

Hossam Rady

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9097831/publications.pdf>

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8
papers

1,192
citations

1163117

8
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

2361
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave synthesis of graphene sheets supporting metal nanocrystals in aqueous and organic media. <i>Journal of Materials Chemistry</i> , 2009, 19, 3832.	6.7	511
2	Photothermal Deoxygenation of Graphite Oxide with Laser Excitation in Solution and Graphene-Aided Increase in Water Temperature. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2804-2809.	4.6	267
3	Ultrasmall Gold Nanoparticles Anchored to Graphene and Enhanced Photothermal Effects by Laser Irradiation of Gold Nanostructures in Graphene Oxide Solutions. <i>ACS Nano</i> , 2013, 7, 627-636.	14.6	190
4	Growth Mechanism of Anisotropic Gold Nanocrystals via Microwave Synthesis: Formation of Dioleamide by Gold Nanocatalysis. <i>ACS Nano</i> , 2010, 4, 2766-2772.	14.6	102
5	Plasmonic Graphene Polyurethane Nanocomposites for Efficient Solar Water Desalination. <i>ACS Applied Energy Materials</i> , 2018, 1, 976-985.	5.1	94
6	Spectroscopic study of oscillator strength and radiative decay time of colloidal CdSe quantum dots. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	3.3	10
7	Laser-assisted synthesis of gold-graphene oxide nanocomposites: effect of pulse duration. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 18294-18303.	2.8	10
8	Graphene oxide interface enhances the photochemical synthesis, stability and photothermal effect of plasmonic gold nanostructures. <i>Chemical Physics Letters</i> , 2017, 690, 153-158.	2.6	8