Chong-bin Zhao

List of Publications by Year
in descending order

138 papers	3,809 citations	94433 37 h-index	182427 51 g-index
143 all docs	143 docs citations	143 times ranked	822 citing authors

#	Article	IF	Citations
1	Semi-analytical finite element method for simulating chemical dissolution-front instability problems in fluid-saturated porous media. Engineering Computations, 2022, 39, 1781-1801.	1.4	5
2	A novel algorithm for implementing perturbations in computational simulations of chemical dissolution‐front instability problems within fluid‐saturated porous media. International Journal for Numerical and Analytical Methods in Geomechanics, 2022, 46, 2115-2137.	3.3	5
3	An accurate porosity‐velocity‐concentration approach for solving reactive mass transport problems involving chemical dissolution in fluid‐saturated porous media with arbitrarily initial porosity distributions. International Journal for Numerical Methods in Engineering, 2021, 122, 7354-7377.	2.8	7
4	Effects of mathematical transforms on theoretical analysis and computational simulation of chemical dissolution-front instability within fluid-saturated porous media. Journal of Hydrology, 2021, 600, 126531.	5.4	7
5	Transient-state instability analysis of dissolution-timescale reactive infiltration in fluid-saturated porous rocks: Purely mathematical approach. Science China Technological Sciences, 2020, 63, 319-328.	4.0	22
6	Mixed solutions of mathematical and numerical methods for reactive mass transport problems of two different porosity regions in fluid-saturated porous media. Journal of Hydrology, 2020, 580, 124145.	5.4	6
7	A semianalytical approach for solving first‐order perturbation equations of dissolution‐timescale reactive infiltration instability problems in fluid‐saturated rocks. International Journal for Numerical and Analytical Methods in Geomechanics, 2020, 44, 2070-2092.	3.3	8
8	Closure to "Analytical Solution for Dissolution-Timescale Reactive Transport in Fluid-Saturated Porous Rocks" by Chongbin Zhao, B. E. Hobbs, and A. Ord. International Journal of Geomechanics, 2019, 19, 07019004.	2.7	0
9	Finite element modeling of convective pore-fluid flow in fluid-saturated porous rocks within upper crust: An overview. Journal of Central South University, 2019, 26, 501-514.	3.0	5
10	A unified theory for sharp dissolution front propagation in chemical dissolution of fluid-saturated porous rocks. Science China Technological Sciences, 2019, 62, 163-174.	4.0	14
11	An interface‐condition substitution strategy for theoretical study of dissolution‐timescale reactive infiltration instability in fluid‐saturated porous rocks. International Journal for Numerical and Analytical Methods in Geomechanics, 2019, 43, 1576-1593.	3.3	10
12	Computational modeling of convective seepage flow in fluid-saturated heterogeneous rocks: Steady-state approach. Computers and Geosciences, 2019, 123, 103-110.	4.2	3
13	Modeling of mountain topography effects on hydrothermal Pb-Zn mineralization patterns: Generic model approach. Journal of Geochemical Exploration, 2018, 190, 400-410.	3.2	14
14	Analytical Solution for Dissolution-Timescale Reactive Transport in Fluid-Saturated Porous Rocks. International Journal of Geomechanics, 2018, 18, .	2.7	14
15	ä¸€ç§æ•°å€¼ç®—æ³•å¯¹æ¨¡æ‹Ÿé¥±æ°´å"éš™å²©ä¸å¦‚æ°¶è§£é€è¿è½±å"• Journal of Central South University, 2	3.0	16
16	Validity of using large-density asymptotics for studying reaction-infiltration instability in fluid-saturated rocks. Journal of Hydrology, 2018, 559, 454-460.	5.4	6
17	Reply to comment on "validity of using large-density asymptotics for studying reaction-infiltration instability in fluid-saturated rocks" Journal of Hydrology, 2018, 564, 928-929.	5.4	1
18	Effects of acid dissolution capacity on the propagation of an acid-dissolution front in carbonate rocks. Computers and Geosciences, 2017, 102, 109-115.	4.2	4

#	ARTICLE	IF	CITATIONS
19	Why asymptotic limit of the acid dissolution capacity can lead to a sharp dissolution front in chemical dissolution of porous rocks?. International Journal for Numerical and Analytical Methods in Geomechanics, 2017, 41, 1590-1602.	3.3	13
20	Effects of porosity heterogeneity on chemical dissolution-front instability in fluid-saturated rocks. Journal of Central South University, 2017, 24, 720-725.	3.0	8
21	A new alternative approach for investigating acidization dissolution front propagation in fluid-saturated carbonate rocks. Science China Technological Sciences, 2017, 60, 1197-1210.	4.0	32
22	Computational simulation of seepage instability problems in fluid-saturated porous rocks: Potential dynamic mechanisms for controlling mineralisation patterns. Ore Geology Reviews, 2016, 79, 180-188.	2.7	28
23	Chemical dissolution-front instability associated with water-rock reactions in groundwater hydrology: Analyses of porosity-permeability relationship effects. Journal of Hydrology, 2016, 540, 1078-1087.	5.4	42
24	Acquisition of temporal-spatial geochemical information in ore-forming and carbon-dioxide sequestration systems: Computational simulation approach. Journal of Geochemical Exploration, 2016, 164, 18-27.	3.2	14
25	Computational Methods for Simulating Some Typical Problems in Computational Geosciences. International Journal of Computational Methods, 2016, 13, 1640016.	1.3	7
26	Replacement of annular domain with trapezoidal domain in computational modeling of nonaqueous-phase-liquid dissolution-front propagation problems. Journal of Central South University, 2015, 22, 1841-1846.	3.0	12
27	Numerical modeling of toxic nonaqueous phase liquid removal from contaminated groundwater systems: mesh effect and discretization error estimation. International Journal for Numerical and Analytical Methods in Geomechanics, 2015, 39, 571-593.	3.3	33
28	Theoretical analyses of chemical dissolution–front instability in fluid–saturated porous media under non–isothermal conditions. International Journal for Numerical and Analytical Methods in Geomechanics, 2015, 39, 799-820.	3.3	58
29	Computational simulation of chemical dissolution–front instability in fluid–saturated porous media under non–isothermal conditions. International Journal for Numerical Methods in Engineering, 2015, 102, 135-156.	2.8	39
30	Advances in numerical algorithms and methods in computational geosciences with modeling characteristics of multiple physical and chemical processes. Science China Technological Sciences, 2015, 58, 783-795.	4.0	24
31	Simulation of rock deformation and mechanical characteristics using clump parallel-bond models. Journal of Central South University, 2014, 21, 2885-2893.	3.0	14
32	Particle simulation of thermally-induced rock damage with consideration of temperature-dependent elastic modulus and strength. Computers and Geotechnics, 2014, 55, 461-473.	4.7	52
33	Modeling of ore-forming and geoenvironmental systems: Roles of fluid flow and chemical reaction processes. Journal of Geochemical Exploration, 2014, 144, 3-11.	3.2	19
34	Physical and Chemical Dissolution Front Instability in Porous Media. Lecture Notes in Earth System Sciences, 2014, , .	0.6	36
35	Fundamental Theory for Nonaqueous-Phase-Liquid Dissolution-Front Instability Problems in Fluid-Saturated Porous Media. Lecture Notes in Earth System Sciences, 2014, , 223-265.	0.6	1
36	Effects of Mineral Dissolution Ratios on Chemical Dissolution-Front Instability in Fluid-Saturated Porous Media. Lecture Notes in Earth System Sciences, 2014, , 71-91.	0.6	0

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37	Effects of Domain Shapes and Mesh Discretization Error on the Morphological Evolution of Nonaqueous-Phase-Liquid Dissolution Fronts in Fluid-Saturated Porous Media. Lecture Notes in Earth System Sciences, 2014, , 267-313.	0.6	0
38	Fundamental Theory for Acidization Dissolution-Front Instability in Fluid-Saturated Carbonate Rocks. Lecture Notes in Earth System Sciences, 2014, , 315-343.	0.6	0
39	Effects of Solute Dispersion on Chemical Dissolution-Front Instability in Fluid-Saturated Porous Media. Lecture Notes in Earth System Sciences, 2014, , 93-121.	0.6	0
40	Effects of Medium Permeability Anisotropy on Chemical Dissolution-Front Instability in Fluid-Saturated Porous Media. Lecture Notes in Earth System Sciences, 2014, , 123-150.	0.6	0
41	Effects of Medium and Pore-Fluid Compressibility on Chemical Dissolution-Front Instability in Fluid-Saturated Porous Media. Lecture Notes in Earth System Sciences, 2014, , 151-197.	0.6	0
42	Computational Simulation of Three-Dimensional Behaviour of Chemical Dissolution-Front Instability in Fluid-Saturated Porous Media. Lecture Notes in Earth System Sciences, 2014, , 199-221.	0.6	0
43	Fundamental Theory for Chemical Dissolution-Front Instability Problems in Fluid-Saturated Porous Media. Lecture Notes in Earth System Sciences, 2014, , 15-48.	0.6	0
44	Theoretical analyses of acidization dissolution front instability in fluid–saturated carbonate rocks. International Journal for Numerical and Analytical Methods in Geomechanics, 2013, 37, 2084-2105.	3.3	72
45	Effects of Medium Permeability Anisotropy on Chemical-Dissolution Front Instability in Fluid-Saturated Porous Media. Transport in Porous Media, 2013, 99, 119-143.	2.6	27
46	Computational modeling of free-surface slurry flow problems using particle simulation method. Journal of Central South University, 2013, 20, 1653-1660.	3.0	5
47	Three-dimensional thermo-mechanical modeling of the Cenozoic uplift of the Tianshan mountains driven tectonically by the Pamir and Tarim. Journal of Asian Earth Sciences, 2013, 62, 797-811.	2.3	16
48	Analytical solutions of nonaqueous-phase-liquid dissolution problems associated with radial flow in fluid-saturated porous media. Journal of Hydrology, 2013, 494, 96-106.	5.4	33
49	Computational modeling of moving interfaces between fluid and porous medium domains. Computational Geosciences, 2013, 17, 151-166.	2.4	31
50	Some fundamental issues in computational hydrodynamics of mineralization: A review. Journal of Geochemical Exploration, 2012, 112, 21-34.	3.2	51
51	Effects of domain shapes on the morphological evolution of nonaqueous-phase-liquid dissolution fronts in fluid-saturated porous media. Journal of Contaminant Hydrology, 2012, 138-139, 123-140.	3.3	21
52	A porosity-gradient replacement approach for computational simulation of chemical-dissolution front propagation in fluid-saturated porous media including pore-fluid compressibility. Computational Geosciences, 2012, 16, 735-755.	2.4	31
53	Effects of medium and pore–fluid compressibility on chemical–dissolution front instability in fluid–saturated porous media. International Journal for Numerical and Analytical Methods in Geomechanics, 2012, 36, 1077-1100.	3.3	39
54	Finite element modeling of pore-fluid flow in the Dachang ore district, Guangxi, China: Implications for hydrothermal mineralization. Geoscience Frontiers, 2011, 2, 463-474.	8.4	39

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55	Geodynamic constraints on orebody localization in the Anqing orefield, China: Computational modeling and facilitating predictive exploration of deep deposits. Ore Geology Reviews, 2011, 43, 249-263.	2.7	44
56	Computational simulation for the morphological evolution of nonaqueous phase liquid dissolution fronts in two-dimensional fluid-saturated porous media. Computational Geosciences, 2011, 15, 167-183.	2.4	38
57	Computational simulation of convective flow in the Earth crust under consideration of dynamic crust-mantle interactions. Central South University, 2011, 18, 2080-2084.	0.5	9
58	Computational simulation of frictional drill-bit movement in cemented granular materials. Finite Elements in Analysis and Design, 2011, 47, 877-885.	3.2	8
59	Numerical simulation of the effects of upward throughflow on the thermal structure and the thickness of the continental lithosphere. Journal of Geophysics and Engineering, 2011, 8, 322-329.	1.4	18
60	Coupled method of finite and dynamic infinite elements for simulating wave propagation in elastic solids involving infinite domains. Science China Technological Sciences, 2010, 53, 1678-1687.	4.0	23
61	Computational simulation of wave propagation problems in infinite domains. Science China: Physics, Mechanics and Astronomy, 2010, 53, 1397-1407.	5.1	13
62	Effects of Mineral Dissolution Ratios on Chemical-Dissolution Front Instability in Fluid-Saturated Porous Media. Transport in Porous Media, 2010, 82, 317-335.	2.6	71
63	Theoretical Analyses of the Effects of Solute Dispersion on Chemical-Dissolution Front Instability in Fluid-Saturated Porous Media. Transport in Porous Media, 2010, 84, 629-653.	2.6	46
64	Theoretical analyses of nonaqueous phase liquid dissolution–induced instability in two–dimensional fluid–saturated porous media. International Journal for Numerical and Analytical Methods in Geomechanics, 2010, 34, 1767-1796.	3.3	93
65	A semi-analytical artificial boundary for time-dependent elastic wave propagation in two-dimensional homogeneous half space. Soil Dynamics and Earthquake Engineering, 2010, 30, 1352-1360.	3.8	8
66	Theoretical and numerical investigation into roles of geofluid flow in ore forming systems: Integrated mass conservation and generic model approach. Journal of Geochemical Exploration, 2010, 106, 251-260.	3.2	36
67	Reactive mass transport modelling of a three-dimensional vertical fault zone with a finger-like convective flow regime. Journal of Geochemical Exploration, 2010, 106, 8-23.	3.2	36
68	Coupled geodynamics in the formation of Cu skarn deposits in the Tongling–Anqing district, China: Computational modeling and implications for exploration. Journal of Geochemical Exploration, 2010, 106, 146-155.	3.2	44
69	Fluids in geological processes â€" The present state and future outlook. Journal of Geochemical Exploration, 2010, 106, 1-7.	3.2	40
70	Effective loading algorithm associated with explicit dynamic relaxation method for simulating static problems. Central South University, 2009, 16, 125-130.	0.5	10
71	Numerical analysis and simulation experiment of lithospheric thermal structures in the South China Sea and the Western Pacific. Journal of Earth Science (Wuhan, China), 2009, 20, 85-94.	3.2	32
72	Critical contact stiffness concept and simulation of crack generation in particle models of large length-scales. Computers and Geotechnics, 2009, 36, 81-92.	4.7	6

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73	Inversely-Mapped Analytical Solutions for Flow Patterns around and within Inclined Elliptic Inclusions in Fluid-Saturated Rocks. Mathematical Geosciences, 2008, 40, 179-197.	2.4	24
74	Effect of Reactive Surface Areas Associated with Different Particle Shapes on Chemical-Dissolution Front Instability in Fluid-Saturated Porous Rocks. Transport in Porous Media, 2008, 73, 75-94.	2.6	62
75	Investigating dynamic mechanisms of geological phenomena using methodology of computational geosciences: An example of equal-distant mineralization in a fault. Science in China Series D: Earth Sciences, 2008, 51, 947-954.	0.9	38
76	Potential mechanisms of pore-fluid movement from continental lithospheric mantle into upper continental crust. Central South University, 2008, 15, 81-88.	0.5	2
77	Theoretical and numerical analyses of chemical€dissolution front instability in fluid€saturated porous rocks. International Journal for Numerical and Analytical Methods in Geomechanics, 2008, 32, 1107-1130.	3.3	171
78	Particle simulation of spontaneous crack generation associated with the laccolithic type of magma intrusion processes. International Journal for Numerical Methods in Engineering, 2008, 75, 1172-1193.	2.8	33
79	Morphological evolution of three€dimensional chemical dissolution front in fluid€saturated porous media: a numerical simulation approach. Geofluids, 2008, 8, 113-127.	0.7	58
80	Numerical Simulation of Contaminant Transport in One-Dimensional Infinite Media. Computer-Aided Civil and Infrastructure Engineering, 2008, 8, 477-481.	9.8	1
81	Three-dimensional finite element simulation of large-scale nonlinear contact friction problems in deformable rocks. Journal of Geophysics and Engineering, 2008, 5, 27-36.	1.4	31
82	Particle simulation of spontaneous crack generation problems in large-scale quasi-static systems. International Journal for Numerical Methods in Engineering, 2007, 69, 2302-2329.	2.8	41
83	An upscale theory of particle simulation for two-dimensional quasi-static problems. International Journal for Numerical Methods in Engineering, 2007, 72, 397-421.	2.8	18
84	Mineral precipitation associated with vertical fault zones: the interaction of solute advection, diffusion and chemical kinetics. Geofluids, 2007, 7, 3-18.	0.7	72
85	Phenomenological modelling of crack generation in brittle crustal rocks using the particle simulation method. Journal of Structural Geology, 2007, 29, 1034-1048.	2.3	21
86	Analytical Solutions for Pore-Fluid Flow Focusing Within Inclined Elliptic Inclusions in Pore-Fluid-Saturated Porous Rocks: Solutions Derived in an Elliptical Coordinate System. Mathematical Geosciences, 2007, 38, 987-1010.	0.9	11
87	Structural controls on fluid flow and related mineralization in the Xiangshan uranium deposit, Southern China. Journal of Geochemical Exploration, 2006, 89, 231-234.	3.2	36
88	Theoretical and numerical analyses of pore-fluid flow patterns around and within inclined large cracks and faults. Geophysical Journal International, 2006, 166, 970-988.	2.4	33
89	Numerical simulation of double-diffusion driven convective flow and rock alteration in three-dimensional fluid-saturated geological fault zones. Computer Methods in Applied Mechanics and Engineering, 2006, 195, 2816-2840.	6.6	28
90	Numerical modelling of fluids mixing, heat transfer and non-equilibrium redox chemical reactions in fluid-saturated porous rocks. International Journal for Numerical Methods in Engineering, 2006, 66, 1061-1078.	2.8	49

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91	Numerical modelling of spontaneous crack generation in brittle materials using the particle simulation method. Engineering Computations, 2006, 23, 566-584.	1.4	16
92	Theoretical and numerical analysis of large‐scale heat transfer problems with temperature‐dependent pore‐fluid densities. Engineering Computations, 2005, 22, 232-252.	1.4	7
93	Numerical modelling of chemical effects of magma solidification problems in porous rocks. International Journal for Numerical Methods in Engineering, 2005, 64, 709-728.	2.8	28
94	Double Diffusion-Driven Convective Instability of Three-Dimensional Fluid-Saturated Geological Fault Zones Heated from Below. Mathematical Geosciences, 2005, 37, 373-391.	0.9	18
95	Theoretical investigation of convective instability in inclined and fluid-saturated three-dimensional fault zones. Tectonophysics, 2004, 387, 47-64.	2.2	82
96	Title is missing!. Mathematical Geosciences, 2003, 35, 141-154.	0.9	6
97	Theoretical and numerical analyses of convective instability in porous media with temperature-dependent viscosity. Communications in Numerical Methods in Engineering, 2003, 19, 787-799.	1.3	45
98	Effects of hot intrusions on pore-fluid flow and heat transfer in fluid-saturated rocks. Computer Methods in Applied Mechanics and Engineering, 2003, 192, 2007-2030.	6.6	16
99	An equivalent algorithm for simulating thermal effects of magma intrusion problems in porous rocks. Computer Methods in Applied Mechanics and Engineering, 2003, 192, 3397-3408.	6.6	6
100	Convective instability of 3-D fluid-saturated geological fault zones heated from below. Geophysical Journal International, 2003, 155, 213-220.	2.4	32
101	Finite Element Modelling of Three-Dimensional Steady-State Convection and Lead/Zinc Mineralization in Fluid-Saturated Rocks. Journal of Computational Methods in Sciences and Engineering, 2003, 3, 73-89.	0.2	18
102	Finite element modelling of reactive fluids mixing and mineralization in pore‐fluid saturated hydrothermal/sedimentary basins. Engineering Computations, 2002, 19, 364-387.	1.4	41
103	Analysis of steady-state heat transfer through mid-crustal vertical cracks with upward throughflow in hydrothermal systems. International Journal for Numerical and Analytical Methods in Geomechanics, 2002, 26, 1477-1491.	3.3	21
104	Computer simulations of coupled problems in geological and geochemical systems. Computer Methods in Applied Mechanics and Engineering, 2002, 191, 3137-3152.	6.6	23
105	Finite element modelling of heat transfer through permeable cracks in hydrothermal systems with upward throughflow. Engineering Computations, 2001, 18, 996-1011.	1.4	17
106	Finite element modeling of fluid–rock interaction problems in pore-fluid saturated hydrothermal/sedimentary basins. Computer Methods in Applied Mechanics and Engineering, 2001, 190, 2277-2293.	6.6	38
107	Finite element modelling of rock alteration and metamorphic process in hydrothermal systems. Communications in Numerical Methods in Engineering, 2001, 17, 833-843.	1.3	18
108	Numerical modelling of double diffusion driven reactive flow transport in deformable fluid‐saturated porous media with particular consideration of temperature‐dependent chemical reaction rates. Engineering Computations, 2000, 17, 367-385.	1.4	53

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109	Finite element analysis of heat transfer and mineralization in layered hydrothermal systems with upward throughflow. Computer Methods in Applied Mechanics and Engineering, 2000, 186, 49-64.	6.6	24
110	Effects of medium thermoelasticity on high Rayleigh number steady-state heat transfer and mineralization in deformable fluid-saturated porous media heated from below. Computer Methods in Applied Mechanics and Engineering, 1999, 173, 41-54.	6.6	34
111	Finite element analysis of flow patterns near geological lenses in hydrodynamic and hydrothermal systems. Geophysical Journal International, 1999, 138, 146-158.	2.4	30
112	Theoretical and numerical analyses of convective instability in porous media with upward throughflow. International Journal for Numerical and Analytical Methods in Geomechanics, 1999, 23, 629-646.	3.3	52
113	A numerical study of pore–fluid, thermal and mass flow in fluid–saturated porous rock basins. Engineering Computations, 1999, 16, 202-214.	1.4	23
114	Analysis of pore-fluid pressure gradient and effective vertical-stress gradient distribution in layered hydrodynamic systems. Geophysical Journal International, 1998, 134, 519-526.	2.4	17
115	Finite element modelling of temperature gradient driven rock alteration and mineralization in porous rock masses. Computer Methods in Applied Mechanics and Engineering, 1998, 165, 175-187.	6.6	98
116	EFFECTS OF GEOLOGICAL INHOMOGENEITY ON HIGH RAYLEIGH NUMBER STEADY STATE HEAT AND MASS TRANSFER IN FLUID-SATURATED POROUS MEDIA HEATED FROM BELOW. Numerical Heat Transfer; Part A: Applications, 1998, 33, 415-431.	2.1	27
117	Finite element analysis of steady-state natural convection problems in fluid-saturated porous media heated from below. International Journal for Numerical and Analytical Methods in Geomechanics, 1997, 21, 863-881.	3.3	91
118	Analytical solutions for transient diffusion problems in infinite media. Computer Methods in Applied Mechanics and Engineering, 1996, 129, 29-42.	6.6	17
119	A-posteriori error estimator/corrector for natural frequencies of thin plate vibration problems. Computers and Structures, 1996, 59, 949-963.	4.4	8
120	Analytical solution for two-dimensional dynamic consolidation in frequency domain. International Journal for Numerical and Analytical Methods in Geomechanics, 1995, 19, 663-682.	3.3	20
121	Seismic response of concrete gravity dams including water-dam-sediment-foundation interaction. Computers and Structures, 1995, 54, 705-715.	4.4	25
122	Numerical modelling of transient contaminant migration problems in infinite porous fractured media using finite/infinite element technique. Part I: Theory. International Journal for Numerical and Analytical Methods in Geomechanics, 1994, 18, 523-541.	3.3	33
123	Numerical modelling of transient contaminant migration problems in infinite porous fractured media using finite/infinite element technique. Part II: Parametric study. International Journal for Numerical and Analytical Methods in Geomechanics, 1994, 18, 543-564.	3.3	17
124	Transient infinite elements for contaminant transport problems. International Journal for Numerical Methods in Engineering, 1994, 37, 1143-1158.	2.8	46
125	Numerical modelling of mass transport problems in porous media: A review. Computers and Structures, 1994, 53, 849-860.	4.4	42
126	Incident P and SV wave scattering effects under different canyon topographic and geological conditions. International Journal for Numerical and Analytical Methods in Geomechanics, 1993, 17, 73-94.	3.3	41

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127	Transient infinite elements for seepage problems in infinite media. International Journal for Numerical and Analytical Methods in Geomechanics, 1993, 17, 323-341.	3.3	39
128	A dynamic infinite element for three-dimensional infinite-domain wave problems. International Journal for Numerical Methods in Engineering, 1993, 36, 2567-2580.	2.8	87
129	An efficient wave input procedure for infinite media. Communications in Numerical Methods in Engineering, 1993, 9, 407-415.	1.3	24
130	Seismic wave scattering effects under different canyon topographic and geological conditions. Soil Dynamics and Earthquake Engineering, 1993, 12, 129-143.	3.8	45
131	Effect of impervious members and reservoir bottom sediment on dynamic response of embankment dams. Soil Dynamics and Earthquake Engineering, 1993, 12, 199-208.	3.8	23
132	Mapped transient infinite elements for heat transfer problems in infinite media. Computer Methods in Applied Mechanics and Engineering, 1993, 108, 119-131.	6.6	29
133	Effect of raft flexibility and soil media on the dynamic response of a framed structure. Computers and Structures, 1993, 48, 227-239.	4.4	13
134	Dynamic analysis of a reinforced retaining wall using finite and infinite elements coupled method. Computers and Structures, 1993, 47, 239-244.	4.4	15
135	Dynamic response of concrete gravity dams including dam-water-foundation interaction. International Journal for Numerical and Analytical Methods in Geomechanics, 1992, 16, 79-99.	3.3	33
136	A numerical model for wave scattering problems in infinite media due to p- and sv-wave incidences. International Journal for Numerical Methods in Engineering, 1992, 33, 1661-1682.	2.8	59
137	Vibration of three-dimensional rigid raft foundation on viscoelastic medium. Earthquake Engineering and Structural Dynamics, 1991, 20, 1159-1177.	4.4	11
138	Two different mathematical schemes for solving chemical dissolution-front instability problems in fluid-saturated rocks. Science China Technological Sciences, 0, , 1.	4.0	0