

Abhishek Chaudhary

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11892336/publications.pdf>

Version: 2024-02-01

11
papers

416
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

907
citing authors

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