

# Xiao-xu Dong

## List of Publications by Year in descending order

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11  
papers

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citations

1937685

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1872680

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	The elastic boundary value problem of extended modified Bessel equation and its application in fractal homogeneous reservoir. Computational and Applied Mathematics, 2020, 39, 1.	2.2	10
2	Similar constructing method for solving nonlinear spherical seepage model with quadratic pressure gradient of three-region composite fractal reservoir. Computational and Applied Mathematics, 2019, 38, 1.	2.2	9
3	Research on convection-reaction-diffusion model of contaminants in fracturing flowback fluid in non-equidistant fractures with arbitrary inclination of shale gas development. Journal of Petroleum Science and Engineering, 2022, 208, 109479.	4.2	6
4	Transient Analysis of Contaminant Diffusion in the Wellbore of Shale Gas Horizontal Wells. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	5
5	Similar constructing method for solving nonhomogeneous mixed boundary value problem of n $\in$ interval composite ode and its application. Mathematical Methods in the Applied Sciences, 2019, 42, 1702-1723.	2.3	4
6	Numerical simulation of recovered water flow and contaminants diffusion in the wellbore of shale gas horizontal wells. Environmental Earth Sciences, 2020, 79, 1.	2.7	4
7	Elastic transformation method for solving ordinary differential equations with variable coefficients. AIMS Mathematics, 2021, 7, 1307-1320.	1.6	3
8	Application of a constructive method in solving the composite reservoir model of dual-porosity media with fractal characteristics. Journal of Petroleum Science and Engineering, 2021, , 109702.	4.2	2
9	Rate optimization of fractional flow reservoir model based on the continuous adjoint method. Journal of Petroleum Science and Engineering, 2019, 183, 106346.	4.2	1
10	Similar Constructing Method and Gaver-Stehfest Numerical Inversion Equation for Solving the Composite Reservoir Models Under Three Outer Boundary Conditions. Arabian Journal for Science and Engineering, 0, , 1.	3.0	1
11	The elasticity of the outer boundary and the solution of two-region composite reservoir seepage model. Petroleum Science and Technology, 0, , 1-19.	1.5	1