

# Mohamed Elhia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4312922/publications.pdf>

Version: 2024-02-01

12  
papers

101  
citations

1684188

5  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

83  
citing authors

#	ARTICLE	IF	CITATIONS
1	An optimal control problem for a spatiotemporal SIR model. International Journal of Dynamics and Control, 2018, 6, 384-397.	2.5	27
2	Optimal Control of an SIR Model with Delay in State and Control Variables. , 2013, 2013, 1-7.		16
3	Fractional optimal control problem for an age-structured model of COVID-19 transmission. Chaos, Solitons and Fractals, 2021, 143, 110625.	5.1	16
4	Set-Valued Control Approach Applied to a COVID-19 Model with Screening and Saturated Treatment Function. Complexity, 2020, 2020, 1-15.	1.6	10
5	A novel control set-valued approach with application to epidemic models. Journal of Applied Mathematics and Computing, 2021, 65, 295-319.	2.5	8
6	Analysis of a Multiple Delays Model for Treatment of Cancer with Oncolytic Virotherapy. Computational and Mathematical Methods in Medicine, 2019, 2019, 1-12.	1.3	6
7	Optimal control problem for a tuberculosis model with multiple infectious compartments and time delays. International Journal of Optimization and Control: Theories and Applications, 2021, 11, 75-91.	1.7	5
8	Analysis of a mathematical model for treatment of cancer with oncolytic virotherapy. Applied Mathematical Sciences, 0, 8, 929-940.	0.1	5
9	A set-valued approach applied to a control problem of tuberculosis with treatment. IMA Journal of Mathematical Control and Information, 2021, 38, 1010-1027.	1.7	4
10	Optimal control and free optimal time problem for a COVID-19 model with saturated vaccination function. Communications in Mathematical Biology and Neuroscience, 0, , .	0.0	3
11	Optimal Control Problem for an Electoral Behavior Model. Differential Equations and Dynamical Systems, 2020, , 1.	1.0	1
12	Set-Valued Control to COVID-19 Spread with Treatment and Limitation of Vaccination Resources. Iranian Journal of Science and Technology, Transaction A: Science, 2022, , 1-10.	1.5	0