Haitao Qi

List of Publications by Year in descending order

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63	1,949	249298	299063
papers	citations	26 h-index	42 g-index

64	64	64	1095
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Numerical study of pulsatile non-Newtonian blood flow and heat transfer in small vessels under a magnetic field. International Communications in Heat and Mass Transfer, 2022, 133, 105930.	2.9	17
2	SORET AND MEMORY EFFECTS ON UNSTEADY MHD NATURAL CONVECTION HEAT AND MASS TRANSFER FLOW IN A POROUS MEDIUM WITH NEWTONIAN HEATING. Journal of Porous Media, 2021, 24, 45-59.	1.0	9
3	Effect of magnetic field on electroosmotic flow of viscoelastic fluids in a microchannel. Electrophoresis, 2021, 42, 2347-2355.	1.3	9
4	Numerical simulation of a twoâ€compartmental fractional model in pharmacokinetics and parameters estimation. Mathematical Methods in the Applied Sciences, 2021, 44, 11526-11536.	1.2	4
5	Numerical simulation and parameters estimation of the time fractional dual-phase-lag heat conduction in femtosecond laser heating. International Communications in Heat and Mass Transfer, 2021, 125, 105355.	2.9	15
6	Analysis of the time-space fractional bioheat transfer equation for biological tissues during laser irradiation. International Journal of Heat and Mass Transfer, 2021, 177, 121555.	2.5	20
7	Numerical analysis for viscoelastic fluid flow with distributed/variable order time fractional Maxwell constitutive models. Applied Mathematics and Mechanics (English Edition), 2021, 42, 1771-1786.	1.9	13
8	Numerical study of electroosmotic slip flow of fractional Oldroydâ€B fluids at high zeta potentials. Electrophoresis, 2020, 41, 769-777.	1.3	17
9	Analytical and numerical analysis of time fractional dual-phase-lag heat conduction during short-pulse laser heating. Numerical Algorithms, 2020, 85, 1385-1408.	1.1	8
10	Numerical analysis for rotating electro-osmotic flow of fractional Maxwell fluids. Applied Mathematics Letters, 2020, 103, 106179.	1.5	35
11	Transient magnetohydrodynamic flow and heat transfer of fractional Oldroyd-B fluids in a microchannel with slip boundary condition. Physics of Fluids, 2020, 32, .	1.6	43
12	Position Control of Pneumatic Actuators Using Three-Mode Discrete-Valued Model Predictive Control. Actuators, 2019, 8, 56.	1.2	15
13	Numerical method for the estimation of the fractional parameters in the fractional mobile/immobile advectionâ€“diffusion model. International Journal of Computer Mathematics, 2018, 95, 1131-1150.	1.0	12
14	Numerical analysis for electroosmotic flow of fractional Maxwell fluids. Applied Mathematics Letters, 2018, 78, 1-8.	1.5	53
15	A Novel Sliding Mode Control Framework for Electrohydrostatic Position Actuation System. Mathematical Problems in Engineering, 2018, 2018, 1-22.	0.6	9
16	An efficient finite element method for the two-dimensional nonlinear timeâ€“space fractional SchrÃ¶dinger equation on an irregular convex domain. Applied Mathematics Letters, 2018, 86, 103-110.	1.5	16
17	Analytical and numerical study of electroosmotic slip flows of fractional second grade fluids. Communications in Nonlinear Science and Numerical Simulation, 2017, 50, 77-87.	1.7	72
18	Transient electro-osmotic flow of generalized second-grade fluids under slip boundary conditions. Canadian Journal of Physics, 2017, 95, 1313-1320.	0.4	9

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19	Transient electroosmotic slip flow of fractional Oldroyd-B fluids. Microfluidics and Nanofluidics, 2017, 21, 1.	1.0	75
20	Fractional dual-phase-lag heat conduction model for laser pulse heating. , 2017, , .		2
21	Research on new intelligent pump control based on sliding mode variable structure control. , 2017, , .		1
22	Analytical Solution of Electro-Osmotic Peristalsis of Fractional Jeffreys Fluid in a Micro-Channel. Micromachines, 2017, 8, 341.	1.4	44
23	An inverse problem to estimate an unknown order of a Riemannâ€“Liouville fractional derivative for a fractional Stokesâ€™ first problem for a heated generalized second grade fluid. Acta Mechanica Sinica/Lixue Xuebao, 2015, 31, 153-161.	1.5	31
24	Modelling and simulation of a novel dual-redundancy electro-hydrostatic actuator. , 2015, , .		1
25	Parameter estimation for the generalized fractional element network Zener model based on the Bayesian method. Physica A: Statistical Mechanics and Its Applications, 2015, 427, 40-49.	1.2	50
26	Electro-osmotic slip flow of Eyring fluid in a slit microchannel. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 174702.	0.2	3
27	Boundary element analysis for the hemodynamic characteristics of the aortic dissection. , 2014, , .		1
28	Electroosmotic flow of Eyring fluid in slit microchannel with slip boundary condition. Applied Mathematics and Mechanics (English Edition), 2014, 35, 689-696.	1.9	17
29	Transient fractional heat conduction with generalized Cattaneo model. International Journal of Heat and Mass Transfer, 2014, 76, 535-539.	2.5	70
30	The Cattaneo-type time fractional heat conduction equation for laser heating. Computers and Mathematics With Applications, 2013, 66, 824-831.	1.4	67
31	Fractional Cattaneo heat equation in a semi-infinite medium. Chinese Physics B, 2013, 22, 014401.	0.7	21
32	Compound control on electro-hydraulic servo loading test bench. , 2013, , .		1
33	Modelling and Simulation of Dissimilar Triplex Redundant Hybrid Actuation System. Journal of Applied Sciences, 2013, 13, 1564-1569.	0.1	0
34	Thermal wave model of bioheat transfer with modified Riemannâ€“Liouville fractional derivative. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 485101.	0.7	75
35	Architecture Optimization of More Electric Aircraft Actuation System. Chinese Journal of Aeronautics, 2011, 24, 506-513.	2.8	33
36	Some duct flows of a fractional Maxwell fluid. European Physical Journal: Special Topics, 2011, 193, 71-79.	1.2	22

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37	Solutions of the space-time fractional Cattaneo diffusion equation. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 1876-1883.	1.2	95
38	Optimization of the control strategy for EHA-VPVM system. , 2011, , .		9
39	Exact solutions of fractional SchrÃ¶dinger-like equation with a nonlocal term. Journal of Mathematical Physics, 2011, 52, 042105.	0.5	23
40	The application of co-simulation based on AMESim and Matlab in electro-hydraulic servo system. , 2011, , .		7
41	Application of heat pipe technology in the design of hydraulic motor pump. , 2011, , .		2
42	On exact solutions for some oscillating motions of a generalized Oldroyd-B fluid. Zeitschrift Fur Angewandte Mathematik Und Physik, 2010, 61, 133-145.	0.7	16
43	The fractional diffusion model with an absorption term and modified Fickâ€™s law for non-local transport processes. Nonlinear Analysis: Real World Applications, 2010, 11, 262-269.	0.9	65
44	Hysteresis and precondition of the standard viscoelastic solid model. Nonlinear Analysis: Real World Applications, 2010, 11, 3066-3076.	0.9	2
45	Time-fractional radial diffusion in hollow geometries. Meccanica, 2010, 45, 577-583.	1.2	29
46	Analytical solutions for anomalous transport of volatile pollutants in nonaqueous-phase liquid contaminated soil. Nonlinear Dynamics, 2010, 62, 895-904.	2.7	3
47	Starting solutions for a viscoelastic fluid with fractional Burgersâ€™ model in an annular pipe. Nonlinear Analysis: Real World Applications, 2010, 11, 547-554.	0.9	37
48	Exact solutions for some oscillating motions of a fractional Burgersâ€™ fluid. Mathematical and Computer Modelling, 2010, 51, 682-692.	2.0	58
49	Dissipated energy function, hysteresis and precondition of a viscoelastic solid model. Nonlinear Analysis: Real World Applications, 2010, 11, 907-912.	0.9	12
50	Investigation in hybrid actuation for duplex actuators operating in active/no-load modes. , 2009, , .		2
51	On accelerated flows of a viscoelastic fluid with the fractional Burgersâ€™ model. Nonlinear Analysis: Real World Applications, 2009, 10, 2286-2296.	0.9	70
52	Some accelerated flows for a generalized Oldroyd-B fluid. Nonlinear Analysis: Real World Applications, 2009, 10, 980-991.	0.9	27
53	Exact solutions of starting flows for a fractional Burgersâ€™ fluid between coaxial cylinders. Nonlinear Analysis: Real World Applications, 2009, 10, 1775-1783.	0.9	33
54	Exact solutions for a viscoelastic fluid with the generalized Oldroyd-B model. Nonlinear Analysis: Real World Applications, 2009, 10, 2590-2599.	0.9	20

#	Article	IF	Citations
55	Unsteady helical flows of a generalized Oldroyd-B fluid with fractional derivative. Nonlinear Analysis: Real World Applications, 2009, 10, 2700-2708.	0.9	74
56	Exact solutions for some oscillating flows of a second grade fluid with a fractional derivative model. Mathematical and Computer Modelling, 2009, 49, 1519-1530.	2.0	26
57	Decay of potential vortex for a viscoelastic fluid with fractional Maxwell model. Applied Mathematical Modelling, 2009, 33, 2526-2533.	2.2	43
58	Some unsteady unidirectional flows of a generalized Oldroyd-B fluid with fractional derivative. Applied Mathematical Modelling, 2009, 33, 4184-4191.	2.2	84
59	Active disturbance rejection control for the airborne pmsm in direct drive ema application. , 2009, , .		11
60	Unsteady flow of viscoelastic fluid with fractional Maxwell model in a channel. Mechanics Research Communications, 2007, 34, 210-212.	1.0	112
61	Stokesâ€™ first problem for a viscoelastic fluid with the generalized Oldroyd-B model. Acta Mechanica Sinica/Lixue Xuebao, 2007, 23, 463-469.	1.5	106
62	Unsteady Rotating Flows of a Viscoelastic Fluid with the Fractional Maxwell Model Between Coaxial Cylinders. Acta Mechanica Sinica/Lixue Xuebao, 2006, 22, 301-305.	1.5	91
63	Electrical impedance tomography for clinical application. Science China Technological Sciences, 0, , 1.	2.0	1