

Paolo Gaucci

List of Publications by Year in descending order

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docs citations

16
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214
citing authors

#	ARTICLE	IF	CITATIONS
1	Kink effect in short-channel polycrystalline silicon thin-film transistors. Applied Physics Letters, 2004, 85, 3113-3115.	3.3	56
2	â€œHumpâ€•characteristics and edge effects in polysilicon thin film transistors. Journal of Applied Physics, 2008, 104, .	2.5	54
3	Short channel effects in polysilicon thin film transistors. Thin Solid Films, 2005, 487, 221-226.	1.8	26
4	Analysis of Self-Heating-Related Instability in Self-Aligned p-Channel Polycrystalline-Silicon Thin-Film Transistors. IEEE Electron Device Letters, 2010, 31, 830-832.	3.9	17
5	Electrical stability in self-aligned p-channel polysilicon thin film transistors. Thin Solid Films, 2007, 515, 7571-7575.	1.8	14
6	Numerical simulation of parasitic resistance effects in polycrystalline silicon TFTs. IEEE Transactions on Electron Devices, 2006, 53, 573-577.	3.0	10
7	Hot-carrier effects in p-channel polycrystalline silicon thin film transistors. Applied Physics Letters, 2006, 89, 1835-1838.	3.3	9
8	Modelling velocity saturation and kink effects in p-channel polysilicon thin-film transistors. Thin Solid Films, 2007, 515, 7417-7421.	1.8	8
9	Modelling Velocity Saturation Effects in Polysilicon Thin-Film Transistors. Japanese Journal of Applied Physics, 2006, 45, 4374-4377.	1.5	6
10	Role of field enhanced mechanisms and impact ionization on the threshold voltage of short channel polycrystalline silicon thin film transistors. Applied Physics Letters, 2008, 93, 1935-1938.	3.3	6
11	Negative biasâ€•temperature stress in non-self-aligned p-channel polysilicon TFTs. Thin Solid Films, 2009, 517, 6379-6382.	1.8	6
12	Hot Carrier Effects in p-Channel Polycrystalline Silicon Thin Film Transistors Fabricated on Flexible Substrates. Japanese Journal of Applied Physics, 2007, 46, 1299-1302.	1.5	4
13	(Invited) Downscaling Issues in Polycrystalline Silicon TFTs. ECS Transactions, 2010, 33, 3-22.	0.5	3
14	Edge Effects in Self-Heating-Related Instabilities in p-Channel Polycrystalline-Silicon Thin-Film Transistors. IEEE Electron Device Letters, 2011, 32, 1707-1709.	3.9	2
15	Organic thin film transistors on back molded plastic foil. Flexible and Printed Electronics, 2018, 3, 015008.	2.7	2
16	Comparative analysis of advanced poly-silicon thin-film transistor architectures for drain field relief. , 2003, 5004, 150.		1