

# Samaneh Soleimani-Amiri

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Modeling and numerical simulation of high efficiency perovskite solar cell with three active layers. Solar Energy, 2022, 236, 724-732.	6.1	21
2	Design of a Low-Power Short-Channel Electrostatically Doped Silicene Nanoribbon FET. IEEE Transactions on Electron Devices, 2021, 68, 1956-1961.	3.0	11
3	Modulation of electronic and optical properties of line defected armchair MoS <sub>2</sub> nanoribbon by vacancy passivation. Journal of Physics Condensed Matter, 2021, 33, 185503.	1.8	2
4	Design and analysis of high efficiency perovskite solar cell with ZnO nanorods and plasmonic nanoparticles. Optik, 2020, 202, 163598.	2.9	24
5	Effects of sulfur line vacancy defects on the electronic and optical properties of armchair MoS <sub>2</sub> nanoribbon. Optical Materials, 2020, 110, 110491.	3.6	15
6	Design and analysis of a high quality factor multipath spiral inductor. Microsystem Technologies, 2019, 25, 3213-3218.	2.0	3
7	Highly featured amorphous silicon nanorod arrays for high-performance lithium-ion batteries. Applied Physics Letters, 2014, 105, .	3.3	15