

Desmond Jia Jun Loy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1269358/publications.pdf>

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4
papers

239
citations

2258059

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2550090

3
g-index

4
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4
docs citations

4
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxide-based RRAM materials for neuromorphic computing. Journal of Materials Science, 2018, 53, 8720-8746.	3.7	189
2	Conduction Mechanisms on High Retention Annealed MgO-based Resistive Switching Memory Devices. Scientific Reports, 2018, 8, 14774.	3.3	28
3	Oxygen Vacancy Density Dependence with a Hopping Conduction Mechanism in Multilevel Switching Behavior of HfO ₂ -Based Resistive Random Access Memory Devices. ACS Applied Electronic Materials, 2020, 2, 3160-3170.	4.3	21
4	Hopping Conduction Temperature Investigations on High Retention Electrochemical Metallization MgO-based Resistive Switching Devices in the Low Resistance State. , 2019, , .		1