

Raj Kumar Dani

List of Publications by Year in descending order

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9
papers

377
citations

1307594

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1588992

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g-index

9
all docs

9
docs citations

9
times ranked

825
citing authors

#	ARTICLE	IF	CITATIONS
1	Nested Helmholtz coil design for producing homogeneous transient rotating magnetic fields. Review of Scientific Instruments, 2015, 86, 034701.	1.3	9
2	Pulsed Magnetic Field Induced Fast Drug Release from Magneto Liposomes via Ultrasound Generation. Journal of Physical Chemistry B, 2014, 118, 11715-11722.	2.6	46
3	Effects of interband transitions on Faraday rotation in metallic nanoparticles. Journal of Physics Condensed Matter, 2013, 25, 325302.	1.8	13
4	Magnetic-Fe ₃ O ₄ -nanoparticle-bound SN38 as carboxylesterase-cleavable prodrug for the delivery to tumors within monocytes/macrophages. Beilstein Journal of Nanotechnology, 2012, 3, 444-455.	2.8	57
5	Faraday rotation enhancement of gold coated Fe ₂ O ₃ nanoparticles: Comparison of experiment and theory. Journal of Chemical Physics, 2011, 135, 224502.	3.0	27
6	A/C magnetic hyperthermia of melanoma mediated by iron(0)/iron oxide core/shell magnetic nanoparticles: a mouse study. BMC Cancer, 2010, 10, 119.	2.6	193
7	Direct Observation of Gold Nanoparticle Assemblies with the Porin MspA on Mica. ACS Nano, 2009, 3, 462-466.	14.6	11
8	Bifunctional magnetic nanoparticles for early detection and magnetic hyperthermia cancer therapy. FASEB Journal, 2009, 23, LB335.	0.5	0
9	MspA Porin ⁺ Gold Nanoparticle Assemblies: Enhanced Binding through a Controlled Cysteine Mutation. Nano Letters, 2008, 8, 1229-1236.	9.1	21