

# Prasenjit Bhattacharya

## List of Publications by Year in descending order

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8  
papers

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2258059

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2053705

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| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | ESD Reliability Study of a-Si:H Thin-Film Transistor Technology: Physical Insights and Technological Implications. IEEE Transactions on Electron Devices, 2019, 66, 2624-2630. | 3.0 | 11        |
| 2 | Geometric influence of cylindrical surface curvature on the electrostatics of thin film transistors. Flexible and Printed Electronics, 2018, 3, 045006.                        | 2.7 | 4         |
| 3 | Adaptive Dielectric Thin Film Transistors-A Self-Configuring Device for Low Power Electrostatic Discharge Protection. IEEE Electron Device Letters, 2020, 41, 66-69.           | 3.9 | 4         |
| 4 | Modulating Thin Film Transistor Characteristics by Texturing the Gate Metal. Scientific Reports, 2017, 7, 17932.   | 3.3 | 3         |
| 5 | Nano-second timescale high-field phase transition in hydrogenated amorphous silicon. Journal of Applied Physics, 2019, 126, .  | 2.5 | 3         |
| 6 | Threshold Voltage Shift in a-Si:H Thin film Transistors under ESD stress Conditions. , 2020, , .   |     | 1         |
| 7 | On the ESD behavior of a-Si:H based thin film transistors: Physical insights, design and technological implications. , 2018, , .   |     | 0         |
| 8 | Adaptive Dielectric Thin Film Transistors: Device Physics and Modeling. , 2022, , .  |     | 0         |