

Abhishek Chaudhary

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

416
citations

933447

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h-index

1281871

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g-index

11
all docs

11
docs citations

11
times ranked

907
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Nanotechnology based Strategies for Synthesis of Nanoparticles of Lignin. Springer Series on Polymer and Composite Materials, 2020, , 203-229.	0.7	5
2	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
3	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
4	Nitrogen-doped, thiol-functionalized carbon dots for ultrasensitive Hg(II) detection. Chemical Communications, 2015, 51, 10750-10753.	4.1	114
5	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
6	One pot synthesis of doxorubicin loaded gold nanoparticles for sustained drug release. RSC Advances, 2015, 5, 97330-97334.	3.6	30
7	Anisotropic gold nanoparticles for the highly sensitive colorimetric detection of glucose in human urine. RSC Advances, 2015, 5, 40849-40855.	3.6	10
8	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
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	Gold nanoparticle chitosan composite hydrogel beads show efficient removal of methyl parathion from waste water. RSC Advances, 2014, 4, 39830.	3.6	35
11	Morphological effect of gold nanoparticles on the adsorption of bovine serum albumin. Physical Chemistry Chemical Physics, 2014, 16, 20471-20482.	2.8	53