

# Ramazan Ozarlan

## List of Publications by Year in descending order

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30  
papers

352  
citations

1039406

9  
h-index

839053

18  
g-index

31  
all docs

31  
docs citations

31  
times ranked

228  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial survival and growth modeling in frame of nonsingular fractional derivatives. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 2985-3003.	1.2	9
2	Reassessments of gross domestic product model for fractional derivatives with non-singular and singular kernels. <i>Soft Computing</i> , 2021, 25, 1535-1541.	2.1	4
3	Spectral data of conformable Sturm-Liouville direct problems. <i>Analysis and Mathematical Physics</i> , 2021, 11, 1.	0.6	2
4	Existence and uniqueness analysis of solutions for Hilfer fractional spectral problems with applications. <i>Computational and Applied Mathematics</i> , 2021, 40, 1.	1.0	3
5	Oxygen-plankton model under the effect of global warming with nonsingular fractional order. <i>Chaos, Solitons and Fractals</i> , 2020, 132, 109532.	2.5	17
6	Respiration Effect on Plankton-Oxygen Dynamics in view of non-singular time fractional derivatives. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 553, 123942.	1.2	6
7	Fractional order oxygen-plankton system under climate change. <i>Chaos</i> , 2020, 30, 033131.	1.0	6
8	Representation of solutions for Sturm-Liouville eigenvalue problems with generalized fractional derivative. <i>Chaos</i> , 2020, 30, 033137.	1.0	11
9	Marine system dynamical response to a changing climate in frame of power law, exponential decay, and Mittag-Leffler kernel. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 5480-5506.	1.2	3
10	Dynamic analysis of time fractional order oxygen in a plankton system. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	7
11	Kinetic Model for Drying in Frame of Generalized Fractional Derivatives. <i>Fractal and Fractional</i> , 2020, 4, 17.	1.6	9
12	Fractional physical problems including wind-influenced projectile motion with Mittag-Leffler kernel. <i>AIMS Mathematics</i> , 2020, 5, 467-481.	0.7	23
13	Spectral structure and solution of fractional hydrogen atom difference equations. <i>AIMS Mathematics</i> , 2020, 5, 1359-1371.	0.7	2
14	Fractional physical models based on falling body problem. <i>AIMS Mathematics</i> , 2020, 5, 2608-2628.	0.7	20
15	Dünya Bankası Reel Verileri ile Gayri Safi Yurtiçi Hasılla Modeline Conformable Türev Yaklaşımı. <i>Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi</i> , 2020, 7, 1-9.	0.1	1
16	$I^2$ type fractional Sturm-Liouville Coulomb operator and applied results. <i>Mathematical Methods in the Applied Sciences</i> , 2019, 42, 6648-6659.	1.2	12
17	A new approach for higher-order difference equations and eigenvalue problems via physical potentials. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	1
18	Novel Fractional Models Compatible with Real World Problems. <i>Fractal and Fractional</i> , 2019, 3, 15.	1.6	20

#	ARTICLE	IF	CITATIONS
19	Fractional models with singular and non-singular kernels for energy efficient buildings. Chaos, 2019, 29, 023110.	1.0	36
20	Theory of discrete fractional Sturm-Liouville equations and visual results. AIMS Mathematics, 2019, 4, 593-612.	0.7	8
21	The price adjustment equation with different types of conformable derivatives in market equilibrium. AIMS Mathematics, 2019, 4, 805-820.	0.7	18
22	Sturm-Liouville difference equations having Bessel and hydrogen atom potential type. Open Physics, 2018, 16, 801-809.	0.8	8
23	Comparative simulations for solutions of fractional Sturm-Liouville problems with non-singular operators. Advances in Difference Equations, 2018, 2018, .	3.5	24
24	Real world applications of fractional models by Atangana-Baleanu fractional derivative. Chaos, Solitons and Fractals, 2018, 116, 121-125.	2.5	89
25	A Note on Sturm-Liouville Problem for Difference Equations. ITM Web of Conferences, 2017, 13, 01005.	0.4	0
26	Sturm-Liouville Difference Equations Having Special Potentials. Journal of Advanced Physics, 2017, 6, 529-533.	0.4	3
27	Sturm-Liouville problem via coulomb type in difference equations. Filomat, 2017, 31, 989-998.	0.2	8
28	Re-establishment singular spectral problem by nodal data. AIP Conference Proceedings, 2016, , .	0.3	0
29	Asymptotics of eigenfunctions for Sturm-Liouville problem in difference equations. AIP Conference Proceedings, 2016, , .	0.3	1
30	Spectral results of Sturm-Liouville difference equation with Dirichlet boundary conditions. AIP Conference Proceedings, 2016, , .	0.3	1