

# Hadj M Benia

## List of Publications by Year in descending order

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22  
papers

970  
citations

516710

16  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1825  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive Chemical Doping of the $\text{Bi}_2\text{Se}_3$ Topological Insulator. Physical Review Letters, 2011, 107, 177602.	13.7	112
2	Charge-Mediated Adsorption Behavior of CO on MgO-Supported Au Clusters. Journal of the American Chemical Society, 2010, 132, 7745-7749.	13.7	112
3	Morphology and optical properties of MgO thin films on Mo(001). Chemical Physics Letters, 2006, 430, 330-335.	2.6	83
4	Investigations on non-stoichiometric zirconium nitrides. Applied Surface Science, 2002, 200, 231-238.	6.1	78
5	Structure and morphology of thin MgO films on Mo(001). Physical Review B, 2008, 78, .	3.2	65
6	Electron trapping in misfit dislocations of MgO thin films. Physical Review B, 2010, 81, .	3.2	57
7	Wedge Dyakonov Waves and Dyakonov Plasmons in Topological Insulator $\text{Bi}_2\text{Se}_3$ Probed by Electron Beams. ACS Nano, 2016, 10, 6988-6994.	14.6	43
8	Nucleation and Growth of Gold on MgO Thin Films: A Combined STM and Luminescence Study. Journal of Physical Chemistry C, 2007, 111, 10528-10533.	3.1	39
9	A Natural Topological Insulator. Nano Letters, 2013, 13, 1179-1184.	9.1	38
10	Surface band structure of $\text{Bi}_2\text{Se}_3$ . Physical Review B, 2015, 91, .	9.2	38
11	Optical properties of non-stoichiometric sputtered zirconium nitride films. Applied Surface Science, 2003, 211, 146-155.	6.1	25
12	Photon mapping of MgO thin films with an STM. Surface Science, 2007, 601, L55-L58.	1.9	23
13	Intercalation of graphene on SiC(0001) via ion implantation. Physical Review B, 2016, 94, .	3.2	23
14	Structural and electronic characterization of the MgO/Mo(001) interface using STM. Surface Science, 2010, 604, 435-441.	1.9	22
15	Origin of Rashba splitting in the quantized subbands at the $\text{Bi}_2\text{Se}_3$ surface. Physical Review B, 2013, 88, .	3.2	17
16	Front-End-of-Line Integration of Graphene Oxide for Graphene-Based Electrical Platforms. Advanced Materials Technologies, 2018, 3, 1700318.	5.8	16
17	Optical and electrical properties of sputtered ZrN compounds. Catalysis Today, 2004, 89, 307-312.	4.4	15
18	Light emission spectroscopy of self-assembled arrays of silver nano-crystals with the STM. Chemical Physics Letters, 2005, 413, 10-15.	2.6	15

#	ARTICLE	IF	CITATIONS
19	Correct Brillouin zone and electronic structure of BiPd. Physical Review B, 2018, 97, .	3.2	8
20	Effect of electromagnetic interactions on plasmon excitations in silver particle ensembles. Surface Science, 2006, 600, 128-133.	1.9	7
21	Bulk Cyclotron Resonance in the Topological Insulator Bi <sub>2</sub> Te <sub>3</sub> . Crystals, 2020, 10, 722.	2.2	6
22	Dimensional crossover in the quantum transport behaviour of the natural topological insulator Aleksite. Scientific Reports, 2015, 5, 11691.	3.3	5