

# Ajanta Deka

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12025585/publications.pdf>

Version: 2024-02-01

7  
papers

155  
citations

1684188

5  
h-index

1872680

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and electronic properties of stable $Au_n$ ( $n=2\text{--}13$ ) clusters: A density functional study. Computational and Theoretical Chemistry, 2008, 870, 83-93.	1.5	114
2	Adsorption of CO on gas phase and zeolite supported gold monomers: A computational study. Chemical Physics Letters, 2010, 490, 184-188.	2.6	15
3	Recent Advances in Nanoarchitectonics of $SnO_2$ Clusters and Their Applications in Catalysis. Journal of Nanoscience and Nanotechnology, 2020, 20, 5153-5161.	0.9	13
4	A density functional study on equilibrium geometries, stabilities and electronic properties of $Au_5Li$ binary clusters. Applied Nanoscience (Switzerland), 2012, 2, 359-364.	3.1	7
5	Density Functional Studies on the Structure and Reverse Hydrogen Spillover in $Au_6$ Cluster Supported on Zeolite. Catalysis Letters, 2009, 131, 155-159.	2.6	5
6	Preferential Sites for Adsorption of CO on $Au_6$ Clusters Using Density Functional Theory Based Reactivity Descriptors. Journal of Nanoscience and Nanotechnology, 2020, 20, 5288-5293.	0.9	1
7	Structure and Reverse Hydrogen Spillover in Mononuclear $Au_0$ and $Au_1$ Complexes Bonded to Faujasite Zeolite: A Density Functional Study. Journal of Catalysts, 2013, 2013, 1-5.	0.5	0