

Search Authors

[My Citations](#) - [Help](#)

Follow this author

- [Follow new articles](#)
- [Follow new citations](#)

Co-authors

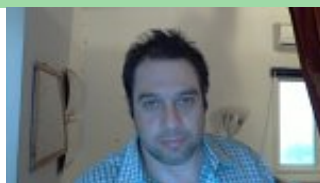
No co-authors

Name

Email

Inviting co-author

Send invitation



[Change photo](#)

Ophir Flomenbom [Edit](#)

FLOMENBOM-BPS LTD [Edit](#)

[biophysics](#) - [socio econo physics](#) - [dynamics](#) [Edit](#)

Email at flomenbom.net [Edit](#) (pending verification [Resend](#))

My profile is public [Edit](#) [Link](#) [Add homepage](#)

Citation indices

	All	Since 2009
Citations	734	363
h-index	12	9
i10-index	14	9

Citations to my articles



Select: [All](#), [None](#) Actions ▼

Show: 100 ▼ 1-39

Cited

Title / Author	by	Year
Stretched exponential decay and correlations in the catalytic activity of fluctuating single lipase molecules O Flomenbom, K Velonia, D Loos, S Masuo, M Cotlet, Y Engelborghs, ... Proceedings of the National Academy of Sciences of the United States of ...	199	2005
Single-Enzyme Kinetics of CALB-Catalyzed Hydrolysis K Velonia, O Flomenbom, D Loos, S Masuo, M Cotlet, Y Engelborghs, ... Angewandte Chemie 117 (4), 566-570	158	2005
What can one learn from two-state single-molecule trajectories? O Flomenbom, J Klafter, A Szabo Biophysical journal 88 (6), 3780-3783	66	2005
Single stranded DNA translocation through a nanopore: A master equation approach O Flomenbom, J Klafter Physical Review E 68 (4), 041910	50	2003
Utilizing the information content in two-state trajectories O Flomenbom, RJ Silbey Proceedings of the National Academy of Sciences 103 (29), 10907-10910	35	2006
Translocation of a single-stranded DNA through a conformationally changing nanopore O Flomenbom, J Klafter Biophysical journal 86 (6), 3576-3584	28	2004
Closed-form solutions for continuous time random walks on finite chains O Flomenbom, J Klafter Physical review letters 95 (9), 098105	26	2005
Resonant activation in discrete systems O Flomenbom, J Klafter Physical Review E 69 (5), 051109	26	2004
Some new aspects of dendrimer applications O Flomenbom, RJ Amir, D Shabat, J Klafter Journal of luminescence 111 (4), 315-325	25	2005
On the relationships between kinetic schemes and two-state single molecule trajectories O Flomenbom, J Klafter The Journal of chemical physics 123, 064903	17	2005
Correctly validating results from single molecule data: The case of stretched exponential decay in the catalytic activity of single lipase B molecules O Flomenbom, J Hofkens, K Velonia, FC de Schryver, AE Rowan, ... Chemical physics letters 432 (1), 371-374	14	2006
Toolbox for analyzing finite two-state trajectories O Flomenbom, RJ Silbey Physical Review E 78 (6), 066105	13	2008
On single-file and less dense processes O Flomenbom, A Taloni EPL (Europhysics Letters) 83 (2), 20004	12	2008

- [Uncorrelated two-state single molecule trajectories from reducible kinetic schemes](#) [12](#) 2005
 O Flomenbom, J Klafter
 arXiv preprint q-bio/0501029
- [Dynamics of heterogeneous hard spheres in a file](#) [9](#) 2010
 O Flomenbom
 Physical Review E 82 (3), 031126
- [Mathematical treatments that solve single molecules](#) [7](#) 2013
 O FLOMENBOM
 Biophysical Reviews and Letters 8 (03n04), 109-136
- [Comment on" Path Summation Formulation of the Master Equation"](#) [6](#) 2006
 O Flomenbom, J Klafter, RJ Silbey
 Physical review letters 97 (17), 178901
- [The rule for a subdiffusive particle in an extremely diverse environment](#) [5](#) 2009
 O Flomenbom
 Physics Letters A 373 (16), 1405-1408
- [Universal properties of mechanisms from two-state trajectories](#) [5](#) 2008
 O Flomenbom, RJ Silbey
 The Journal of chemical physics 128, 114902
- [Path-probability density functions for semi-Markovian random walks](#) [5](#) 2007
 O Flomenbom, RJ Silbey
 Physical Review E 76 (4), 041101
- [Renewal–anomalous–heterogeneous files](#) [4](#) 2010
 O Flomenbom
 Physics Letters A 374 (42), 4331-4335
- [Clustering in anomalous files of independent particles](#) [3](#) 2011
 O Flomenbom
 EPL (Europhysics Letters) 94 (5), 58001
- [Dendrimer-based devices: antennae and amplifiers](#) [3](#) 2005
 O Flomenbom, J Klafter, RJ Amir, D Shabat
 Energy Harvest. Mater, 245-279
- [Making it possible: constructing a reliable mechanism from a finite trajectory](#) [2](#) 2009
 O Flomenbom
 arXiv preprint arXiv:0912.3952
- [Properties of the generalized master equation: Green's functions and probability density functions in the path representation](#) [2](#) 2007
 O Flomenbom, RJ Silbey
 The Journal of chemical physics 127, 034103
- [Utilizing the information content in two-state trajectories \(vol 103, pg 10907, 2006\)](#) [2](#) 2006
 O Flomenbom, RJ Silbey
 Proceedings of the National Academy of Sciences of the United States of ...
- [Solving single molecules: filtering noisy discrete data made of photons and other type of observables](#) 2013
 O Flomenbom

- arXiv preprint arXiv:1306.2435
[Fairness in society](#)
 O Flomenbom 2011
 arXiv preprint arXiv:1112.0262
[Unique mechanisms from finite two-state trajectories](#)
 O Flomenbom, RJ Silbey 2007
 arXiv preprint arXiv:0706.2328
[A glance into single molecules and stochastic processes](#)
 O Flomenbom 2005
 Tel-Aviv University
[Stretched exponential decay and correlations from two-state single molecule trajectories](#)
 O Flomenbom, J Klafter 2005
 SPIE Third International Symposium on Fluctuations and Noise, 156-163
[Titelbild: Single-Enzyme Kinetics of CALB-Catalyzed Hydrolysis \(Angew. Chem. 4/2005\)](#)
 K Velonia, O Flomenbom, D Loos, S Masuo, M Cotlet, Y Engelborghs, ... 2005
 Angewandte Chemie 117 (4), 499-499
[Cover Picture: Single-Enzyme Kinetics of CALB-Catalyzed Hydrolysis \(Angew. Chem. Int. Ed. 4/2005\)](#)
 K Velonia, O Flomenbom, D Loos, S Masuo, M Cotlet, Y Engelborghs, ... 2005
 Angewandte Chemie International Edition 44 (4), 495-495
[Single Stranded DNA Translocation Through a Fluctuating Nanopore](#)
 O Flomenbom, J Klafter 2004
 MATERIALS RESEARCH SOCIETY SYMPOSIUM PROCEEDINGS 790, 221-226
[Corrections-Translocation of a Single-Stranded DNA through a Conformationally Changing Nanopore.](#)
 O Flomenbom, J Klafter 2004
 Biophysical Journal 87 (2), 1398-1398
[Heterogeneous Walkers in Rich Environments](#)
 O Flomenbom
[Interacting random walkers](#)
 T Ambjörnsson, L Lizana, O Flomenbom, A Taloni, RJ Silbey
[Anomalous dynamics in extremely diverse environments](#)
 O Flomenbom
[The society-deciders model and fairness in nations](#)
 O Flomenbom

Select: [All](#), [None](#) ▼

Show: ▼ **1-39**

Dates and citation counts are estimated and are determined automatically by a computer program.

©2013 Google - [About Google Scholar](#) - [All About Google](#) - [Provide feedback](#) - [My Citations](#)