

Raja Jayapal

List of Publications by Year in descending order

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9
papers

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citations

1307594

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1474206

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10
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10
docs citations

10
times ranked

373
citing authors

#	ARTICLE	IF	CITATIONS
1	Negative gate-bias temperature stability of N-doped InGaZnO active-layer thin-film transistors. Applied Physics Letters, 2013, 102, .	3.3	87
2	Effects of Carrier Concentration, Indium Content, and Crystallinity on the Electrical Properties of Indium-Tin-Zinc-Oxide Thin-Film Transistors. IEEE Electron Device Letters, 2013, 34, 1151-1153.	3.9	39
3	Drain-Induced Barrier Lowering and Parasitic Resistance Induced Instabilities in Short-Channel InSnZnO TFTs. IEEE Electron Device Letters, 2014, 35, 756-758.	3.9	38
4	Improved Data Retention of InSnZnO Nonvolatile Memory by $H_{2}O_{2}$ Treated $Al_{2}O_{3}$ Tunneling Layer: A Cost-Effective Method. IEEE Electron Device Letters, 2016, 37, 1272-1275.	3.9	34
5	Influence of SnO ₂ :F/ZnO:Al bi-layer as a front electrode on the properties of p-i-n amorphous silicon based thin film solar cells. Applied Physics Letters, 2013, 102, .	3.3	17
6	Light scattering effect of ITO:Zr/AZO films deposited on periodic textured glass surface morphologies for silicon thin film solar cells. Applied Physics A: Materials Science and Processing, 2015, 120, 823-828.	2.3	9
7	Surface passivation of boron emitters on n-type c-Si solar cells using silicon dioxide and a PECVD silicon oxynitride stack. RSC Advances, 2016, 6, 70040-70045.	3.6	8
8	Laser Fired Local Back Contact C-Si Solar Cells Using Phosphoric Acid for Back Surface Field. Journal of Electronic Materials, 2015, 44, 1181-1186.	2.2	3
9	High performance non-volatile memory with the control of charge trapping states in an amorphous InSnZnO active channel. Semiconductor Science and Technology, 2015, 30, 075009.	2.0	2