

# Bo Yu

## List of Publications by Year in descending order

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11  
papers

235  
citations

1163117

8  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

192  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel compact numerical method for solving the two-dimensional non-linear fractional reaction-subdiffusion equation. <i>Numerical Algorithms</i> , 2015, 68, 923-950.	1.9	73
2	Numerical algorithms to estimate relaxation parameters and Caputo fractional derivative for a fractional thermal wave model in spherical composite medium. <i>Applied Mathematics and Computation</i> , 2016, 274, 106-118.	2.2	43
3	Numerical Identification of the Fractional Derivatives in the Two-Dimensional Fractional Cable Equation. <i>Journal of Scientific Computing</i> , 2016, 68, 252-272.	2.3	40
4	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. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2015, 31, 153-161.	3.4	31
5	Temperature prediction by a fractional heat conduction model for the bi-layered spherical tissue in the hyperthermia experiment. <i>International Journal of Thermal Sciences</i> , 2019, 145, 105990.	4.9	13
6	Numerical method for the estimation of the fractional parameters in the fractional mobile/immobile advectionâ€“diffusion model. <i>International Journal of Computer Mathematics</i> , 2018, 95, 1131-1150.	1.8	12
7	A Fractional Anomalous Diffusion Model and Numerical Simulation for Sodium Ion Transport in the Intestinal Wall. <i>Advances in Mathematical Physics</i> , 2013, 2013, 1-8.	0.8	10
8	Parameter estimation for the time fractional heat conduction model based on experimental heat flux data. <i>Applied Mathematics Letters</i> , 2020, 102, 106094.	2.7	8
9	Highâ€“order compact finite difference method for the multiâ€“term time fractional mixed diffusion and diffusionâ€“wave equation. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 6526-6539.	2.3	3
10	High-order efficient numerical method for solving a generalized fractional Oldroyd-B fluid model. <i>Journal of Applied Mathematics and Computing</i> , 2021, 66, 749-768.	2.5	2
11	Parameters identification for the unsteady helical flows of a generalized Oldroyd-B fluid model based on its numerical solution. <i>Canadian Journal of Physics</i> , 2017, 95, 682-690.	1.1	0