Sinesio Pesco

List of Publications by Year
in descending order

		1162367	1199166
42 papers	187 citations	8 h-index	12 g-index
44 all docs	44 docs citations	44 times ranked	168 citing authors

#	Article	IF	Citations
1	Practical considerations on Marching Cubes 33 topological correctness. Computers and Graphics, 2013, 37, 840-850.	1.4	26
2	A stratification approach for modeling two-dimensional cell complexes. Computers and Graphics, 2004, 28, 235-247.	1.4	17
3	Fast Generation of Pointerless Octree Duals. Computer Graphics Forum, 2010, 29, 1661-1669.	1.8	16
4	Modeling falloff tests in multilayer reservoirs. Journal of Petroleum Science and Engineering, 2019, 174, 161-168.	2.1	16
5	An extended triangulation to the Marching Cubes 33 algorithm. Journal of the Brazilian Computer Society, 2019, 25, .	0.8	13
6	Uncertainty quantification in seismic facies inversion. Geophysics, 2020, 85, M43-M56.	1.4	10
7	HANDLEBODY REPRESENTATION FOR SURFACES AND ITS APPLICATIONS TO TERRAIN MODELING. International Journal of Shape Modeling, 2003, 09, 61-77.	0.3	8
8	Fast adaptive blue noise on polygonal surfaces. Graphical Models, 2014, 76, 17-29.	1.1	8
9	Implicit occluders. , 0, , .		7
10	A new procedure for generating data covariance inflation factors for ensemble smoother with multiple data assimilation. Computers and Geosciences, 2021, 150, 104722.	2.0	7
11	GEncode: Geometry-driven compression for General Meshes. Computer Graphics Forum, 2006, 25, 685-695.	1.8	6
12	Spider Cursor. , 2005, , .		5
13	ES-MDA applied to estimate skin zone properties from injectivity tests data in multilayer reservoirs. Computers and Geosciences, 2021, 146, 104635.	2.0	5
14	GEncode: Geometry-Driven Compression in Arbitrary Dimension and Co-Dimension. , 2005, , .		4
15	Determining skin zone properties from injectivity tests in single- and multilayer reservoirs. Journal of Petroleum Exploration and Production, 2020, 10, 1459-1471.	1.2	4
16	Tuning Manifold Harmonics Filters. , 2010, , .		3
17	Well-testing based turbidite lobes modeling using the ensemble smoother with multiple data assimilation. Computational Geosciences, 2021, 25, 1139-1157.	1.2	3
18	Influences of the inflation factors generation in the main parameters of the ensemble smoother with multiple data assimilation. Journal of Petroleum Science and Engineering, 2021, 203, 108648.	2.1	3

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19	Stochastic Modeling of Geometric Objects and Reservoir Heterogeneities. , 1997, , .		2
20	A Numerical Scheme for the Curvature Equation Near the Singularities. Journal of Mathematical Imaging and Vision, 2005, 22, 89-95.	0.8	2
21	A Fast Marching Method for the Area Based Affine Distance. Journal of Mathematical Imaging and Vision, 2008, 30, 1-12.	0.8	2
22	Random Walks for Vector Field Denoising. , 2009, , .		2
23	Point-based rendering of implicit surfaces in <mml:math altimg="si0038.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://. Computers and ….	1.4	2
24	Generation of Turbidite Probability Scenarios Using Geostatistical Methods. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 2025-2029.	1.4	2
25	RelPath: an interactive tool to visualize branches of studies and quantify the expertise of authors by citation paths. Scientometrics, 2021, 126, 4871-4897.	1.6	2
26	Uncertainty Quantification in Reservoir History Matching Using the Ensemble Smoother. , 0, , .		2
27	A Collaborative Support for Recommending References in Papers. , 0, , .		2
28	EXTRACTION OF TERRAIN DATA FROM DIGITISED CONTOURS. International Journal of Shape Modeling, 2001, 07, 59-74.	0.3	1
29	Affine geometry of equal-volume polygons in 3-space. Computer Aided Geometric Design, 2017, 57, 44-56.	0.5	1
30	Vector Field–Based Simulation of Tree–Like Nonstationary Geostatistical Models. Water Resources Research, 2020, 56, e2020WR027542.	1.7	1
31	Laplace Domain Pressure Behavior Solution for Multilayered Composite Reservoirs. , 2020, , .		1
32	Pressure Behavior During Injectivity Tests - A Composite Reservoir Approach. , 2020, , .		1
33	A New Object-Based Algorithm To Simulate Geometrical and Petrophysical Turbidite Channel Properties. SPE Journal, 2020, 25, 2433-2449.	1.7	1
34	Analytical solutions for injectivity and falloff tests in stratified reservoirs with multilateral horizontal wells. Journal of Petroleum Science and Engineering, 2021, 197, 108116.	2.1	1
35	Assisted history matching and graphical methods for estimating individual layer properties from well testing data in stratified reservoirs with multilateral wells. Journal of Petroleum Science and Engineering, 2022, 208, 109326.	2.1	1
36	Centroaffine Duality for Spatial Polygons. Discrete and Computational Geometry, 2019, 66, 575.	0.4	0

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37	Smoothing Tidal Effects in Well Test Pressure Data. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 899-902.	1.4	0
38	A New Object-Based Algorithm to Simulate Geometrical and Petrophysical Turbidite Channels Properties. , 2020, , .		0
39	Aplicando Ensemble Kalman Filter ao Ajuste de HistÃ³rico de PressÃ£o em Lobos TurbidÃ‡ticos. , 0, , .		0
40	Impulse functions applied to compute pressure change during injectivity tests. Fuel, 2022, 310, 122392.	3.4	0
41	Stochastic Modeling of Geometric Objects and Reservoir Heterogeneities. , 0, , .		0
42	Turbidite Probability Scenarios Generation Combining Generative Models and Geostatistical Techniques. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	0