

# Raja Jayapal

## List of Publications by Year in descending order

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9  
papers

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1307594  
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docs citations

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times ranked

373  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Data Retention of InSnZnO Nonvolatile Memory by H <sub>2</sub> O <sub>2</sub> Treated Al <sub>2</sub> O <sub>3</sub> Tunneling Layer: A Cost-Effective Method. IEEE Electron Device Letters, 2016, 37, 1272-1275.	3.9	34
2	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
3	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
4	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
5	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
6	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
7	Negative gate-bias temperature stability of N-doped InGaZnO active-layer thin-film transistors. Applied Physics Letters, 2013, 102, .	3.3	87
8	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
9	Influence of SnO <sub>2</sub> :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