

# Pillai Aswathy Mohan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9329390/publications.pdf>

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10  
papers

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citations

1478505

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1474206

9  
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docs citations

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times ranked

61  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complementary Inverter Circuits Based on p-Cu <sub>2</sub> O and n-ZTO Thin Film Transistors. Journal of Electronic Materials, 2020, 49, 537-543.	2.2	9
2	Rare earth (RE = Ce, Gd) modified Nd <sub>1-x</sub> RE <sub>x</sub> FeAsO <sub>0.7</sub> F <sub>0.3</sub> superconductor with enhanced magneto-transport properties. RSC Advances, 2015, 5, 41484-41492.	3.6	9
3	Influence of rare earth doping on the structural and electro-magnetic properties of SmFeAsO <sub>0.7</sub> F <sub>0.3</sub> iron pnictide. Inorganic Chemistry Frontiers, 2015, 2, 731-740.	6.0	2
4	The Role of Yttrium Doping on the Structural and Superconducting Properties of Sm1111 and Its Comparison with Other (RE, Y)1111 (RE = La, Ce, and Nd) Iron Oxypnictides. Journal of Low Temperature Physics, 2015, 178, 285-294.	1.4	1
5	SmFeAsO Superconductor with Preferred Crystallographic Orientation and Enhanced Critical Current Density. Journal of the American Ceramic Society, 2014, 97, 2099-2104.	3.8	1
6	Transport and magnetic properties of yttrium doped NdFeAs(O,F) superconductor. Journal of Alloys and Compounds, 2013, 566, 43-49.	5.5	7
7	NdFeAsO <sub>1-x</sub> F <sub>x</sub> Superconductor – Impact of Fluorine Variation on Microstructure and Transport Properties. Journal of the American Ceramic Society, 2013, 96, 1176-1180.	3.8	6
8	A novel low temperature synthesis route for SmFeAsO <sub>1-x</sub> F <sub>x</sub> bulk superconductor with improved transport properties. Journal of Alloys and Compounds, 2012, 514, 1-5.	5.5	14
9	Suppression of flux-creep in (Bi,Pb)-2212 superconductor by holmium doping. Physica B: Condensed Matter, 2010, 405, 4355-4359.	2.7	27
10	Structural and Transport Properties of the (Tl <sub>1-x</sub> Bi <sub>x</sub> ) <sub>2</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> Superconductor. IEEE Transactions on Applied Superconductivity, 2010, 20, 61-65.	1.7	3