wave fields.*
In: **Geophysical Prospecting**, vol. 44, issue 4, pp. 603-642, July **1996**.
F. J. Serón, J. Badal, F. J. Sabadell
DOI: 10.1111/j.1365-2478.1996.tb00168.x
Factor de impacto de revista ISI: 0.627
<https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1365-2478.1996.tb00168.x>
- A08** *A comparison of segregated and coupled methods for the solution of the incompressible Navier-Stokes equations.*
In: **Communications in Numerical Methods in Engineering**, vol. 12, pp. 617-630, **1996**.
A. Pascau, C. Pérez, F. J. Serón.
DOI: 10.1002/(SICI)1099-0887(199610)12:103.3.CO;2-A
Factor de impacto de revista ISI: 0.374
<https://onlinelibrary.wiley.com/doi/abs/10.1002/%28SICI%291099-0887%28199610%2912%3A10%3C617%3A%3AAID-CNM10%3E3.0.CO%3B2-J>

PUBLICACIONES EN REVISTAS INTERNACIONALES

Simulación de fenómenos

- A07** *Air Quality Monitoring for Multiple Pollutants: Optimization of a Network Around a Hypothetical Potash Plant and two Thermal Power Stations in Open Countryside.*
In: **Environmental Monitoring and Assessment**, vol. 27, nº 2, pp. 107-134, **1993**.
F. J. Serón, C. Pérez, L. J. Nogué, P. M. Latorre
DOI: 10.1007/BF00551349
Factor de impacto de revista ISI: 0.384
<https://link.springer.com/article/10.1007/BF00551349>
- A06** *Air Quality Monitoring: Optimization of a Network Around a Hypothetical Potash Plant in Open Countryside.*
In: **Atmospheric Environment**, vol. 27A, nº 5, pp. 729-738, **1993**.
F. J. Serón, C. Pérez and P. M. Latorre
DOI: 10.1016/0960-1686(93)90190-A
Factor de impacto de revista ISI:
<https://www.sciencedirect.com/science/article/abs/pii/096016869390190A>
- A05** *Stress deflection in a tectonic compressional field: A model for the North-Western Iberian Chain (Spain).*
In: **Journal Geophysical Research**, vol. 97, nº B5, pp. 7183-7192, **1992**.
A. M. Casas, J. L. Simón, F. J. Serón
DOI: 10.1029/91JB02292
Factor de impacto de revista ISI: 0.404
<https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/91JB02292>
- A04** *Finite Element Method for Elastic Wave Propagation.*
In: **Communications in Applied Numerical Methods**, vol. 6, pp. 359-368, **1990**.
F. J. Serón, F. J. Sanz, M. Kindelán, J. Badal
DOI: 10.1002/cnm.1630060505
Factor de impacto de revista ISI:
<https://onlinelibrary.wiley.com/doi/abs/10.1002/cnm.1630060505>
- A03** *Stress deflection and fracture development in a multidirectional extension regime. Mathematical and experimental approach with field examples.*
In: **Annales Tectonicae international journal of structural geology and tectonics**, vol. II, nº 1, pp. 21-32, **1988**.
J. L. Simón, F. J. Serón, A. M. Casas
DOI:
Factor de impacto de revista ISI:
https://www.academia.edu/23042446/Stress_deflection_and_fracture_development_in_a_multidirectional_extension_regime_Mathematical_and_experimental_approach_with_field_examples

PUBLICACIONES EN REVISTAS INTERNACIONALES

Simulación de fenómenos

A02 *Love waves normally incident at the Atlantic continental margin of the Iberian Peninsula.*

In: **Annales Geophysicae (Geophysical Journal)**, vol. 5, nº 3, series B, pp. 273-280, **1987**.

J. Badal, F. J. Serón

DOI:

Factor de impacto de revista ISI:

A01 *A weak variational formulation for Love waves propagation.*

In: **International Journal for numerical methods in engineering**, vol. 23, nº 9, pp. 1601-1613, **1986**.

F. J. Serón, J. Badal

DOI: 10.1002/nme.1620230903

Factor de impacto de revista ISI:

<https://onlinelibrary.wiley.com/doi/abs/10.1002/nme.1620230903>