

Siddharth Shekar

List of Publications by Year in descending order

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papers

268
citations

1307594

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1720034

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7
all docs

7
docs citations

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393
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of DNA Translocation Dynamics in a Solid-State Nanopore at 100 ns Temporal Resolution. Nano Letters, 2016, 16, 4483-4489.	9.1	93
2	Single-Stranded DNA Translocation Recordings through Solid-State Nanopores on Glass Chips at 10 MHz Measurement Bandwidth. ACS Nano, 2019, 13, 10545-10554.	14.6	64
3	High bandwidth approaches in nanopore and ion channel recordings—tutorial review. Analytica Chimica Acta, 2019, 1061, 13-27.	5.4	39
4	Wavelet Denoising of High-Bandwidth Nanopore and Ion-Channel Signals. Nano Letters, 2019, 19, 1090-1097.	9.1	27
5	Single-channel recordings of RyR1 at microsecond resolution in CMOS-suspended membranes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1789-E1798.	7.1	21
6	CMOS-Integrated Low-Noise Junction Field-Effect Transistors for Bioelectronic Applications. IEEE Electron Device Letters, 2018, 39, 931-934.	3.9	14
7	A miniaturized multi-clamp CMOS amplifier for intracellular neural recording. Nature Electronics, 2019, 2, 343-350.	26.0	10