

Xin Shi

List of Publications by Year in descending order

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15
docs citations

15
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989
citing authors

#	ARTICLE	IF	CITATIONS
1	Label-Free Optical Detection of DNA Translocations through Plasmonic Nanopores. ACS Nano, 2019, 13, 61-70.	7.3	107
2	New Insights into Electrocatalysis Based on Plasmon Resonance for the Real-Time Monitoring of Catalytic Events on Single Gold Nanorods. Analytical Chemistry, 2014, 86, 5513-5518.	3.2	90
3	Direct sensing of cancer biomarkers in clinical samples with a designed nanopore. Chemical Communications, 2017, 53, 11564-11567.	2.2	72
4	Nano-Optical Tweezing of Single Proteins in Plasmonic Nanopores. Small Methods, 2019, 3, 1800465.	4.6	67
5	Active Delivery of Single DNA Molecules into a Plasmonic Nanopore for Label-Free Optical Sensing. Nano Letters, 2018, 18, 8003-8010.	4.5	65
6	Large-area fabrication of highly reproducible surface enhanced Raman substrate via a facile double sided tape-assisted transfer approach using hollow Au-Ag alloy nanourchins. Nanoscale, 2014, 6, 2567-2572.	2.8	54
7	A Scattering Nanopore for Single Nanoentity Sensing. ACS Sensors, 2016, 1, 1086-1090.	4.0	48
8	Characterization of DNA duplex unzipping through a sub-2 nm solid-state nanopore. Chemical Communications, 2017, 53, 3539-3542.	2.2	41
9	Integrating Sub-3 nm Plasmonic Gaps into Solid-State Nanopores. Small, 2018, 14, e1703307.	5.2	31
10	Dynamics of a Molecular Plug Docked onto a Solid-State Nanopore. Journal of Physical Chemistry Letters, 2018, 9, 4686-4694.	2.1	31
11	Dynamic Self-Assembly of Homogenous Microcyclic Structures Controlled by a Silver-Coated Nanopore. Small, 2017, 13, 1700234.	5.2	30
12	In situ monitoring of catalytic process variations in a single nanowire by dark-field-assisted surface-enhanced Raman spectroscopy. Chemical Communications, 2016, 52, 1044-1047.	2.2	23
13	An integrated system for optical and electrical detection of single molecules/particles inside a solid-state nanopore. Faraday Discussions, 2015, 184, 85-99.	1.6	18
14	Superresolution techniques, biophysics with nanostructures, and fluorescence energy transfer: general discussion. Faraday Discussions, 2015, 184, 143-162.	1.6	1
15	Self-Assembly: Dynamic Self-Assembly of Homogenous Microcyclic Structures Controlled by a Silver-Coated Nanopore (Small 25/2017). Small, 2017, 13, .	5.2	0