

# P Karthick

## List of Publications by Year in descending order

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9  
papers

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1307594  
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209  
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#	ARTICLE	IF	CITATIONS
1	Optimization of substrate temperature and characterization of tin oxide based transparent conducting thin films for application in dye-sensitized solar cells. <i>Thin Solid Films</i> , 2017, 631, 1-11.	1.8	37
2	Opto-Electronic Properties of Fluorine Doped Tin Oxide Films Deposited by Nebulized Spray Pyrolysis Method. <i>Asian Journal of Applied Sciences</i> , 2015, 8, 259-268.	0.4	23
3	Phase tuned synthesis of titanium dioxide nanoparticles for room temperature enhanced ammonia detection. <i>RSC Advances</i> , 2017, 7, 37720-37728.	3.6	19
4	On the preparation of Tri-vanadium hepta-oxide thin films for electrochromic applications. <i>Vacuum</i> , 2019, 160, 238-245.	3.5	14
5	Synthesis of stable and highly oxygen deficient V <sub>2</sub> O <sub>5</sub> thin films for physical functionalization of nanofiltration membranes. <i>Materials Science in Semiconductor Processing</i> , 2019, 100, 185-191.	4.0	10
6	Influence of pyrolytic temperature on optoelectronic properties and the energy harvesting applications of high pressure TiO <sub>2</sub> thin films. <i>Vacuum</i> , 2019, 161, 81-91.	3.5	9
7	Realization of highly conducting and transparent SnO <sub>2</sub> thin films by optimizing F/Sn molar ratio for electrochemical applications. <i>Thin Solid Films</i> , 2020, 713, 138362.	1.8	8
8	Development of highly performing TiO <sub>2</sub> complex thin films by novel combined physico-chemical process for enhanced photo-catalytic applications. <i>Ceramics International</i> , 2020, 46, 12437-12448.	4.8	7
9	Development of automated spray pyrolysis setup for chemical vapour deposition like growth of thin solid films. <i>Journal of Instrumentation</i> , 2019, 14, P04002-P04002.	1.2	3