Seokhwan Bang

List of Publications by Year
in descending order

10	324	1163117 8	1372567 10
papers	citations	h-index	g-index

10	10	10	683
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A study on H₂ plasma treatment effect on a-IGZO thin film transistor. Journal of Materials Research, 2012, 27, 2318-2325.	2.6	83
2	Photocurrent detection of chemically tuned hierarchical ZnO nanostructures grown on seed layers formed by atomic layer deposition. Nanoscale Research Letters, 2012, 7, 290.	5.7	76
3	The effect of oxygen remote plasma treatment on ZnO TFTs fabricated by atomic layer deposition. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 1845-1849.	1.8	60
4	AZO/Au/AZO multilayer as a transparent conductive electrode. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 698-701.	1.8	35
5	Dual optical functionality of local surface plasmon resonance for RuO2 nanoparticleâ€“ZnO nanorod hybrids grown by atomic layer deposition. Journal of Materials Chemistry, 2012, 22, 14141.	6.7	21
6	The effects of a HfO₂ buffer layer on Al₂O₃â€passivated indiumâ€galliumâ€zincâ€oxide thin film transistors. Physica Status Solidi - Rapid Research Letters, 2011, 5, 403-405.	2.4	14
7	Drain-Induced Barrier Lowering in Oxide Semiconductor Thin-Film Transistors With Asymmetrical Local Density of States. IEEE Journal of the Electron Devices Society, 2018, 6, 830-834.	2.1	10
8	Role of postannealing temperature on the microstructure of Al₂O₃/ZnO thin films grown by atomic layer deposition for TFT applications. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 2185-2189.	1.8	9
9	Effects of atomic layer deposition temperatures on structural and electrical properties of ZnO films and its thin film transistors. Metals and Materials International, 2010, 16, 953-958.	3.4	8
10	Microstructural characterization at the interface of Al₂O₃/ZnO/Al₂O₃ thin films grown by atomic layer deposition. Physica Status Solidi (B): Basic Research, 2011, 248, 1634-1638.	1.5	8