

# Somayeh Abdi-Mazraeh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8978030/publications.pdf>

Version: 2024-02-01

10  
papers

32  
citations

2258059

3  
h-index

2053705

5  
g-index

10  
all docs

10  
docs citations

10  
times ranked

18  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient computational algorithms for solving one class of fractional boundary value problems. Computational Mathematics and Mathematical Physics, 2013, 53, 920-932.	0.8	8
2	The construction of operational matrices of integral and fractional integral using the flatlet oblique multiwavelets. JVC/Journal of Vibration and Control, 2015, 21, 818-832.	2.6	5
3	Multiple Shooting Method for Solving Black-Scholes Equation. Computational Economics, 2020, 56, 723-746.	2.6	5
4	An efficient computational algorithm for pricing European, barrier and American options. Computational and Applied Mathematics, 2018, 37, 4856-4876.	1.3	3
5	Construction of operational matrices based on linear cardinal B-spline functions for solving fractional stochastic integro-differential equation. Journal of Applied Mathematics and Computing, 2022, 68, 151-175.	2.5	3
6	High-order finite difference method based on linear barycentric rational interpolation for Caputo type sub-diffusion equation. Mathematics and Computers in Simulation, 2022, 199, 60-80.	4.4	3
7	Numerical Solution for a Variable-Order Fractional Nonlinear Cable Equation via Chebyshev Cardinal Functions. Computational Mathematics and Mathematical Physics, 2017, 57, 2047-2056.	0.8	2
8	Construction of new generating function based on linear barycentric rational interpolation for numerical solution of fractional differential equations. Journal of Computational and Applied Mathematics, 2020, 375, 112799.	2.0	2
9	Fractional second linear multistep methods: The explicit forms for solving fractional differential equations and stability analysis. International Journal of Computer Mathematics, 0, , 1-0.	1.8	1
10	Efficient numerical pricing of American options based on multiple shooting method: a PDE approach. Applicable Analysis, 2023, 102, 3223-3242.	1.3	0