Tomas Roubicek

List of Publications by Year in descending order

159 papers	3,043 citations	201385 27 h-index	233125 45 g-index
169 all docs	169 docs citations	169 times ranked	800 citing authors

#	Article	IF	Citations
1	Visco-elastodynamics at large strains Eulerian. Zeitschrift Fur Angewandte Mathematik Und Physik, 2022, 73, 1.	0.7	6
2	Quasistatic Hypoplasticity at Large Strains Eulerian. Journal of Nonlinear Science, 2022, 32, 1.	1.0	8
3	Fine Metrizable Convex Relaxations of Parabolic Optimal Control Problems. SIAM Journal on Control and Optimization, 2021, 59, 1293-1311.	1.1	0
4	From quasi-incompressible to semi-compressible fluids. Discrete and Continuous Dynamical Systems - Series S, 2021, 14, 4069.	0.6	9
5	Staggered explicit-implicit time-discretization for elastodynamics with dissipative internal variables. ESAIM: Mathematical Modelling and Numerical Analysis, 2021, 55, S397-S416.	0.8	1
6	An experimentally-fitted thermodynamical constitutive model for polycrystalline shape memory alloys. Discrete and Continuous Dynamical Systems - Series S, 2021, 14, 3925.	0.6	3
7	Cahn-Hilliard equation with capillarity in actual deforming configurations. Discrete and Continuous Dynamical Systems - Series S, 2021, 14, 41-55.	0.6	0
8	A note about hardening-free viscoelastic models in Maxwellian-type rheologies at large strains. Mathematics and Mechanics of Solids, 2021, 26, 1483-1497.	1.5	5
9	A convective model for poro-elastodynamics with damage and fluid flow towards Earth lithosphere modelling. Continuum Mechanics and Thermodynamics, 2021, 33, 2345-2361.	1.4	3
10	Coupled time discretization of dynamic damage models at small strains. IMA Journal of Numerical Analysis, 2020, 40, 1772-1791.	1.5	3
11	Quasistatic Viscoelasticity with Self-Contact at Large Strains. Journal of Elasticity, 2020, 142, 433-445.	0.9	5
12	Thermoviscoelasticity in Kelvinâ€“Voigt Rheology at Large Strains. Archive for Rational Mechanics and Analysis, 2020, 238, 1-45.	1.1	20
13	Dynamics of charged elastic bodies under diffusion at large strains. Discrete and Continuous Dynamical Systems - Series B, 2020, 25, 1415-1437.	0.5	0
14	Finite thermoelastoplasticity and creep under small elastic strains. Mathematics and Mechanics of Solids, 2019, 24, 1161-1181.	1.5	4
15	A monolithic model for phase-field fracture and waves in solidâ€“fluid media towards earthquakes. International Journal of Fracture, 2019, 219, 135-152.	1.1	3
16	A general thermodynamical model for adhesive frictional contacts between viscoelastic or poro-viscoelastic bodies at small strains. Interfaces and Free Boundaries, 2019, 21, 169-198.	0.2	1
17	Dynamic perfect plasticity and damage in viscoelastic solids. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2019, 99, e201800161.	0.9	4
18	Mathematical Methods in Continuum Mechanics of Solids. Interaction of Mechanics and Mathematics, 2019, , .	0.9	47

#	Article	IF	Citations
19	Models of Dynamic Damage and Phase-field Fracture, and their Various Time Discretisations. CIM Series in Mathematical Sciences, 2019, , 363-396.	0.4	7
20	A thermodynamically consistent model of magneto-elastic materials under diffusion at large strains and its analysis. Zeitschrift Fur Angewandte Mathematik Und Physik, 2018, 69, 1.	0.7	10
21	Seismic waves and earthquakes in a global monolithic model. Continuum Mechanics and Thermodynamics, 2018, 30, 709-729.	1.4	2
22	Two adhesive-contact models for quasistatic mixed-mode delamination problems. Mathematics and Computers in Simulation, 2018, 145, 18-33.	2.4	5
23	Thermodynamics of Elastoplastic Porous Rocks at Large Strains Towards Earthquake Modeling. SIAM Journal on Applied Mathematics, 2018, 78, 2597-2625.	0.8	6
24	Stress-driven solution to rate-independent elasto-plasticity with damage at small strains and its computer implementation. Mathematics and Mechanics of Solids, 2017, 22, 1267-1287.	1.5	13
25	Identification of some nonsmooth evolution systems with illustration on adhesive contacts at small strains. Optimization, 2017, 66, 2025-2049.	1.0	4
26	Geophysical models of heat and fluid flow in damageable poro-elastic continua. Continuum Mechanics and Thermodynamics, 2017, 29, 625-646.	1.4	9
27	Energy-Conserving Time Discretization of Abstract Dynamic Problems with Applications in Continuum Mechanics of Solids. Numerical Functional Analysis and Optimization, 2017, 38, 1143-1172.	0.6	8
28	Quasistatic normal-compliance contact problem of visco-elastic bodies with Coulomb friction implemented by QP and SGBEM. Journal of Computational and Applied Mathematics, 2017, 315, 249-272.	1.1	10
29	Variational methods for steadyâ€state Darcy/Fick flow in swollen and poroelastic solids. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2017, 97, 990-1002.	0.9	1
30	An energy-conserving time-discretisation scheme for poroelastic media with phase-field fracture emitting waves and heat. Discrete and Continuous Dynamical Systems - Series S, 2017, 10, 867-893.	0.6	4
31	Rate-independent elastoplasticity at finite strains and its numerical approximation. Mathematical Models and Methods in Applied Sciences, 2016, 26, 2203-2236.	1.7	32
32	Perfect Plasticity with Damage and Healing at Small Strains, Its Modeling, Analysis, and Computer Implementation. SIAM Journal on Applied Mathematics, 2016, 76, 314-340.	0.8	21
33	Local-solution approach to quasistatic rate-independent mixed-mode delamination. Mathematical Models and Methods in Applied Sciences, 2015, 25, 1337-1364.	1.7	18
34	Thermomechanics of damageable materials under diffusion: modelling and analysis. Zeitschrift Fur Angewandte Mathematik Und Physik, 2015, 66, 3535-3572.	0.7	14
35	Quasistatic adhesive contact delaminating in mixed mode and its numerical treatment. Mathematics and Mechanics of Solids, 2015, 20, 582-599.	1.5	12
36	Rate-Independent Systems. Applied Mathematical Sciences (Switzerland), 2015, , .	0.4	159

#	Article	IF	Citations
37	Stress-driven local-solution approach to quasistatic brittle delamination. Nonlinear Analysis: Real World Applications, 2015, 22, 645-663.	0.9	13
38	Maximally-dissipative local solutions to rate-independent systems and application to damage and delamination problems. Nonlinear Analysis: Theory, Methods & Applications, 2015, 113, 33-50.	0.6	17
39	Rate-independent systems in Banach spaces. Applied Mathematical Sciences (Switzerland), 2015, , 117-234.	0.4	1
40	Energetic rate-independent systems. Applied Mathematical Sciences (Switzerland), 2015, , 45-115.	0.4	1
41	Beyond rate-independence. Applied Mathematical Sciences (Switzerland), 2015, , 459-577.	0.4	0
42	Applications in continuum mechanics and physics of solids. Applied Mathematical Sciences (Switzerland), 2015, , 235-458.	0.4	0
43	A general view of rate-independent systems. Applied Mathematical Sciences (Switzerland), 2015, , 1-43.	0.4	0
44	Energetic versus maximally-dissipative local solutions of a quasi-static rate-independent mixed-mode delamination model. Meccanica, 2014, 49, 2933-2963.	1.2	37
45	A note about the rate-and-state-dependent friction model in a thermodynamic framework of the Biot-type equation. Geophysical Journal International, 2014, 199, 286-295.	1.0	18
46	Magnetic shape-memory alloys: thermomechanical modelling and analysis. Continuum Mechanics and Thermodynamics, 2014, 26, 783-810.	1.4	16
47	A simple and efficient BEM implementation of quasistatic linear visco-elasticity. International Journal of Solids and Structures, 2014, 51, 2261-2271.	1.3	16
48	Thermomechanics of hydrogen storage in metallic hydrides: Modeling and analysis. Discrete and Continuous Dynamical Systems - Series B, 2014, 19, 2313-2333.	0.5	8
49	Phase Transformations in Electrically Conductive Ferromagnetic Shape-Memory Alloys, Their Thermodynamics and Analysis. Archive for Rational Mechanics and Analysis, 2013, 210, 1-43.	1.1	13
50	BEM solution of delamination problems using an interface damage and plasticity model. Computational Mechanics, 2013, 51, 505-521.	2.2	15
51	Nonlinearly coupled thermo-visco-elasticity. Nonlinear Differential Equations and Applications, 2013, 20, 1243-1275.	0.4	13
52	Thermodynamically consistent mesoscopic model of the ferro/paramagnetic transition. Zeitschrift Fur Angewandte Mathematik Und Physik, 2013, 64, 1-28.	0.7	4
53	Nonlinear Partial Differential Equations with Applications. International Series of Numerical Mathematics, 2013, , .	1.0	245
54	Quasistatic Delamination of Sandwich-Like Kirchhoff-Love Plates. Journal of Elasticity, 2013, 113, 219-250.	0.9	7

#	Article	IF	Citations
55	Numerical approaches to thermally coupled perfect plasticity. Numerical Methods for Partial Differential Equations, 2013, 29, 1837-1863.	2.0	4
56	A Model of Rupturing Lithospheric Faults with Reoccurring Earthquakes. SIAM Journal on Applied Mathematics, 2013, 73, 1460-1488.	0.8	18
57	Adhesive contact delaminating at mixed mode, its thermodynamics and analysis. Interfaces and Free Boundaries, 2013, 15, 1-37.	0.2	12
58	Adhesive Contact of Visco-elastic Bodies and Defect Measures Arising by Vanishing Viscosity. SIAM Journal on Mathematical Analysis, 2013, 45, 101-126.	0.9	45
59	Quasistatic adhesive contact of viscoâ€elastic bodies and its numerical treatment for very small viscosity. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2013, 93, 823-840.	0.9	30
60	Editorial: Christof Eck 24.04.1968-14.09.2011. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2013, 93, 717-718.	0.9	0
61	DELAMINATION AND ADHESIVE CONTACT MODELS AND THEIR MATHEMATICAL ANALYSIS AND NUMERICAL TREATMENT. Computational and Experimental Methods in Structures, 2013, , 349-400.	0.2	21
62	Thermodynamics of perfect plasticity. Discrete and Continuous Dynamical Systems - Series S, 2013, 6, 193-214.	0.6	16
63	A quasistatic mixed-mode delamination model. Discrete and Continuous Dynamical Systems - Series S, 2013, 6, 591-610.	0.6	8
64	Micro-to-Meso Scale Limit for Shape-Memory-Alloy Models with Thermal Coupling. Multiscale Modeling and Simulation, 2012, 10, 1059-1089.	0.6	4
65	Quasi-Static Small-Strain Plasticity in the Limit of Vanishing Hardening and Its Numerical Approximation. SIAM Journal on Numerical Analysis, 2012, 50, 951-976.	1.1	36
66	From Damage to Delamination in Nonlinearly Elastic Materials at Small Strains. Journal of Elasticity, 2012, 109, 235-273.	0.9	31
67	Thermo-visco-elasticity with rate-independent plasticity in isotropic materials undergoing thermal expansion. ESAIM: Mathematical Modelling and Numerical Analysis, 2011, 45, 477-504.	0.8	36
68	Approximation in multiscale modelling of microstructure evolution in shape-memory alloys. Continuum Mechanics and Thermodynamics, 2011, 23, 491-507.	1.4	11
69	Quasistatic delamination models for Kirchhoffâ€Love plates. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2011, 91, 845-865.	0.9	9
70	Thermodynamics and analysis of rate-independent adhesive contact at small strains. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 3159-3190.	0.6	41
71	FERROMAGNETS WITH EDDY CURRENTS AND PINNING EFFECTS: THEIR THERMODYNAMICS AND ANALYSIS. Mathematical Models and Methods in Applied Sciences, 2011, 21, 29-55.	1.7	10
72	On certain convex compactifications for relaxation in evolution problems. Discrete and Continuous Dynamical Systems - Series S, 2011, 4, 467-482.	0.6	1

#	Article	IF	Citations
73	Thermodynamics of shape-memory alloys under electric current. Zeitschrift Fur Angewandte Mathematik Und Physik, 2010, 61, 1-20.	0.7	13
74	A Thermodynamically Consistent Theory of the Ferro/Paramagnetic Transition. Archive for Rational Mechanics and Analysis, 2010, 198, 1057-1094.	1.1	22
75	Complete damage in elastic and viscoelastic media and its energetics. Computer Methods in Applied Mechanics and Engineering, 2010, 199, 1242-1253.	3.4	39
76	Thermodynamics of Rate-independent Processes in Viscous Solids at Small Strains. SIAM Journal on Mathematical Analysis, 2010, 42, 256-297.	0.9	57
77	Coarse-Convex-Compactification Approach to Numerical Solution of Nonconvex Variational Problems. Numerical Functional Analysis and Optimization, 2010, 31, 460-488.	0.6	1
78	Optimal Control of Planar Flow of Incompressible Non-Newtonian Fluids. Zeitschrift Fur Analysis Und Ihre Anwendung, 2010, 29, 351-376.	0.8	18
79	Numerical approaches to rate-independent processes and applications in inelasticity. ESAIM: Mathematical Modelling and Numerical Analysis, 2009, 43, 399-428.	0.8	36
80	Rateâ€independent processes in viscous solids at small strains. Mathematical Methods in the Applied Sciences, 2009, 32, 825-862.	1.2	53
81	On non-Newtonian Fluids with Energy Transfer. Journal of Mathematical Fluid Mechanics, 2009, 11, 110-125.	0.4	8
82	A complete-damage problem at small strains. Zeitschrift Fur Angewandte Mathematik Und Physik, 2009, 60, 205-236.	0.7	37
83	Quasistatic delamination problem. Continuum Mechanics and Thermodynamics, 2009, 21, 223-235.	1.4	43
84	The Gilbert equation with dry-friction-type damping. Journal of Mathematical Analysis and Applications, 2009, 355, 453-468.	0.5	18
85	Thermo-visco-elasticity at small strains with ?Â¹-data. Quarterly of Applied Mathematics, 2009, 67, 47-71.	0.5	18
86	Î“-limits and relaxations for rate-independent evolutionary problems. Calculus of Variations and Partial Differential Equations, 2008, 31, 387-416.	0.9	149
87	Thermoviscoplasticity at small strains. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2008, 88, 735-754.	0.9	20
88	Identification of Preisach-Type Hysteresis Operators. Numerical Functional Analysis and Optimization, 2008, 29, 149-160.	0.6	6
89	Incompressible Ionized Non-Newtonian Fluid Mixtures. SIAM Journal on Mathematical Analysis, 2007, 39, 863-890.	0.9	29
90	Analysis and Numerics for Rate-Independent Processes. Oberwolfach Reports, 2007, 4, 591-666.	0.0	0

#	Article	IF	Citations
91	Optimal control of Navierâ€“Stokes equations by Oseen approximation. Computers and Mathematics With Applications, 2007, 53, 569-581.	1.4	21
92	Nash Equilibria in Noncooperative Predator-Prey Games. Applied Mathematics and Optimization, 2007, 56, 211-241.	0.8	14
93	On Nash Equilibria for Noncooperative Games Governed by the Burgers Equation. Journal of Optimization Theory and Applications, 2007, 132, 41-50.	0.8	4
94	JiÅ™Ã-V. Outrata, sailing analyst, becomes sixty. Applications of Mathematics, 2007, 52, 449-452.	0.9	0
95	A mesoscopical model of shape memory alloys; 146â€“154. Proceedings of the Estonian Academy of Sciences: Physics, Mathematics, 2007, 56, 146.	0.3	4
96	Numerical Techniques in Relaxed Optimization Problems. , 2006, , 157-178.		4
97	Incompressible ionized fluid mixtures. Continuum Mechanics and Thermodynamics, 2006, 17, 493-509.	1.4	17
98	Martensitic transformation in NiMnGa single crystals: Numerical simulation and experiments. International Journal of Plasticity, 2006, 22, 1943-1961.	4.1	34
99	A Rate-Independent Approach to the Delamination Problem. Mathematics and Mechanics of Solids, 2006, 11, 423-447.	1.5	56
100	Mesoscopic model of microstructure evolution in shape memory alloys, its numerical analysis and computer implementation. GAMM Mitteilungen, 2006, 29, 192-214.	2.7	7
101	RATE-INDEPENDENT DAMAGE PROCESSES IN NONLINEAR ELASTICITY. Mathematical Models and Methods in Applied Sciences, 2006, 16, 177-209.	1.7	98
102	Maximum Principle in the Optimal Design of Plates with Stratified Thickness. Applied Mathematics and Optimization, 2005, 51, 183-200.	0.8	1
103	Mesoscopic model for ferromagnets with isotropic hardening. Zeitschrift Fur Angewandte Mathematik Und Physik, 2005, 56, 107-135.	0.7	13
104	Modelling of Microstructure and its Evolution in Shape-Memory-Alloy Single-Crystals, in Particular in CuAlNi. Meccanica, 2005, 40, 389-418.	1.2	86
105	Microstructure evolution model in micromagnetics. Zeitschrift Fur Angewandte Mathematik Und Physik, 2004, 55, 159-182.	0.7	23
106	Linear-programming approach to nonconvex variational problems. Numerische Mathematik, 2004, 99, 251-287.	0.9	8
107	Interactions between demagnetizing field and minor-loop development in bulk ferromagnets. Journal of Magnetism and Magnetic Materials, 2004, 277, 192-200.	1.0	6
108	Models of Microstructure Evolution in Shape Memory Alloys. , 2004, , 269-304.		21

#	Article	IF	Citations
109	Higher-Order Convex Approximations of Young Measures in Optimal Control. Advances in Computational Mathematics, 2003, 19, 73-97.	0.8	6
110	Modelling and numerical simulation of martensitic transformation in shape memory alloys. Continuum Mechanics and Thermodynamics, 2003, 15, 463-485.	1.4	33
111	Specimen shape influence on hysteretic response of bulk ferromagnets. Journal of Magnetism and Magnetic Materials, 2003, 256, 158-167.	1.0	8
112	On the effect of dissipation in shape-memory alloys. Nonlinear Analysis: Real World Applications, 2003, 4, 581-597.	0.9	29
113	A Rate-Independent Model for Inelastic Behavior of Shape-Memory Alloys. Multiscale Modeling and Simulation, 2003, 1, 571-597.	0.6	88
114	Optimization of Steady-State Flow of Incompressible Fluids. IFIP Advances in Information and Communication Technology, 2003, , 357-368.	0.5	2
115	Optimal design of laminated composites. Lecture Notes in Applied and Computational Mechanics, 2003, , 129-134.	2.0	0
116	Optimization of Steady Flows for Incompressible Viscous Fluids. , 2002, , 355-372.		0
117	Evolution model for martensitic phase transformation in shape-memory alloys. Interfaces and Free Boundaries, 2002, 4, 111-136.	0.2	21
118	Visco-elasto-plastic model for martensitic phase transformation in shape-memory alloys. Mathematical Methods in the Applied Sciences, 2002, 25, 1281-1298.	1.2	21
119	Optimal control of causal differentialâ€“algebraic systems. Journal of Mathematical Analysis and Applications, 2002, 269, 616-641.	0.5	24
120	Buoyancy-driven viscous flow with L1-data. Nonlinear Analysis: Theory, Methods & Applications, 2001, 46, 737-755.	0.6	16
121	Adaptive Approximation Algorithm for Relaxed Optimization Problems. , 2001, , 242-254.		6
122	Numerical approximation of young measuresin non-convex variational problems. Numerische Mathematik, 2000, 84, 395-415.	0.9	47
123	Weierstrass-Type Maximum Principle for Microstructure in Micromagnetics. Zeitschrift Fur Analysis Und Ihre Anwendung, 2000, 19, 415-428.	0.8	3
124	Dissipative Evolution of Microstructure in Shape Memory Alloys. , 2000, , 45-63.		17
125	Optimization Problems With Concentration And Oscillation Effects: Relaxation Theory And Numerical Approximation. Numerical Functional Analysis and Optimization, 1999, 20, 511-530.	0.6	22
126	Some geometric properties of the set of generalized Young functionals. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 1999, 129, 601-616.	0.8	2

#	Article	IF	Citations
127	Noncooperative Games with Elliptic Systems. , 1999, , 245-255.		3
128	Optimal Control of Nonlinear Fredholm Integral Equations. Journal of Optimization Theory and Applications, 1998, 97, 707-729.	0.8	6
129	Nonlinear heat equation with L 1 -data. Nonlinear Differential Equations and Applications, 1998, 5, 517-527.	0.4	6
130	Existence Results for Some Nonconvex Optimization Problems Governed by Nonlinear Processes. , 1998, , 87-96.		2
131	Relaxation in Optimization Theory and Variational Calculus. , 1997, , .		216
132	Existence of solutions of certain nonconvex optimal control problems governed by nonlinear integral equations. Optimization, 1997, 42, 91-108.	1.0	5
133	Explicit Characterization ofLp-Young Measures. Journal of Mathematical Analysis and Applications, 1996, 198, 830-843.	0.5	25
134	Relaxation of optimal control problems coercive in L P -spaces. , 1996, , 270-277.		2
135	About the concept of measure-valued solutions to distributed parameter systems. Mathematical Methods in the Applied Sciences, 1995, 18, 671-685.	1.2	12
136	Theory of convex local compactifications with applications to lebesgue spaces. Nonlinear Analysis: Theory, Methods & Applications, 1995, 25, 607-628.	0.6	2
137	Approximation theory for generalized young measures. Numerical Functional Analysis and Optimization, 1995, 16, 1233-1253.	0.6	13
138	Optimal control of a fine structure. Applied Mathematics and Optimization, 1994, 30, 113-126.	0.8	3
139	Finite element approximation of a microstructure evolution. Mathematical Methods in the Applied Sciences, 1994, 17, 377-393.	1.2	12
140	Various Relaxations in Optimal Control of Distributed Parameter Systems. , 1994, , 327-341.		0
141	Thermomechanical evolution of a microstructure. Quarterly of Applied Mathematics, 1994, 52, 721-737.	0.5	2
142	Evolution of a microstructure: A convexified model. Mathematical Methods in the Applied Sciences, 1993, 16, 625-642.	1.2	4
143	Convex compactifications in optimal control theory. , 1992, , 433-439.		2
144	A general view to relaxation methods in control theory¹. Optimization, 1992, 23, 261-268.	1.0	3

#	Article	IF	Citations
145	A stable approximation of a constrained optimal control for continuous casting. Numerical Functional Analysis and Optimization, 1992, 13, 487-494.	0.6	8
146	A note on an interaction between penalization and discretization. , 1991, , 145-150.		5
147	Convex compactifications and special extensions of optimization problems. Nonlinear Analysis: Theory, Methods & Applications, 1991, 16, 1117-1126.	0.6	7
148	Convergent computational method for relaxed optimal control problems. Journal of Optimization Theory and Applications, 1991, 69, 589-603.	0.8	12
149	Numerical solution of the nonlinear heat equation in heterogeneous media‹sup›1‹/sup›. Numerical Functional Analysis and Optimization, 1990, 11, 793-810.	0.6	4
150	A generalization of the Lions-Temam compact imbedding theorem. ÄŒasopis Pro PÄ›stovÃ¡nÃ-Matematiky, 1990, 115, 338-342.	0.1	22
151	A Finite-Element Approximation of Stefan Problems in Heterogeneous Media. , 1990, , 267-275.		2
152	Stable extensions of constrained optimization problems. Journal of Mathematical Analysis and Applications, 1989, 141, 120-135.	0.5	7
153	The Stefan problem in heterogeneous media. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 1989, 6, 481-501.	0.7	18
154	Generalized Solutions of Constrained Optimization Problems. SIAM Journal on Control and Optimization, 1986, 24, 951-960.	1.1	7
155	Optimal control of a Stefan problem with state-space constraints. Numerische Mathematik, 1986, 50, 723-744.	0.9	12
156	Optimal control of variational inequalities. Approximation theory and numerical realization. Applied Mathematics and Optimization, 1986, 14, 187-201.	0.8	21
157	Generalized solutions in optimization. , 1986, , .		0
158	Hybrid solution of weakly formulated boundary-value problems. Mathematics and Computers in Simulation, 1984, 26, 11-19.	2.4	3
159	Thermodynamically consistent model for poroelastic rocks towards tectonic and volcanic processes and earthquakes. Geophysical Journal International, 0, , .	1.0	4