

Marcelo Otero

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

706
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933447

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1125743

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21
times ranked

825
citing authors

#	ARTICLE	IF	CITATIONS
1	A Stochastic Population Dynamics Model for <i>Aedes Aegypti</i> : Formulation and Application to a City with Temperate Climate. <i>Bulletin of Mathematical Biology</i> , 2006, 68, 1945-1974.	1.9	186
2	Layer-by-layer electrostatic deposition of biomolecules on surfaces for molecular recognition, redox mediation and signal generation. <i>Faraday Discussions</i> , 2000, 116, 47-65.	3.2	107
3	A Stochastic Spatial Dynamical Model for <i>Aedes Aegypti</i> . <i>Bulletin of Mathematical Biology</i> , 2008, 70, 1297-1325.	1.9	96
4	Study of atmospheric particulate matter in Buenos Aires city. <i>Atmospheric Environment</i> , 2003, 37, 1135-1147.	4.1	89
5	The Structure of Layer-by-Layer Self-Assembled Glucose Oxidase and Os(Bpy) ₂ ClPyCH ₂ NH ⁺ Poly(allylamine) Multilayers: A Ellipsometric and Quartz Crystal Microbalance Studies. <i>Langmuir</i> , 2002, 18, 4020-4029.	3.5	70
6	Study of Layer-by-Layer Self-Assembled Viscoelastic Films on Thickness-Shear Mode Resonator Surfaces. <i>Analytical Chemistry</i> , 2002, 74, 3281-3289.	6.5	41
7	Modeling dengue outbreaks. <i>Mathematical Biosciences</i> , 2011, 232, 87-95.	1.9	31
8	Modeling the complex hatching and development of <i>Aedes aegypti</i> in temperate climates. <i>Ecological Modelling</i> , 2013, 253, 44-55.	2.5	28
9	Gravimetric and viscoelastic changes during the oxidation/reduction of layer-by-layer self assembled enzyme multilayers wired by an Os-containing poly(allylamine) polymer. <i>Journal of Electroanalytical Chemistry</i> , 2002, 538-539, 231-241.	3.8	24
10	Comparison of two detailed models of <i>Aedes aegypti</i> population dynamics. <i>Ecosphere</i> , 2016, 7, e01515.	2.2	22
11	QCM Data Analysis and Interpretation. , 0, , 331-398.		3
12	Beyond Pseudo-natural Products: Sequential Ugi/Pictet-Spengler Reactions Leading to Steroidal Pyrazinoisoquinolines That Trigger Caspase-Independent Death in HepG2 Cells. <i>ChemMedChem</i> , 2021, 16, 1945-1955.	3.2	3
13	Multinomial approximation to the Kolmogorov Forward Equation for jump (population) processes. <i>Cogent Mathematics & Statistics</i> , 2018, 5, 1556192.	0.9	2
14	Data analysis and Interpretation in Bulk Acoustic Wave Thickness Shear Mode Sensors. , 2004, , 255-286.		2
15	Chemical Sensors. , 2009, , 241-257.		1
16	Stochastic population model of <i>Zea mays</i> L.. <i>Mathematical Biosciences</i> , 2019, 312, 88-96.	1.9	1
17	Tracing molecular properties throughout evolution: A cheminformatic approach. <i>Journal of Theoretical Biology</i> , 2021, 515, 110601.	1.7	0