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Journal Information

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Classification History

Year	A+	A	B	C
2026		✓	✓	
2025		✓	✓	
2024		✓	✓	
2023		✓	✓	
2021/2022		✓	✓	
2020		✓	✓	
2019		✓	✓	
2018		✓		

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Recent Articles

Physics-constrained and uncertainty-quantified 3D probabilistic inversion of magnetic gradient tensor data
2027-1 Vol. 256 Pages 106610
Authors: Shengtao Xue, Zhining Li, Hongbo Fan et al.
DOI: 10.1016/j.jappgeo.2026.106610

Initial model building for FWI using a dual-attention generative adversarial network
2027-1 Vol. 256 Pages 106577
Authors: Wenhao Luo, Shengchang Chen, Yawen Zhang et al.
DOI: 10.1016/j.jappgeo.2026.106577

Integrated magnetic and electrical resistivity imaging of shallow stratigraphy at a Neolithic site
2027-1 Vol. 256 Pages 106572
Authors: Alberto Cogliati, Alessandro Ghirotto, Andrea Zunino et al.
DOI: 10.1016/j.jappgeo.2026.106572

Petrophysically guided fluid identification from limited conventional well logs in a tight sandstone reservoir
2027-1 Vol. 256 Pages 106574
Authors: Yufeng Chen, Ranlei Zhao, Yisheng Chen et al.
DOI: 10.1016/j.jappgeo.2026.106574

Gaussian Mixture and K-means++ Algorithms in Sand-Shale Mixture Clustering for Enhanced Lithology Classification
2027-1 Vol. 256 Pages 106593
Authors: Saeed Aftab, Rasoul Hamidzadeh Moghadam
DOI: 10.1016/j.jappgeo.2026.106593

OVT domain 5D seismic technology of sand-gravel bodies on the steep slope of reservoir prediction - A case study of the Shahejie Formation, Eastern Binxian Uplift, China
2027-1 Vol. 256 Pages 106594
Authors: Zhicheng Ren, Lei Jiang, Wenxiang He et al.
DOI: 10.1016/j.jappgeo.2026.106594

Inversion-guided residual learning for crosshole radar dual-parameters reconstruction
2027-1 Vol. 256 Pages 106565
Authors: Qiancheng Zhao, Xianghao Liu, Sixin Liu et al.
DOI: 10.1016/j.jappgeo.2026.106565

Entropy-regularized W2 misfit with a closed-form adjoint source for acoustic full-waveform inversion
2027-1 Vol. 256 Pages 106585
Authors: Jian Sun, Wenshuai Wang, Fei Dong et al.
DOI: 10.1016/j.jappgeo.2026.106585

Parametric uncertainty models for the elastic properties of igneous rocks based on Gaussian copulas with metalog marginals
2027-1 Vol. 256 Pages 106557
Authors: Vitor L. de Mello, Kyle T. Spikes
DOI: 10.1016/j.jappgeo.2026.106557

LMEA-Net-based automatic road cavity identification from GPR B-scan profiles via integrated adaptive domain adaptation
2027-1 Vol. 256 Pages 106596
Authors: Zhongying Li, Xiangfeng Lv, Yan Chen et al.
DOI: 10.1016/j.jappgeo.2026.106596