Aijo John K

List of Publications by Year
in descending order

11 papers	140 citations	1163117 8 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	226 citing authors

#	Article	IF	Citations
1	A novel cost effective fabrication technique for highly preferential oriented TiO₂ nanotubes. Nanoscale, 2015, 7, 20386-20390.	5.6	28
2	In situ crystallization of highly conducting and transparent ITO thin films deposited by RF magnetron sputtering. Vacuum, 2016, 132, 91-94.	3.5	24
3	Electrochemical Synthesis of Novel Zn-Doped TiO2 Nanotube/ZnO Nanoflake Heterostructure with Enhanced DSSC Efficiency. Nano-Micro Letters, 2016, 8, 381-387.	27.0	23
4	Rapid room temperature crystallization of TiO₂nanotubes. CrystEngComm, 2017, 19, 1585-1589.	2.6	12
5	Aluminium doping in iron oxide nanoporous structures to tailor material properties for photocatalytic applications. Journal of Applied Electrochemistry, 2020, 50, 81-92.	2.9	10
6	Influence of p-n junction mechanism and alumina overlayer on the photocatalytic performance of TiO₂ nanotubes. Nanotechnology, 2020, 31, 275403.	2.6	9
7	Aluminium doping â€“ a cost effective and super-fast method for low temperature crystallization of TiO₂ nanotubes. CrystEngComm, 2019, 21, 128-134.	2.6	8
8	Calcium incorporated copper indium oxide thin films - a promising candidate for transparent electronic applications. Thin Solid Films, 2020, 693, 137673.	1.8	8
9	Fabrication and Characterization of Typeâ€Ⅱ Heterostructure n:In₂O₃/p:inâ€TiO₂ for Enhanced Photocatalytic Activity. Physica Status Solidi (B): Basic Research, 2021, 258, 2000441.	1.5	7
10	A novel method for low temperature crystallization of transparent conducting delafossite AgInO2. Journal of Alloys and Compounds, 2017, 693, 421-425.	5.5	6
11	Role of magnesium doping for ultrafast room temperature crystallization and improved photocatalytic behavior of TiO2 nanotubes. Materials Today: Proceedings, 2020, 25, 203-207.	1.8	5