

# P M Sarun

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The effect of substitution of Eu on the critical current density and flux pinning properties of (Bi, Tj) ETQq1 1 0.784314 rgBT /Overlock	3.5	26
2	Enhancement of critical current density and flux pinning properties of Gd-doped (Bi, Pb)-2212 superconductor. Journal of Applied Physics, 2008, 104, .	2.5	23
3	Superconductivity and flux pinning in Dy added (Bi, Pb)-2212 superconductor. Superconductor Science and Technology, 2006, 19, 1023-1029.	3.5	22
4	A comparative study on electrical conduction properties of Sr-substituted $Ba_{1-x}Sr_xZr_{0.1}Ti_{0.9}O_3$ ( $x=0.00\text{--}0.15$ ) ceramics. Ionics, 2017, 23, 2405-2416.	2.4	22
5	Effect of vanadium substitution on the dielectric and electrical conduction properties of $SrTiO_3$ ceramics. Materials Research Express, 2018, 5, 036303.	1.6	13
6	Highly enhanced flux pinning in Pb and rare earth codoped Bi-2212. Applied Physics Letters, 2007, 90, 072505.	3.3	10
7	The influence of sintering temperature on the microstructure and superconducting properties of $Bi_{1.7}Pb_{0.4}Sr_{1.8}Nd_{0.2}Ca_{1.1}Cu_{2.1}O_{8+x}$ superconductor. Superconductor Science and Technology, 2008, 21, 085010.	3.5	10
8	Critical current density and flux pinning in a $Bi_{1.7}Pb_{0.4}Sr_{2-x}La_xCa_{1.1}Cu_{2.1}O_y$ system. Superconductor Science and Technology, 2007, 20, 781-784.	3.5	9
9	Doping effect of nano- $Ho_2O_3$ and naphthalene in $MgB_2$ superconductor prepared by powder-in-sealed-tube method. Journal of Applied Physics, 2015, 117, .	2.5	8
10	Transport properties near the metal to insulator transition in samarium substituted (Bi,Pb)-2212 system. Journal of Applied Physics, 2009, 105, 113925.	2.5	4
11	Investigation on the impedance spectroscopy and electrical conduction mechanism in $Sr_{1-x}Ti_xV_xO_3$ $SrTi_{1-x}V_xO_3$ . Journal of Materials Science: Materials in Electronics, 2019, 30, 6795-6805.	2.2	4
12	Scaling of the vortex-liquid resistivity and temperature and magnetic field dependent activation energy in Ho doped (Bi, Pb)-2212 superconductor. Journal of Applied Physics, 2009, 105, 123901.	2.5	1
13	Analysis of giant dielectric permittivity and electrical properties for energy storage devices through impedance spectroscopy in $CaCu_3Ti_4O_{12}$ . Journal of Materials Science: Materials in Electronics, 2022, 33, 9395-9402.	2.2	1
14	Investigation on structural, dielectric and conduction properties of $BaTi_{0.95}Sn_{0.05}O_3$ ceramic. AIP Conference Proceedings, 2020, , .	0.4	0