

Single Molecule Analysis Of Translational Dynamics

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SINGLE-MOLECULE ANALYSIS OF TRANSLATIONAL DYNAMICS

Thu, 01 Jun 2017 15:51:00 GMT

why single-molecule approaches? dynamics have been traditionally measured using bulk methods, with signals sensitive to dynamic changes for a large collection ...

SINGLE-MOLECULE ANALYSIS OF TRANSLATIONAL DYNAMICS

Mon, 22 May 2017 23:56:00 GMT

single-molecule analysis of translational dynamics on researchgate, the professional network for scientists.

SINGLE-MOLECULE ANALYSIS OF TRANSLATIONAL DYNAMICS

Sun, 18 Jun 2017 17:54:00 GMT

single-molecule analysis of translational dynamics alexey petrov 1, jin chen1,2, sea'n o'leary , albert tsai1,2, and joseph d. puglisi1 1department of structural ...

NONFLUORESCENT QUENCHERS TO CORRELATE SINGLE-MOLECULE ...

Tue, 23 May 2017 23:55:00 GMT

... to correlate single-molecule conformational and ... single-molecule conformational and compositional dynamics. ... single-molecule analysis of translational ...

SINGLE-MOLECULE ANALYSIS OF TRANSLATIONAL DYNAMICS.

decades of extensive biochemical and biophysical research have outlined the mechanism of translation. rich structural studies have provided detailed snapshots of the ...

THE BRIGHT FUTURE OF SINGLE-MOLECULE FLUORESCENCE IMAGING ...

Sat, 24 Jun 2017 20:25:00 GMT

the observation of a single ... j.d. puglisi single-molecule analysis of translational ... h. weinstein, s.c. blanchard, j.a. javitch single-molecule dynamics of ...

SINGLE-MOLECULE FRET OF PROTEIN STRUCTURE AND DYNAMICS - A ...

Mon, 09 Dec 2013 23:54:00 GMT

single-molecule fret of protein structure and ... of protein structure and dynamics with single ... analysis of single-molecule fret ...

SINGLE-MOLECULE ANALYSIS OF BIOMEMBRANES - SPRINGER

Sun, 24 May 2009 23:54:00 GMT

cholesterol depletion suppresses the translational diffusion of class ii major ... single-molecule analysis of chemotactic ... dynamics of single potassium channel ...

EXPLORING THE STRUCTURAL DYNAMICS OF THE TRANSLATIONAL ...

Wed, 24 May 2017 06:50:00 GMT

exploring the structural dynamics of the translational machinery using single-molecule fluorescence resonance energy transfer daniel d. macdougall and ruben l ...

SINGLE MOLECULE ANALYSIS OF TRANSLATION REGULATION

Sun, 28 May 2017 07:35:00 GMT

single molecule analysis of translation regulation ... determinant of translational control of gene expression, ... we have developed single molecule

SINGLE MOLECULE EXPERIMENTS REVEAL THE DYNAMIC ...

Fri, 23 Jun 2017 07:19:00 GMT

single molecule experiments reveal the dynamic heterogeneity and ... studies have monitored translational dynamics of probe ... analysis.⁹ in this study, ...

SINGLE-MOLECULE SPECTROSCOPY OF PROTEIN CONFORMATIONAL ...

Mon, 26 Jan 2015 23:58:00 GMT

single-molecule spectroscopy of protein ... and conformational dynamics from single molecule fret of diffusing molecules: recurrence analysis of single ...

SINGLE-MOLECULE ANALYSIS OF RIBOSOME AND INITIATION FACTOR ...

Thu, 18 May 2017 08:59:00 GMT

... dynamics during the late stages of translation initiation. ... single-molecule analysis of ribosome and ... and initiation factor dynamics during the ...

EXPLORING THE STRUCTURAL DYNAMICS OF THE TRANSLATIONAL ...

Thu, 16 Feb 2017 05:17:00 GMT

the ribosome can be regarded as a molecular ... exploring the structural dynamics of the translational machinery using single-molecule fluorescence resonance energy ...

DYNAMICS OF THE TRANSLATIONAL MACHINERY - EUROPE PMC ...

Thu, 31 Mar 2016 23:56:00 GMT

dynamics of the translational ... whereas molecular dynamics simulations have ... enzyme copy number with single molecule precision . analysis of yfp-ts_r ...

SINGLE{MOLECULE DYNAMICS AT VARIABLE TEMPERATURES

Mon, 22 May 2017 09:44:00 GMT

single{molecule dynamics at variable temperatures proefschrift ter verkrijging van de graad van doctor aan de universiteit leiden, op gezag van de rector magni?cus ...

SINGLE-MOLECULE ANALYSIS: A RIBOSOME IN ACTION : ARTICLE ...

Tue, 13 Apr 2010 23:56:00 GMT

single-molecule analysis: ... single-molecule analyses of fluorescently labelled trnas have allowed the ... to probing the dynamics of translational ...

HETEROGENEOUS TRANSLATIONAL DYNAMICS OF RHODAMINE B IN ...

Fri, 09 Jun 2017 13:12:00 GMT

heterogeneous translational dynamics of rhodamine b in polyelectrolyte multilayer thin films observed by single molecule microscopy ... analysis via fluorescence ...

SINGLE MOLECULE STUDIES OF PROKARYOTIC TRANSLATION ...

Tue, 30 May 2017 11:22:00 GMT

chapter 7 – single molecule studies of prokaryotic translation. ... trna dynamics. single molecule ... molecule observation of the translational ...

THE DYNAMICS OF SECM-INDUCED TRANSLATIONAL STALLING: CELL ...

Sun, 18 Jun 2017 02:53:00 GMT

the dynamics of secm-induced translational stalling. ... 2012 x single-molecule analysis of translational dynamics. ... to observe translational dynamics directly, ...

PETROV A, CHEN J, O'LEARY S, TSAI A, PUGLISI JD (2012 ...

?? . petrov a, chen j, o'leary s, tsai a, puglisi jd (2012) single-molecule analysis of translational dynamics. cold spring harb perspect biol 4: a011551. doi: 10 ...

DYNAMICS OF TRANSLATION OF SINGLE MRNA MOLECULES IN VIVO

Thu, 01 Jun 2017 01:32:00 GMT

dynamics of translation of single mrna molecules ... dynamics of translation of single mrna ... some translocation dynamics at the single molecule level (blan ...

MONITORING CONFORMATIONAL DYNAMICS OF A SINGLE MOLECULE BY ...

Sun, 30 Nov 1997 23:59:00 GMT

... the individual molecular conformational dynamics of a single molecule ... by the translational ... analysis for a single burst, molecule dynamics ...

SINGLE-MOLECULE ANALYSIS OF TRANSLATIONAL DYNAMICS

Thu, 22 Jun 2017 01:29:00 GMT

published online july 12, 2012cold spring harb perspect biol alexey petrov, jin chen, seán o'leary, albert tsai and joseph d. puglisi single-molecule analysis of ...

SINGLE-MOLECULE ENZYMATIC DYNAMICS - UNI-MUENCHEN

Tue, 23 May 2017 15:48:00 GMT

analysis theoretical ... measurement of single molecule reveals on-off behaviour. ... single-molecule enzymatic dynamics philipp lorenz. single-molecule enzymatic ...

SINGLE?MOLECULE LIGHT MICROSCOPY

Thu, 25 May 2017 18:59:00 GMT

single?molecule light microscopy techniques ... imaging live?cell dynamics and structure at the single ... single molecule analysis | optical microscopy.

A NEW THEORETICAL APPROACH TO SINGLE-MOLECULE FLUORESCENCE)

Wed, 08 Mar 2017 22:26:00 GMT

biomolecules to reveal the complicated folding dynamics of single rna ... translational, ... fluctuation-correlation analysis of single rna molecule ...

A METHOD FOR EXTRACTING THE FREE ENERGY SURFACE AND ...

Tue, 30 May 2017 20:33:00 GMT

... our approach provides a powerful tool for the quantitative analysis of single molecule ... molecular dynamics ... translational di?usion of the molecule ...

COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE - HINDAWI

Thu, 24 Nov 2011 23:58:00 GMT

computational and mathematical methods in medicine is a ... computational and mathematical methods in ... revealed by single-molecule analysis ...

ABSOLUTE SINGLE-MOLECULE ENTROPIES FROM QUASI-HARMONIC ...

Sun, 01 Nov 2009 23:56:00 GMT

absolute single-molecule entropies from quasi-harmonic analysis of microsecond molecular dynamics: ... single-molecule dynamics. ... analysis of molecular dynamics ...

DYNAMICS OF SYNAPTIC SFII-DNA COMPLEX: SINGLE-MOLECULE ...

Sun, 21 May 2017 17:52:00 GMT

dynamics of synaptic sfii-dna complex: single-molecule ... of synaptic sfii-dna complex: single-molecule fluorescence ... analysis of translational ...