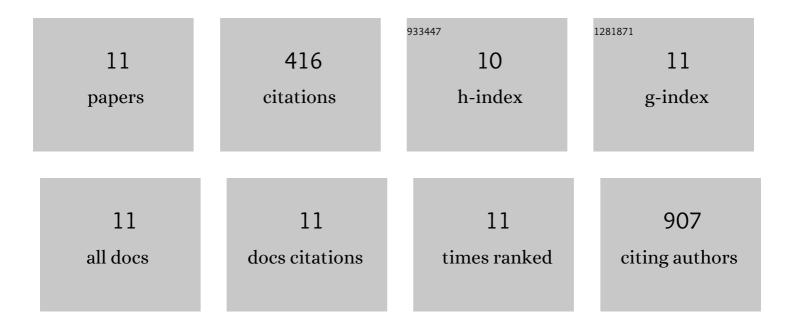
Abhishek Chaudhary

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11892336/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Nitrogen-doped, thiol-functionalized carbon dots for ultrasensitive Hg(<scp>ii</scp>) detection. Chemical Communications, 2015, 51, 10750-10753.	4.1	114
2	Paper strip based and live cell ultrasensitive lead sensor using carbon dots synthesized from biological media. Sensors and Actuators B: Chemical, 2016, 232, 107-114.	7.8	75
3	Morphological effect of gold nanoparticles on the adsorption of bovine serum albumin. Physical Chemistry Chemical Physics, 2014, 16, 20471-20482.	2.8	53
4	Gold nanoparticle chitosan composite hydrogel beads show efficient removal of methyl parathion from waste water. RSC Advances, 2014, 4, 39830.	3.6	35
5	One pot synthesis of doxorubicin loaded gold nanoparticles for sustained drug release. RSC Advances, 2015, 5, 97330-97334.	3.6	30
6	Direct Visualization of Lead Corona and Its Nanomolar Colorimetric Detection Using Anisotropic Gold Nanoparticles. ACS Applied Materials & Interfaces, 2015, 7, 5039-5044.	8.0	26
7	Effect of surface chemistry and morphology of gold nanoparticle on the structure and activity of common blood proteins. New Journal of Chemistry, 2016, 40, 4879-4883.	2.8	26
8	Lysine and dithiothreitol promoted ultrasensitive optical and colorimetric detection of mercury using anisotropic gold nanoparticles. Journal of Materials Chemistry C, 2015, 3, 6962-6965.	5.5	24
9	Orientational switching of protein conformation as a function of nanoparticle curvature and their geometrical fitting. Journal of Chemical Physics, 2014, 141, 084707.	3.0	18
10	Anisotropic gold nanoparticles for the highly sensitive colorimetric detection of glucose in human urine. RSC Advances, 2015, 5, 40849-40855.	3.6	10
11	Advances in Nanotechnology based Strategies forÂSynthesis of Nanoparticles of Lignin. Springer Series on Polymer and Composite Materials, 2020, , 203-229.	0.7	5