David Pardo

List of Publications by Year
in descending order

		236833	214721
154 papers	**3,006** citations	**25** h-index	**47** g-index
160 all docs	**160** docs citations	**160** times ranked	**1437** citing authors

#	Article	IF	Citations
1	Automatic Red-Channel underwater image restoration. Journal of Visual Communication and Image Representation, 2015, 26, 132-145.	1.7	606
2	A class of discontinuous Petrovâ€"Galerkin methods. Part IV: The optimal test norm and time-harmonic wave propagation in 1D. Journal of Computational Physics, 2011, 230, 2406-2432.	1.9	115
3	The cost of continuity: A study of the performance of isogeometric finite elements using direct solvers. Computer Methods in Applied Mechanics and Engineering, 2012, 213-216, 353-361.	3.4	99
4	Enhanced Variational Image Dehazing. SIAM Journal on Imaging Sciences, 2015, 8, 1519-1546.	1.3	84
5	Fast 1D inversion of logging-while-drilling resistivity measurements for improved estimation of formation resistivity in high-angle and horizontal wells. Geophysics, 2015, 80, E111-E124.	1.4	69
6	The Cost of Continuity: Performance of Iterative Solvers on Isogeometric Finite Elements. SIAM Journal of Scientific Computing, 2013, 35, A767-A784.	1.3	66
7	Twoâ€Dimensional Highâ€Accuracy Simulation of Resistivity Log gingâ€Whileâ€Drilling (LWD) Measurements Using a Selfâ€Adaptiv e Goalâ€Oriented hp Finite Element Method. SIAM Journal on Applied Mathematics, 2006, 66, 2085-2106.	0.8	65
8	A self-adaptive goal-oriented hp-finite element method with electromagnetic applications. Part II: Electrodynamics. Computer Methods in Applied Mechanics and Engineering, 2007, 196, 3585-3597.	3.4	54
9	Fully automatic hp-adaptivity in three dimensions. Computer Methods in Applied Mechanics and Engineering, 2006, 195, 4816-4842.	3.4	53
10	Improving the performance of perfectly matched layers by means ofhp-adaptivity. Numerical Methods for Partial Differential Equations, 2007, 23, 832-858.	2.0	50
11	Simulation of multifrequency borehole resistivity measurements through metal casing using a goal-oriented hp finite-element method. IEEE Transactions on Geoscience and Remote Sensing, 2006, 44, 2125-2134.	2.7	48
12	A goal-orientedhp-adaptive finite element method with electromagnetic applications. Part I: electrostatics. International Journal for Numerical Methods in Engineering, 2006, 65, 1269-1309.	1.5	45
13	Sensitivity analysis for the appraisal of hydrofractures in horizontal wells with borehole resistivity measurements. Geophysics, 2013, 78, D209-D222.	1.4	45
14	Fusion-based Variational Image Dehazing. IEEE Signal Processing Letters, 2016, , 1-1.	2.1	45
15	A parallel direct solver for the self-adaptive hp Finite Element Method. Journal of Parallel and Distributed Computing, 2010, 70, 270-281.	2.7	42
16	A deep learning approach to the inversion of borehole resistivity measurements. Computational Geosciences, 2020, 24, 971-994.	1.2	38
17	Simulations of 3D DC borehole resistivity measurements with a goal-oriented hp finite-element method. Part II: through-casing resistivity instruments. Computational Geosciences, 2008, 12, 83-89.	1.2	37
18	Parallel multi-frontal solver for p adaptive finite element modeling of multi-physics computational problems. Journal of Computational Science, 2010, 1, 48-54.	1.5	33

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19	Fourier series expansion in a non-orthogonal system of coordinates for the simulation of 3D alternating current borehole resistivity measurements. Computer Methods in Applied Mechanics and Engineering, 2008, 197, 3836-3849.	3.4	32
20	PML Enhanced with a Self-Adaptive Goal-Oriented hp-Finite Element Method: Simulation of Through-Casing Borehole Resistivity Measurements. SIAM Journal of Scientific Computing, 2008, 30, 2948-2964.	1.3	31
21	Fourier series expansion in a non-orthogonal system of coordinates for the simulation of 3D-DC borehole resistivity measurements. Computer Methods in Applied Mechanics and Engineering, 2008, 197, 1906-1925.	3.4	28
22	Frequency-domain finite-element simulations of 2D sonic wireline borehole measurements acquired in fractured and thinly bedded formations. Geophysics, 2013, 78, D193-D207.	1.4	28
23	Computational cost estimates for parallel shared memory isogeometric multi-frontal solvers. Computers and Mathematics With Applications, 2014, 67, 1864-1883.	1.4	28
24	Supervised Deep Learning with Finite Element simulations for damage identification in bridges. Engineering Structures, 2022, 257, 114016.	2.6	28
25	Sensitivity study of borehole-to-surface and crosswell electromagnetic measurements acquired with energized steel casing to water displacement in hydrocarbon-bearing layers. Geophysics, 2008, 73, F261-F268.	1.4	26
26	The value of continuity: Refined isogeometric analysis and fast direct solvers. Computer Methods in Applied Mechanics and Engineering, 2017, 316, 586-605.	3.4	26
27	Error control and loss functions for the deep learning inversion of borehole resistivity measurements. International Journal for Numerical Methods in Engineering, 2021, 122, 1629-1657.	1.5	26
28	Feasibility study for 2D frequency-dependent electromagnetic sensing through casing. Geophysics, 2007, 72, F111-F118.	1.4	25
29	Computational complexity and memory usage for multi-frontal direct solvers used in p finite element analysis. Procedia Computer Science, 2011, 4, 1854-1861.	1.2	25
30	Influence of borehole–eccentred tools on wireline and logging–while–drilling sonic logging measurements. Geophysical Prospecting, 2013, 61, 268-283.	1.0	25
31	Fast inversion of logging-while-drilling resistivity measurements acquired in multiple wells. Geophysics, 2017, 82, E111-E120.	1.4	23
32	Verification of goal-oriented HP-adaptivity. Computers and Mathematics With Applications, 2005, 50, 1395-1404.	1.4	22
33	Domain decomposition Fourier finite element method for the simulation of 3D marine CSEM measurements. Journal of Computational Physics, 2013, 255, 456-470.	1.9	22
34	A hybrid method for inversion of 3D DC resistivity logging measurements. Natural Computing, 2015, 14, 355-374.	1.8	22
35	Simulation of marine controlled source electromagnetic measurements using a parallel fourier hp-finite element method. Computational Geosciences, 2011, 15, 53-67.	1.2	21
36	A survey on direct solvers for Galerkin methods. Boletín De La Sociedad Española De Matemática Aplicada, 2012, 57, 107-134.	0.9	21

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37	A Deep Neural Network as Surrogate Model for Forward Simulation of Borehole Resistivity Measurements. Procedia Manufacturing, 2020, 42, 235-238.	1.9	21
38	Simulation of triaxial induction measurements in dipping, invaded, and anisotropic formations using a Fourier series expansion in a nonorthogonal system of coordinates and a self-adaptive hp finite-element method. Geophysics, 2010, 75, F83-F95.	1.4	19
39	An agent-oriented hierarchic strategy for solving inverse problems. International Journal of Applied Mathematics and Computer Science, 2015, 25, 483-498.	1.5	19
40	Multigoal-oriented adaptivity for hp-finite element methods. Procedia Computer Science, 2010, 1, 1953-1961.	1.2	18
41	Modeling extra-deep electromagnetic logs using a deep neural network. Geophysics, 2021, 86, E269-E281.	1.4	18
42	Integration of hp-adaptivity and a two-grid solver for elliptic problems. Computer Methods in Applied Mechanics and Engineering, 2006, 195, 674-710.	3.4	17
43	Inversion of Magnetotelluric Measurements Using Multigoal Oriented hp-adaptivity. Procedia Computer Science, 2013, 18, 1564-1573.	1.2	17
44	Deep learning enhanced principal component analysis for structural health monitoring. Structural Health Monitoring, 2022, 21, 1710-1722.	4.3	17
45	Computational cost of isogeometric multi-frontal solvers on parallel distributed memory machines. Computer Methods in Applied Mechanics and Engineering, 2015, 284, 971-987.	3.4	16
46	A two-dimensional self-adaptive hp finite element method for the characterization of waveguide discontinuities. Part II: Goal-oriented hp-adaptivity. Computer Methods in Applied Mechanics and Engineering, 2007, 196, 4811-4822.	3.4	15
47	A two-dimensional self-adaptive hp finite element method for the characterization of waveguide discontinuities. Part I: Energy-norm based automatic hp-adaptivity. Computer Methods in Applied Mechanics and Engineering, 2007, 196, 4823-4852.	3.4	15
48	A Two-Dimensional Self-Adaptive hp Finite Element Method for the Analysis of Open Region Problems in Electromagnetics. IEEE Transactions on Magnetics, 2007, 43, 1337-1340.	1.2	15
49	Simulation of DC dual-laterolog measurements in complex formations: A Fourier-series approach with nonorthogonal coordinates and self-adapting finite elements. Geophysics, 2009, 74, E31-E43.	1.4	15
50	Assessment of Delaware and Groningen effects on dual-laterolog measurements with a self-adaptive hp finite-element method. Geophysics, 2010, 75, F143-F149.	1.4	15
51	Dimensionally adaptive hp-finite element simulation and inversion of 2D magnetotelluric measurements. Journal of Computational Science, 2017, 18, 95-105.	1.5	15
52	A Numerical 1.5D Method for the Rapid Simulation of Geophysical Resistivity Measurements. Geosciences (Switzerland), 2018, 8, 225.	1.0	15
53	Energy-Norm-Based and Goal-Oriented Automatic hp Adaptivity for Electromagnetics: Application to Waveguide Discontinuities. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 3039-3049.	2.9	14
54	Preventing deadlock during anisotropic 2D mesh adaptation in hp-adaptive FEM. Journal of Computational Science, 2013, 4, 170-179.	1.5	14

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55	A hybrid method for inversion of 3D AC resistivity logging measurements. Applied Soft Computing Journal, 2015, 36, 442-456.	4.1	13
56	Bearing assessment tool for longitudinal bridge performance. Journal of Civil Structural Health Monitoring, 2020, 10, 1023-1036.	2.0	13
57	A Finite Element based Deep Learning solver for parametric PDEs. Computer Methods in Applied Mechanics and Engineering, 2022, 391, 114562.	3.4	13
58	Finite element simulations of logging-while-drilling and extra-deep azimuthal resistivity measurements using non-fitting grids. Computational Geosciences, 2018, 22, 1161-1174.	1.2	12
59	Refined isogeometric analysis for fluid mechanics and electromagnetics. Computer Methods in Applied Mechanics and Engineering, 2019, 356, 598-628.	3.4	12
60	A direct solver with reutilization of LU factorizations for h-adaptive finite element grids with point singularities. Computers and Mathematics With Applications, 2013, 65, 1140-1151.	1.4	11
61	Simulation of borehole-eccentered triaxial induction measurements using a Fourier hp finite-element method. Geophysics, 2013, 78, D41-D52.	1.4	11
62	Impact of element-level static condensation on iterative solver performance. Computers and Mathematics With Applications, 2015, 70, 2331-2341.	1.4	11
63	Goal-oriented adaptivity using unconventional error representations for the 1D Helmholtz equation. Computers and Mathematics With Applications, 2015, 69, 964-979.	1.4	11
64	Goal-oriented adaptivity for a conforming residual minimization method in a dual discontinuous Galerkin norm. Computer Methods in Applied Mechanics and Engineering, 2021, 377, 113686.	3.4	11
65	Goal-Oriented Self-Adaptive hp Finite Element Simulation of 3D DC Borehole Resistivity Simulations. Procedia Computer Science, 2011, 4, 1485-1495.	1.2	10
66	Simulation of wireline sonic logging measurements acquired with Borehole–Eccentered tools using a high-order adaptive finite-element method. Journal of Computational Physics, 2011, 230, 6320-6333.	1.9	10
67	A three-dimensional self-adaptive hp finite element method for the characterization of waveguide discontinuities. Computer Methods in Applied Mechanics and Engineering, 2012, 249-252, 62-74.	3.4	10
68	Refined Isogeometric Analysis for a preconditioned conjugate gradient solver. Computer Methods in Applied Mechanics and Engineering, 2018, 335, 490-509.	3.4	10
69	Fast 2.5D finite element simulations of borehole resistivity measurements. Computational Geosciences, 2018, 22, 1271-1281.	1.2	10
70	Out-of-core multi-frontal solver for multi-physics hp adaptive problems. Procedia Computer Science, 2011, 4, 1788-1797.	1.2	9
71	Modeling of bone conduction of sound in the human head using hp-finite elements: Code design and verification. Computer Methods in Applied Mechanics and Engineering, 2011, 200, 1757-1773.	3.4	9
72	On Round-off Error for Adaptive Finite Element Methods. Procedia Computer Science, 2012, 9, 1474-1483.	1.2	9

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73	A secondary field based hp-Finite Element Method for the simulation of magnetotelluric measurements. Journal of Computational Science, 2015, 11, 137-144.	1.5	9
74	A Priori Fourier Analysis for 2.5D Finite Elements Simulations of Logging-While-Drilling (LWD) Resistivity Measurements. Procedia Computer Science, 2016, 80, 782-791.	1.2	9
75	A DPG-based time-marching scheme for linear hyperbolic problems. Computer Methods in Applied Mechanics and Engineering, 2021, 373, 113539.	3.4	9
76	Integration of hp-adaptivity and a two grid solver for electromagnetic problems. Computer Methods in Applied Mechanics and Engineering, 2006, 195, 2533-2573.	3.4	8
77	Fully Automatic hp Adaptivity for Electromagnetics, Application to the Analysis of H-Plane and E-Plane Rectangular Waveguide Discontinuities. IEEE MTT-S International Microwave Symposium Digest IEEE MTT-S International Microwave Symposium, 2007, , .	0.0	8
78	Simulation of eccentricity effects on short- and long-normal logging measurements using a Fourier-hp-finite-element method. Exploration Geophysics, 2010, 41, 118-127.	0.5	8
79	Goalâ€oriented adaptivity using unconventional error representations for the multidimensional Helmholtz equation. International Journal for Numerical Methods in Engineering, 2018, 113, 22-42.	1.5	8
80	Finite Element Approximation of Electromagnetic Fields Using Nonfitting Meshes for Geophysics. SIAM Journal on Numerical Analysis, 2018, 56, 2288-2321.	1.1	8
81	Explicit-in-time goal-oriented adaptivity. Computer Methods in Applied Mechanics and Engineering, 2019, 347, 176-200.	3.4	8
82	A painless automatic hp-adaptive strategy for elliptic problems. Finite Elements in Analysis and Design, 2020, 178, 103424.	1.7	8
83	Equivalence between the DPG method and the exponential integrators for linear parabolic problems. Journal of Computational Physics, 2021, 429, 110016.	1.9	8
84	Direct solvers performance on h-adapted grids. Computers and Mathematics With Applications, 2015, 70, 282-295.	1.4	7
85	2.5-D Deep Learning Inversion of LWD and Deep-Sensing EM Measurements Across Formations With Dipping Faults. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	7
86	New post-processing method for interpretation of through casing resistivity (TCR) measurements. Journal of Applied Geophysics, 2011, 74, 19-25.	0.9	6
87	Multi-objective Hierarchic Memetic Solver for Inverse Parametric Problems. Procedia Computer Science, 2015, 51, 974-983.	1.2	6
88	A Variational Framework for Single Image Dehazing. Lecture Notes in Computer Science, 2015, , 259-270.	1.0	6
89	Arithmetic Method of Double-Injection-Electrode Model for Resistivity Measurement Through Metal Casing. IEEE Transactions on Geoscience and Remote Sensing, 2010, 48, 36-41.	2.7	5
90	Anisotropic 2D mesh adaptation in hp-adaptive FEM. Procedia Computer Science, 2011, 4, 1818-1827.	1.2	5

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91	Optimally refined isogeometric analysis. Procedia Computer Science, 2017, 108, 808-817.	1.2	5
92	Time-domain goal-oriented adaptivity using pseudo-dual error representations. Computer Methods in Applied Mechanics and Engineering, 2017, 325, 395-415.	3.4	5
93	A multi-objective memetic inverse solver reinforced by local optimization methods. Journal of Computational Science, 2017, 18, 85-94.	1.5	5
94	Numerical simulation of 3D EM borehole measurements using an hpâ€adaptive goalâ€oriented finiteâ€element formulation. , 2007, , .		5
95	A deep learning approach to design a borehole instrument for geosteering. Geophysics, 2022, 87, D83-D90.	1.4	5
96	Semi-analytical response of acoustic logging measurements in frequency domain. Computers and Mathematics With Applications, 2015, 70, 314-329.	1.4	4
97	A quadrature-free method for simulation and inversion of 1.5D direct current (DC) borehole measurements. Computational Geosciences, 2016, 20, 1301-1318.	1.2	4
98	A multi-domain decomposition-based Fourier finite element method for the simulation of 3D marine CSEM measurements. Computational Geosciences, 2017, 21, 345-357.	1.2	4
99	Parallel Refined Isogeometric Analysis in 3D. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 1134-1142.	4.0	4
100	Borehole resistivity simulations of oil-water transition zones with a 1.5D numerical solver. Computational Geosciences, 2020, 24, 1285-1299.	1.2	4
101	Large-offset P-wave traveltime in layered transversely isotropic media. Geophysics, 2021, 86, C65-C74.	1.4	4
102	Refined isogeometric analysis for generalized Hermitian eigenproblems. Computer Methods in Applied Mechanics and Engineering, 2021, 381, 113823.	3.4	4
103	Exploiting the Kronecker product structure of <i>φ</i>â^’functions in exponential integrators. International Journal for Numerical Methods in Engineering, 2022, 123, 2142-2161.	1.5	4
104	A 2D and 3D hp-Finite Element Method for Simulation of Through Casing Resistivity Logging Instruments. , 2006, , .		3
105	Unified Modeling Language description of the object-oriented multi-scale adaptive finite element method for Step-and-Flash Imprint Lithography Simulations. IOP Conference Series: Materials Science and Engineering, 2010, 10, 012247.	0.3	3
106	Compensation effect analysis in DIE method for through-casing measuring formation resistivity. Journal of Applied Geophysics, 2011, 74, 287-293.	0.9	3
107	hp-HGS strategy for inverse 3D DC resistivity logging measurement simulations. Procedia Computer Science, 2012, 9, 927-936.	1.2	3
108	Solution of the 3D-Helmholtz equation in exterior domains using spherical harmonic decomposition. Computers and Mathematics With Applications, 2012, 64, 2520-2543.	1.4	3

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109	3D hp-adaptive finite element simulations of bend, step, and magic-T electromagnetic waveguide structures. Journal of Computational Science, 2014, 5, 65-75.	1.5	3
110	Automatically Adapted Perfectly Matched Layers for Problems with High Contrast Materials Properties. Procedia Computer Science, 2014, 29, 970-979.	1.2	3
111	Variational formulations for explicit Runge-Kutta Methods. Finite Elements in Analysis and Design, 2019, 165, 77-93.	1.7	3
112	Forward‐in‐time goal‐oriented adaptivity. International Journal for Numerical Methods in Engineering, 2019, 119, 490-505.	1.5	3
113	Sensitivity and uncertainty analysis by discontinuous Galerkin of lock-in thermography for crack characterization. Computer Methods in Applied Mechanics and Engineering, 2021, 373, 113523.	3.4	3
114	Massive database generation for 2.5D borehole electromagnetic measurements using refined isogeometric analysis. Computers and Geosciences, 2021, 155, 104808.	2.0	3
115	Pectoral Muscle Segmentation in Mammograms Based on Cartoon-Texture Decomposition. Lecture Notes in Computer Science, 2015, , 587-594.	1.0	3
116	Refined isogeometric analysis of quadratic eigenvalue problems. Computer Methods in Applied Mechanics and Engineering, 2022, 399, 115327.	3.4	3
117	Simulation of 3D Resistivity Logging Measurements with a Parallel Implementation of 2D hp-Adaptive Goal-Oriented Finite Element Method. AIP Conference Proceedings, 2007, , .	0.3	2
118	Agent-based computing, adaptive algorithms and bio computing. Procedia Computer Science, 2010, 1, 1951-1952.	1.2	2
119	Hydrofracture diagnosis in open-hole and steel-cased wells using borehole resistivity measurements. , 2012, , .		2
120	High-accuracy adaptive modeling of the energy distribution of a meniscus-shaped cell culture in a Petri dish. Journal of Computational Science, 2015, 9, 143-149.	1.5	2
121	Fourier finite element modeling of light emission in waveguides: 25-dimensional FEM approach. Optics Express, 2015, 23, 30259.	1.7	2
122	Quantities of Interest for Surface based Resistivity Geophysical Measurements. Procedia Computer Science, 2015, 51, 964-973.	1.2	2
123	Image processing applications through a variational perceptually-based color correction related to Retinex. IS&T International Symposium on Electronic Imaging, 2016, 28, 1-6.	0.3	2
124	Asymptotic models for the electric potential across a highly conductive casing. Computers and Mathematics With Applications, 2018, 76, 1975-2000.	1.4	2
125	Recent advances on the inversion of deep directional borehole resistivity measurements. ASEG Extended Abstracts, 2019, 2019, 1-3.	0.1	2
126	Modeling of resistivity geophysical measurements. , 2021, , 77-113.		2

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127	REAL-TIME 2.5D INVERSION OF LWD RESISTIVITY MEASUREMENTS USING DEEP LEARNING FOR GEOSTEERING APPLICATIONS ACROSS FAULTED FORMATIONS. , 2021, , .		2
128	A source time reversal method for seismicity induced by mining. Inverse Problems and Imaging, 2017, 11, 25-45.	0.6	2
129	Error representation of the time-marching DPG scheme. Computer Methods in Applied Mechanics and Engineering, 2022, 391, 114480.	3.4	2
130	Petri Nets for Detecting a 3D Deadlock Problem in Hp-adaptive Finite Element Simulations. Procedia Computer Science, 2012, 9, 1434-1443.	1.2	1
131	High-accuracy Adaptive Simulations of a Petri Dish Exposed to Electromagnetic Radiation. Procedia Computer Science, 2013, 18, 1555-1563.	1.2	1
132	A secondary field based Fourier finite element method for the simulation of 3D marine CSEM measurements. , 2014, , .		1
133	Adjoint-based formulation for computing derivatives with respect to bed boundary positions in resistivity geophysics. Computational Geosciences, 2019, 23, 583-594.	1.2	1
134	Fast Simulation of 2.5D LWD Resistivity Tools. , 2017, , .		1
135	hp-HGS strategy for inverse AC/DC resistivity logging measurement simulations. Computer Science, 2013, 14, 629.	0.4	1
136	Design of Loss Functions for Solving Inverse Problems Using Deep Learning. Lecture Notes in Computer Science, 2020, , 158-171.	1.0	1
137	Nonhyperbolic normal moveout stretch correction with deep learning automation. Geophysics, 2022, 87, U57-U66.	1.4	1
138	A Two-Dimensional Self-Adaptive hp Finite Element Method for the Analysis of Open Region Problems in Electromagnetics. , 0, , .		0
139	Parallel multi-frontal solver for multi-physics p adaptive problems. Procedia Computer Science, 2010, 1, 1983-1992.	1.2	0
140	3D hp-Adaptive Finite Element Simulations of a Magic-T Electromagnetic Waveguide Structure. Procedia Computer Science, 2012, 9, 1444-1453.	1.2	0
141	Goal-Oriented p -Adaptivity using Unconventional Error Representations for a 1D Steady State Convection-Diffusion Problem. Procedia Computer Science, 2017, 108, 848-856.	1.2	0
142	ICCS 2017 Workshop on Agent-Based Simulations, Adaptive Algorithms and Solvers. Procedia Computer Science, 2017, 108, 796-797.	1.2	0
143	Source time reversal (STR) method for linear elasticity. Computers and Mathematics With Applications, 2019, 77, 1358-1375.	1.4	0
144	Absorbing boundary conditions. , 2021, , 219-246.		0

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145	Vibration-Based SHM Strategy for a Real Time Alert System with Damage Location and Quantification. Lecture Notes in Civil Engineering, 2021, , 245-255.	0.3	0
146	Maxwell's equations and variational formulations. , 2021, , 47-75.		0
147	Linear solvers. , 2021, , 247-256.		0
148	Parallel implementation. , 2021, , 257-264.		0
149	Inverse problems. , 2021, , 265-276.		0
150	A simulation method for the computation of the effective P-wave velocity in heterogeneous rocks. Computational Mechanics, 2021, 67, 845-865.	2.2	0
151	A Parallel, Fourier Finite-Element Formulation with an Iterative Solver for the Simulation of 3D LWD Measurements Acquired in Deviated Wells. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2008, 4, 551-555.	0.4	0
152	Optimising the Welding Process in the Manufacture of Offshore Mooring Chains. SEMA SIMAI Springer Series, 2014, , 183-191.	0.4	0
153	Fast Simulation of Through-casing Resistivity Measurements Using Semi-analytical Asymptotic Models. Part 1: Accuracy Study. , 2014, , .		0
154	1.5D Based Inversion of Logging-While-Drilling Resistivity Measurements in 3D Formations. , 2017, , .		0