Kambiz Chizari

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3827755/publications.pdf

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23	1,702	471509 17	677142 22
papers	citations	h-index	g-index

23	23	23	2932
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of synthesis catalyst on structure of nitrogen-doped carbon nanotubes and electrical conductivity and electromagnetic interference shielding of their polymeric nanocomposites. Carbon, 2016, 98, 358-372.	10.3	202
2	Tuning of nitrogen-doped carbon nanotubes as catalyst support for liquid-phase reaction. Applied Catalysis A: General, 2010, 380, 72-80.	4.3	196
3	Nitrogenâ€Doped Carbon Nanotubes as a Highly Active Metalâ€Free Catalyst for Selective Oxidation. ChemSusChem, 2012, 5, 102-108.	6.8	162
4	Three-dimensional printing of freeform helical microstructures: a review. Nanoscale, 2014, 6, 10470.	5.6	142
5	Three-dimensional printing of highly conductive polymer nanocomposites for EMI shielding applications. Materials Today Communications, 2017, 11, 112-118.	1.9	138
6	Microwave synthesis of large few-layer graphene sheets in aqueous solution of ammonia. Nano Research, 2010, 3, 126-137.	10.4	123
7	Direct 3D Printing of Hybrid Nanofiber-Based Nanocomposites for Highly Conductive and Shape Memory Applications. ACS Applied Materials & Interfaces, 2019, 11, 24523-24532.	8.0	119
8	The effect of temperature on the morphology and chemical surface properties of nitrogen-doped carbon nanotubes. Carbon, 2014, 68, 369-379.	10.3	102
9	N-doped carbon nanotubes for liquid-phase CC bond hydrogenation. Catalysis Today, 2008, 138, 62-68.	4.4	92
10	3D Printing of Highly Conductive Nanocomposites for the Functional Optimization of Liquid Sensors. Small, 2016, 12, 6076-6082.	10.0	91
11	3D Analysis of the Morphology and Spatial Distribution of Nitrogen in Nitrogen-Doped Carbon Nanotubes by Energy-Filtered Transmission Electron Microscopy Tomography. Journal of the American Chemical Society, 2012, 134, 9672-9680.	13.7	87
12	Helical and Dendritic Unzipping of Carbon Nanotubes: A Route to Nitrogen-Doped Graphene Nanoribbons. ACS Nano, 2015, 9, 5833-5845.	14.6	59
13	Few-layer graphene supporting palladium nanoparticles with a fully accessible effective surface for liquid-phase hydrogenation reaction. Catalysis Today, 2012, 189, 77-82.	4.4	38
14	Electrical conductivity of electrospun nanofiber mats of polyamide 6/polyaniline coated with nitrogen-doped carbon nanotubes. Materials and Design, 2018, 141, 333-341.	7.0	38
15	High temperature stability of platinum nanoparticles on few-layer graphene investigated by In Situ high resolution transmission electron microscopy. Nano Research, 2011, 4, 511-521.	10.4	33
16	The effects of catalyst on the morphology and physicochemical properties of nitrogen-doped carbon nanotubes. Materials Letters, 2014, 116, 289-292.	2.6	28
17	Bucky paper with improved mechanical stability made from vertically aligned carbon nanotubes for desulfurization process. Applied Catalysis A: General, 2011, 400, 230-237.	4.3	17
18	Catalytic synthesis of a high aspect ratio carbon nanotubes bridging carbon felt composite with improved electrical conductivity and effective surface area. Applied Catalysis A: General, 2011, 392, 238-247.	4.3	14

#	Article	IF	Citations
19	A new recyclable Pd catalyst supported on vertically aligned carbon nanotubes for microwaves-assisted Heck reactions. Comptes Rendus Chimie, 2011, 14, 663-670.	0.5	8
20	High yield graphene and few-layer graphene synthesis assisted by microwaves. Physica E: Low-Dimensional Systems and Nanostructures, 2012, 44, 1009-1011.	2.7	7
21	Liquid Materials: 3D Printing of Highly Conductive Nanocomposites for the Functional Optimization of Liquid Sensors (Small 44/2016). Small, 2016, 12, 6176-6176.	10.0	3
22	Urchin-like self-supported carbon nanotubes with macroscopic shaping and fully accessible surface. Materials Letters, 2011, 65, 2482-2485.	2.6	2
23	Investigation of Carbon Nanotubes Mixing Methods and Functionalizations for Electrically Conductive Polymer Composites. , 2014, , .		1