# Antonino Ingargiola

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6868428/publications.pdf

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|---|---|---|---|
| 28 papers | 1,203 citations | 759233 12 h-index | 677142 22 g-index |
| 39 all docs | 39 docs citations | 39 times ranked | 1530 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | FRET-based dynamic structural biology: Challenges, perspectives and an appeal for open-science practices. ELife, 2021, 10, . | 6.0 | 152 |
| 2 | High-throughput smFRET analysis of freely diffusing nucleic acid molecules and associated proteins. Methods, 2019, 169, 21-45. | 3.8 | 5 |
| 3 | Toward dynamic structural biology: Two decades of single-molecule FÃ¶rster resonance energy transfer. Science, 2018, 359, . | 12.6 | 414 |
| 4 | 48-spot single-molecule FRET setup with periodic acceptor excitation. Journal of Chemical Physics, 2018, 148, 123304. | 3.0 | 12 |
| 5 | Membrane insertion ofâ€"and membrane potential sensing byâ€"semiconductor voltage nanosensors: Feasibility demonstration. Science Advances, 2018, 4, e1601453. | 10.3 | 33 |
| 6 | Characterizing highly dynamic conformational states: The transcription bubble in RNAP-promoter open complex as an example. Journal of Chemical Physics, 2018, 148, 123315. | 3.0 | 29 |
| 7 | Optical crosstalk in SPAD arrays for high-throughput single-molecule fluorescence spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 912, 255-258. | 1.6 | 6 |
| 8 | Monte Carlo Diffusion-Enhanced Photon Inference: Distance Distributions and Conformational Dynamics in Single-Molecule FRET. Journal of Physical Chemistry B, 2018, 122, 11598-11615. | 2.6 | 17 |
| 9 | 16-Ch time-resolved single-molecule spectroscopy using line excitation. Proceedings of SPIE, 2017, 10071, . | 0.8 | 4 |
| 10 | Different types of pausing modes during transcription initiation. Transcription, 2017, 8, 242-253. | 3.1 | 16 |
| 11 | Multispot single-molecule FRET: High-throughput analysis of freely diffusing molecules. PLoS ONE, 2017, 12, e0175766. | 2.5 | 27 |
| 12 | FRETBursts: An Open Source Toolkit for Analysis of Freely-Diffusing Single-Molecule FRET. PLoS ONE, 2016, 11, e0160716. | 2.5 | 62 |
| 13 | Sensing Membrane Potential by Inorganic Semiconductor Nanorods. Biophysical Journal, 2016, 110, 519a-520a. | 0.5 | 0 |
| 14 | A Multispot Confocal Platform for High-Throughput Freely Diffusing Single-Molecule FRET Studies. Biophysical Journal, 2016, 110, 194a-195a. | 0.5 | 1 |
| 15 | Photon-HDF5: An Open File Format for Timestamp-Based Single-Molecule Fluorescence Data. Biophysical Journal, 2016, 110, 633a. | 0.5 | 1 |
| 16 | A 16 Channel Spad Array for High-Throughput Tcspc Measurements of Single-Molecule FRET of Freely Diffusing Molecules. Biophysical Journal, 2016, 110, 633a. | 0.5 | 0 |
| 17 | Backtracked and paused transcription initiation intermediate of Escherichia coli RNA polymerase. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6562-E6571. | 7.1 | 78 |
| 18 | Pausing in Escherichia coli Transcription Initiation. Biophysical Journal, 2016, 110, 231a. | 0.5 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Open Computational Tools for Freely Diffusing Single-Molecule Fluorescence Analysis. Biophysical Journal, 2016, 110, 634a. | 0.5 | 2 |
| 20 | Photon-HDF5: An Open File Format for Timestamp-Based Single-Molecule Fluorescence Experiments. Biophysical Journal, 2016, 110, 26-33. | 0.5 | 45 |
| 21 | Photon-HDF5: open data format and computational tools for timestamp-based single-molecule experiments. Proceedings of SPIE, 2016, 9714, . | 0.8 | 10 |
| 22 | Silicon Photon-Counting Avalanche Diodes for Single-Molecule Fluorescence Spectroscopy. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 248-267. | 2.9 | 56 |
| 23 | 8-spot smFRET analysis using two 8-pixel SPAD arrays. , 2013, 8590, . | | 23 |
| 24 | Single-molecule FRET experiments with a red-enhanced custom technology SPAD. , 2013, 8590, . | | 13 |
| 25 | Avalanche Current Measurements in SPADs by Means of Hot-Carrier Luminescence. IEEE Photonics Technology Letters, 2011, 23, 1319-1321. | 2.5 | 7 |
| 26 | Photon-Timing Jitter Dependence on Injection Position in Single-Photon Avalanche Diodes. IEEE Journal of Quantum Electronics, 2011, 47, 151-159. | 1.9 | 36 |
| 27 | A New Approach to Optical Crosstalk Modeling in Single-Photon Avalanche Diodes. IEEE Photonics Technology Letters, 2008, 20, 330-332. | 2.5 | 35 |
| 28 | Optical crosstalk in single photon avalanche diode arrays: a new complete model. Optics Express, 2008, 16, 8381. | 3.4 | 106 |