

# Ophir Flomenbom

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

932  
citations

567281

15  
h-index

454955

30  
g-index

39  
all docs

39  
docs citations

39  
times ranked

672  
citing authors

#	ARTICLE	IF	CITATIONS
1	Are Socio-Econo-Physical Models Better to Explain Biases in Societies?. Reports in Advances of Physical Sciences, 2018, 02, 1850006.	0.2	1
2	Single file dynamics in soft materials. Soft Matter, 2017, 13, 1096-1106.	2.7	37
3	Customizing Crowdfunding Approaches to Replace "Biased" Funding. Reports in Advances of Physical Sciences, 2017, 01, 1771001.	0.2	1
4	Introduction to the Special Issue on Physics of Societies. Reports in Advances of Physical Sciences, 2017, 01, 1703001.	0.2	2
5	The IncomeGini of Fairness. Reports in Advances of Physical Sciences, 2017, 01, 1740004.	0.2	3
6	From the Physiocrats to Fairness in Nations. Reports in Advances of Physical Sciences, 2017, 01, 1750001.	0.2	7
7	Commentary on the Special Issue Continuation on "Single File Dynamics and Generalizations in Interdisciplinary Sciences" Biophysical Reviews and Letters, 2016, 11, 1-8.	0.8	2
8	Commentary on "Biophysical Economics" and Evolving Areas. Biophysical Reviews and Letters, 2016, 11, 55-61.	0.8	3
9	Mean First Passage Time in Single File Dynamics. Biophysical Reviews and Letters, 2016, 11, 39-54.	0.8	0
10	The Society-Deciders Model and Fairness in Nations. Biophysical Reviews and Letters, 2015, 10, 157-174.	0.8	11
11	How to get more from less. Physics of Life Reviews, 2015, 13, 150-152.	2.8	1
12	Single File Dynamics Advances with a Focus on Biophysical Relevance. Biophysical Reviews and Letters, 2014, 09, 307-331.	0.8	11
13	MATHEMATICAL TREATMENTS THAT SOLVE SINGLE MOLECULES. Biophysical Reviews and Letters, 2013, 08, 109-136.	0.8	15
14	Clustering in anomalous files of independent particles. Europhysics Letters, 2011, 94, 58001.	2.0	17
15	Renewal "anomalous" heterogeneous files. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 4331-4335.	2.1	14
16	Dynamics of heterogeneous hard spheres in a file. Physical Review E, 2010, 82, 031126.	2.1	22
17	The rule for a subdiffusive particle in an extremely diverse environment. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 1405-1408.	2.1	6
18	Toolbox for analyzing finite two-state trajectories. Physical Review E, 2008, 78, 066105.	2.1	20

#	ARTICLE	IF	CITATIONS
19	On single-file and less dense processes. Europhysics Letters, 2008, 83, 20004.	2.0	31
20	Unique Mechanisms From Finite Two-State Trajectories. , 2008, , 337-363.		0
21	Properties of the generalized master equation: Green's functions and probability density functions in the path representation. Journal of Chemical Physics, 2007, 127, 034103.	3.0	7
22	Path-probability density functions for semi-Markovian random walks. Physical Review E, 2007, 76, 041101.	2.1	9
23	Correctly validating results from single molecule data: The case of stretched exponential decay in the catalytic activity of single lipase B molecules. Chemical Physics Letters, 2006, 432, 371-374.	2.6	9
24	Utilizing the information content in two-state trajectories. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10907-10910.	7.1	51
25	<title>Stretched exponential decay and correlations from two-state single molecule trajectories (Invited Paper)</title>. , 2005, 5845, 156.		0
26	DENDRIMER-BASED DEVICES: ANTENNAE AND AMPLIFIERS. , 2005, , 245-279.		6
27	Some new aspects of dendrimer applications. Journal of Luminescence, 2005, 111, 315-325.	3.1	24
28	Single-Enzyme Kinetics of CALB-Catalyzed Hydrolysis. Angewandte Chemie - International Edition, 2005, 44, 560-564.	13.8	177
29	Cover Picture: Single-Enzyme Kinetics of CALB-Catalyzed Hydrolysis (Angew. Chem. Int. Ed. 4/2005). Angewandte Chemie - International Edition, 2005, 44, 495-495.	13.8	0
30	Stretched exponential decay and correlations in the catalytic activity of fluctuating single lipase molecules. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2368-2372.	7.1	273
31	Closed-Form Solutions for Continuous Time Random Walks on Finite Chains. Physical Review Letters, 2005, 95, 098105.	7.8	26
32	What Can One Learn from Two-State Single-Molecule Trajectories?. Biophysical Journal, 2005, 88, 3780-3783.	0.5	78
33	On the relationships between kinetic schemes and two-state single molecule trajectories. Journal of Chemical Physics, 2005, 123, 064903.	3.0	16
34	Translocation of a Single-Stranded DNA Through a Conformationally Changing Nanopore. Biophysical Journal, 2004, 86, 3576-3584.	0.5	21