

# Abdul K Rumaiz

## List of Publications by Year in descending order

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17  
papers

701  
citations

759233

12  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental studies on vacancy induced ferromagnetism in undoped TiO <sub>2</sub> . Solid State Communications, 2007, 144, 334-338.	1.9	164
2	Oxygen vacancies in N doped anatase TiO <sub>2</sub> : Experiment and first-principles calculations. Applied Physics Letters, 2009, 95, .	3.3	140
3	Role of vacancies in transport and magnetic properties of nickel ferrite thin films. Journal Physics D: Applied Physics, 2010, 43, 265001.	2.8	78
4	Studies of the growth parameters for silver nanoparticle synthesis by inert gas condensation. Journal of Materials Research, 2007, 22, 3378-3384.	2.6	72
5	Photocatalytic activity of pulsed laser deposited TiO <sub>2</sub> thin films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 151, 133-139.	3.5	49
6	Recent applications of hard x-ray photoelectron spectroscopy. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2016, 34, .	2.1	40
7	Reactive sputtering of titanium in Ar/CH <sub>4</sub> gas mixture: Target poisoning and film characteristics. Thin Solid Films, 2009, 517, 5689-5694.	1.8	36
8	Effects of annealing on the local structure of Fe and Co in CoFeB/MgO/CoFeB tunnel junctions: An extended x-ray-absorption fine structure study. Applied Physics Letters, 2010, 96, .	3.3	30
9	Inert gas condensation of evaporated Ni and laser ablated CoO. Journal of Applied Physics, 2007, 101, 094302.	2.5	19
10	Boron migration due to annealing in CoFeB/MgO/CoFeB interfaces: A combined hard x-ray photoelectron spectroscopy and x-ray absorption studies. Applied Physics Letters, 2011, 99, 222502.	3.3	18
11	Band alignment of atomic layer deposited HfO <sub>2</sub> on clean and N passivated germanium surfaces. Applied Physics Letters, 2010, 97, .	3.3	16
12	Stoichiometry dependence of potential screening at $\text{La}_{1-x}\text{Al}_x\text{O}_3$ interfaces. Applied Physics Letters, 2010, 97, .	3.2	14
13	Electronic structure of C and N co-doped TiO <sub>2</sub> : A combined hard x-ray photoemission spectroscopy and density functional theory study. Applied Physics Letters, 2014, 105, .	3.3	11
14	Influence of oxygen partial pressure on structural, transport and magnetic properties of Co doped films. Solid State Communications, 2009, 149, 2210-2214.	1.9	9
15	HAXPES Measurements of Heterojunction Band Alignment. Springer Series in Surface Sciences, 2016, , 381-405.	0.3	3
16	Reactive Sputtering of Nanostructured WC <sub>x</sub> . Materials Research Society Symposia Proceedings, 2002, 750, 1.	0.1	1
17	Observation of metastable phase separation and amorphous phase in Fe <sub>67</sub> Co <sub>33</sub> alloy thin films synthesized by pulsed laser depositions. Current Applied Physics, 2015, 15, 717-721.	2.4	1