

Abdul K Rumaiz

List of Publications by Year in descending order

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759233

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18
times ranked

1394
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent applications of hard x-ray photoelectron spectroscopy. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2016, 34, .	2.1	40
2	HAXPES Measurements of Heterojunction Band Alignment. Springer Series in Surface Sciences, 2016, , 381-405.	0.3	3
3	Stoichiometry dependence of potential screening at $\text{Al}/\text{LaO}_2/\text{Al}$ heterostructure. Applied Physics Letters, 2014, 105, .	3.2	14
4	Observation of metastable phase separation and amorphous phase in Fe ₆₇ Co ₃₃ alloy thin films synthesized by pulsed laser depositions. Current Applied Physics, 2015, 15, 717-721.	2.4	1
5	Electronic structure of C and N co-doped TiO ₂ : A combined hard x-ray photoemission spectroscopy and density functional theory study. Applied Physics Letters, 2014, 105, .	3.3	11
6	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
7	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
8	Band alignment of atomic layer deposited HfO ₂ on clean and N passivated germanium surfaces. Applied Physics Letters, 2010, 97, .	3.3	16
9	Role of vacancies in transport and magnetic properties of nickel ferrite thin films. Journal Physics D: Applied Physics, 2010, 43, 265001.	2.8	78
10	Reactive sputtering of titanium in Ar/CH ₄ gas mixture: Target poisoning and film characteristics. Thin Solid Films, 2009, 517, 5689-5694.	1.8	36
11	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
12	Oxygen vacancies in N doped anatase TiO ₂ : Experiment and first-principles calculations. Applied Physics Letters, 2009, 95, .	3.3	140
13	Photocatalytic activity of pulsed laser deposited TiO ₂ thin films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 151, 133-139.	3.5	49
14	Inert gas condensation of evaporated Ni and laser ablated CoO. Journal of Applied Physics, 2007, 101, 094302.	2.5	19
15	Studies of the growth parameters for silver nanoparticle synthesis by inert gas condensation. Journal of Materials Research, 2007, 22, 3378-3384.	2.6	72
16	Experimental studies on vacancy induced ferromagnetism in undoped TiO ₂ . Solid State Communications, 2007, 144, 334-338.	1.9	164
17	Reactive Sputtering of Nanostructured WCx. Materials Research Society Symposia Proceedings, 2002, 750, 1.	0.1	1