Alireza Javadi

List of Publications by Year
in descending order

17 papers	2,083 citations	567281 15 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	3918 citing authors

#	Article	IF	Citations
1	Triaxial compressive strain in bilayer graphene enabled by nitride stressor layer. Extreme Mechanics Letters, 2017, 11, 77-83.	4.1	6
2	Wrinkled bilayer graphene with wafer scale mechanical strain. Applied Physics Letters, 2016, 108, 183101.	3.3	5
3	Polyvinyl alcohol (PVA)â€“cellulose nanofibril (CNF)â€“multiwalled carbon nanotube (MWCNT) hybrid organic aerogels with superior mechanical properties. RSC Advances, 2013, 3, 20816.	3.6	74
4	Polyvinyl Alcohol-Cellulose Nanofibrils-Graphene Oxide Hybrid Organic Aerogels. ACS Applied Materials & Interfaces, 2013, 5, 5969-5975.	8.0	163
5	Gold Nanorods Conjugated with Doxorubicin and cRGD for Combined Anticancer Drug Delivery and PET Imaging. Theranostics, 2012, 2, 757-768.	10.0	175
6	Processing of poly(hydroxybutyrate-co-hydroxyvalerate)-based bionanocomposite foams using supercritical fluids. Journal of Materials Research, 2012, 27, 1506-1517.	2.6	15
7	Co-delivery of doxorubicin and siRNA using octreotide-conjugated gold nanorods for targeted neuroendocrine cancer therapy. Nanoscale, 2012, 4, 7185.	5.6	104
8	Chemically modified graphene/P(VDF-TrFE-CFE) electroactive polymer nanocomposites with superior electromechanical performance. Journal of Materials Chemistry, 2012, 22, 830-834.	6.7	82
9	Multifunctional unimolecular micelles for cancer-targeted drug delivery and positron emission tomography imaging. Biomaterials, 2012, 33, 3071-3082.	11.4	224
10	Processing and characterization of recycled poly(ethylene terephthalate) blends with chain extenders, thermoplastic elastomer, and/or poly(butylene adipateâ€‹coâ€‹terephthalate). Polymer Engineering and Science, 2011, 51, 1023-1032.	3.1	54
11	Microcellular poly(hydroxybutyrateâ€‹coâ€‹hydroxyvalerate)â€‹hyperbranched polymerâ€“nanoclay nanocomposites. Polymer Engineering and Science, 2011, 51, 1815-1826.	3.1	16
12	cRGD-functionalized, DOX-conjugated, and 64Cu-labeled superparamagnetic iron oxide nanoparticles for targeted anticancer drug delivery and PET/MR imaging. Biomaterials, 2011, 32, 4151-4160.	11.4	410
13	Multifunctional SPIO/DOX-loaded wormlike polymer vesicles for cancer therapy and MR imaging. Biomaterials, 2010, 31, 9065-9073.	11.4	200
14	Processing and characterization of solid and microcellular PHBV/coir fiber composites. Materials Science and Engineering C, 2010, 30, 749-757.	7.3	69
15	Processing and characterization of microcellular PHBV/PBAT blends. Polymer Engineering and Science, 2010, 50, 1440-1448.	3.1	89
16	Multifunctional Stable and pH-Responsive Polymer Vesicles Formed by Heterofunctional Triblock Copolymer for Targeted Anticancer Drug Delivery and Ultrasensitive MR Imaging. ACS Nano, 2010, 4, 6805-6817.	14.6	304
17	Processing and characterization of solid and microcellular PHBV/PBAT blend and its RWF/nanoclay composites. Composites Part A: Applied Science and Manufacturing, 2010, 41, 982-990.	7.6	87