

## List of Publications by Year in descending order

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21  
papers

195  
citations

1163065

8  
h-index

1125717

13  
g-index

21  
all docs

21  
docs citations

21  
times ranked

70  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring in a Lotka-Volterra model. <i>BioSystems</i> , 2007, 87, 68-74.	2.0	29
2	Observability and observers in a food web. <i>Applied Mathematics Letters</i> , 2007, 20, 951-957.	2.7	22
3	Observability in dynamic evolutionary models. <i>BioSystems</i> , 2004, 73, 99-109.	2.0	19
4	Observation and control in a model of a cell population affected by radiation. <i>BioSystems</i> , 2009, 96, 172-177.	2.0	17
5	Ecological monitoring in a discrete-time prey-predator model. <i>Journal of Theoretical Biology</i> , 2017, 429, 52-60.	1.7	15
6	Monitoring environmental change in an ecosystem. <i>BioSystems</i> , 2008, 93, 211-217.	2.0	12
7	Application of Change-Point Problem to the Detection of Plant Patches. <i>Acta Biotheoretica</i> , 2010, 58, 51-63.	1.5	11
8	Observer design for phenotypic observation of genetic processes. <i>Nonlinear Analysis: Real World Applications</i> , 2008, 9, 290-302.	1.7	9
9	Observer design for open and closed trophic chains. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 1918-1924.	1.7	8
10	Stock estimation, environmental monitoring and equilibrium control of a fish population with reserve area. <i>Reviews in Fish Biology and Fisheries</i> , 2012, 22, 751-766.	4.9	8
11	Equilibrium, observability and controllability in selection-mutation models. <i>BioSystems</i> , 2005, 81, 65-75.	2.0	7
12	Open- and closed-loop equilibrium control of trophic chains. <i>Ecological Modelling</i> , 2010, 221, 1839-1846.	2.5	7
13	Iterative scheme for the observation of a competitive Lotka-Volterra system. <i>Applied Mathematics and Computation</i> , 2008, 201, 811-818.	2.2	6
14	Verticum-type systems applied to ecological monitoring. <i>Applied Mathematics and Computation</i> , 2010, 215, 3230-3238.	2.2	6
15	Conservation Strategy for Palm Groves: Optimal Chemical Control Model for Red Palm Weevil, <i>Rhynchophorus ferrugineus</i> . <i>Agronomy</i> , 2021, 11, 920.	3.0	6
16	OBSERVATION OF NONLINEAR VERTICUM-TYPE SYSTEMS APPLIED TO ECOLOGICAL MONITORING. <i>International Journal of Biomathematics</i> , 2012, 05, 1250051.	2.9	5
17	Observation and control in models of population genetics. <i>Journal of the Franklin Institute</i> , 2017, 354, 7359-7384.	3.4	3
18	Equilibrium control of nonlinear verticum-type systems, applied to integrated pest control. <i>BioSystems</i> , 2013, 113, 72-80.	2.0	2

#	ARTICLE	IF	CITATIONS
19	Optimization of Mean Fitness of a Population via Artificial Selection. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 147-150.	0.4	1
20	STATISTICAL DETECTION OF SPATIAL PLANT PATTERNS UNDER THE EFFECT OF FOREST USE. International Journal of Biomathematics, 2012, 05, 1250054.	2.9	1
21	Change-Point Method Applied to the Detection of Temporal Variations in Seafloor Bacterial Mat Coverage. Journal of Environmental Informatics, 2017, , .	6.0	1