Ramazan Ozarslan

List of Publications by Year
in descending order

30 papers	352 citations	1039880 9 h-index	839398 18 g-index
31 all docs	31 docs citations	31 times ranked	228 citing authors

#	Article	IF	Citations
1	Real world applications of fractional models by Atanganaâ€"Baleanu fractional derivative. Chaos, Solitons and Fractals, 2018, 116, 121-125.	2.5	89
2	Fractional models with singular and non-singular kernels for energy efficient buildings. Chaos, 2019, 29, 023110.	1.0	36
3	Comparative simulations for solutions of fractional Sturmâ€"Liouville problems with non-singular operators. Advances in Difference Equations, 2018, 2018, .	3.5	24
4	Fractional physical problems including wind-influenced projectile motion with Mittag-Leffler kernel. AIMS Mathematics, 2020, 5, 467-481.	0.7	23
5	Novel Fractional Models Compatible with Real World Problems. Fractal and Fractional, 2019, 3, 15.	1.6	20
6	Fractional physical models based on falling body problem. AIMS Mathematics, 2020, 5, 2608-2628.	0.7	20
7	The price adjustment equation with different types of conformable derivatives in market equilibrium. AIMS Mathematics, 2019, 4, 805-820.	0.7	18
8	Oxygen-plankton model under the effect of global warming with nonsingular fractional order. Chaos, Solitons and Fractals, 2020, 132, 109532.	2.5	17
9	β â˜type fractional Sturmâ€"Liouville Coulomb operator and applied results. Mathematical Methods in the Applied Sciences, 2019, 42, 6648-6659.	1.2	12
10	Representation of solutions for Sturmâ€"Liouville eigenvalue problems with generalized fractional derivative. Chaos, 2020, 30, 033137.	1.0	11
11	Kinetic Model for Drying in Frame of Generalized Fractional Derivatives. Fractal and Fractional, 2020, 4, 17.	1.6	9
12	Microbial survival and growth modeling in frame of nonsingular fractional derivatives. Mathematical Methods in the Applied Sciences, 2021, 44, 2985-3003.	1.2	9
13	Sturm-Liouville difference equations having Bessel and hydrogen atom potential type. Open Physics, 2018, 16, 801-809.	0.8	8
14	Sturm-Liouville problem via coulomb type in difference equations. Filomat, 2017, 31, 989-998.	0.2	8
15	Theory of discrete fractional Sturmâ€"Liouville equations and visual results. AIMS Mathematics, 2019, 4, 593-612.	0.7	8
16	Dynamic analysis of time fractional order oxygen in a plankton system. European Physical Journal Plus, 2020, 135, 1.	1.2	7
17	Respiration Effect on Planktonâ€"Oxygen Dynamics in view of non-singular time fractional derivatives. Physica A: Statistical Mechanics and Its Applications, 2020, 553, 123942.	1.2	6
18	Fractional order oxygenâ€"plankton system under climate change. Chaos, 2020, 30, 033131.	1.0	6

#	Article	IF	Citations
19	Reassessments of gross domestic product model for fractional derivatives with non-singular and singular kernels. Soft Computing, 2021, 25, 1535-1541.	2.1	4
20	Marine system dynamical response to a changing climate in frame of power law, exponential decay, and Mittag–Leffler kernel. Mathematical Methods in the Applied Sciences, 2020, 43, 5480-5506.	1.2	3
21	Existence and uniqueness analysis of solutions for Hilfer fractional spectral problems with applications. Computational and Applied Mathematics, 2021, 40, 1.	1.0	3
22	Sturm-Liouville Difference Equations Having Special Potentials. Journal of Advanced Physics, 2017, 6, 529-533.	0.4	3
23	Spectral data of conformable Sturm–Liouville direct problems. Analysis and Mathematical Physics, 2021, 11, 1.	0.6	2
24	Spectral structure and solution of fractional hydrogen atom difference equations. AIMS Mathematics, 2020, 5, 1359-1371.	0.7	2
25	Asymptotics of eigenfunctions for Sturm-Liouville problem in difference equations. AIP Conference Proceedings, 2016, , .	0.3	1
26	Spectral results of Sturm-Liouville difference equation with Dirichlet boundary conditions. AIP Conference Proceedings, 2016, , .	0.3	1
27	A new approach for higher-order difference equations and eigenvalue problems via physical potentials. European Physical Journal Plus, 2019, 134, 1.	1.2	1
28	Dünya Bankası Reel Verileri İle Gayri Safi Yurtiçi Hasıla Modeline Conformable Türev Yaklaşımı. Bilecik Åžeyh Edebali Üniversitesi Fen Bilimleri Dergisi, 2020, 7, 1-9.	0.1	1
29	Re-establishment singular spectral problem by nodal data. AIP Conference Proceedings, 2016, , .	0.3	0
30	A Note on Sturm-Liouville Problem for Difference Equations. ITM Web of Conferences, 2017, 13, 01005.	0.4	0