Arunpandian Balaji

List of Publications by Year
in descending order

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		623188	752256
19	794	14	20
papers	citations	h-index	g-index

20	20	20	1526
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hemocompatibility of Sulfuric Acid-Treated Metallocene Polyethylene and its Application in Reducing the Quantity of Medical Plastic Waste. Polymer-Plastics Technology and Engineering, 2017, 56, 240-253.	1.9	3
2	An Insight into the Putative Role of Victuals Like Honey and its Polyphenols in Breast Cancer. Current Science, 2017, 112, 1839.	0.4	7
3	Fabrication and hemocompatibility assessment of novel polyurethane-based bio-nanofibrous dressing loaded with honey and Carica papaya extract for the management of burn injuries. International Journal of Nanomedicine, 2016, Volume 11, 4339-4355.	3.3	89
4	Honey and its Phytochemicals: Plausible Agents in Combating Colon Cancer through its Diversified Actions. Journal of Food Biochemistry, 2016, 40, 613-629.	1.2	17
5	Natural Frequency of Cancer Cells as a Starting Point in Cancer Treatment. Current Science, 2016, 110, 1828.	0.4	8
6	Carbon nanotubes and graphene as emerging candidates in neuroregeneration and neurodrug delivery. International Journal of Nanomedicine, 2015, 10, 4267.	3.3	59
7	Microwave-assisted fibrous decoration of mPE surface utilizing Aloe vera extract for tissue engineering applications. International Journal of Nanomedicine, 2015, 10, 5909.	3.3	10
8	Multifaceted prospects of nanocomposites for cardiovascular grafts and stents. International Journal of Nanomedicine, 2015, 10, 2785.	3.3	19
9	Estimation and Comparison of Natural Frequency of Coronary Metallic Stents using Modal Analysis. Indian Journal of Science and Technology, 2015, 8, .	0.5	5
10	An insight on electrospun-nanofibers-inspired modern drug delivery system in the treatment of deadly cancers. RSC Advances, 2015, 5, 57984-58004.	1.7	85
11	Gallic acid: prospects and molecular mechanisms of its anticancer activity. RSC Advances, 2015, 5, 35608-35621.	1.7	83
12	Review: physico-chemical modification as a versatile strategy for the biocompatibility enhancement of biomaterials. RSC Advances, 2015, 5, 39232-39244.	1.7	63
13	Biomaterials based nano-applications of Aloe vera and its perspective: a review. RSC Advances, 2015, 5, 86199-86213.	1.7	51
14	Prospects of common biomolecules as coating substances for polymeric biomaterials. RSC Advances, 2015, 5, 69660-69679.	1.7	23
15	Tangible nanocomposites with diverse properties for heart valve application. Science and Technology of Advanced Materials, 2015, 16, 033504.	2.8	16
16	Review: Radiation-induced surface modification of polymers for biomaterial application. Journal of Materials Science, 2015, 50, 2007-2018.	1.7	59
17	A Review on Antiproliferative and Apoptotic Activities of Natural Honey. Anti-Cancer Agents in Medicinal Chemistry, 2014, 15, 48-56.	0.9	34
18	Biomaterials in Cardiovascular Research: Applications and Clinical Implications. BioMed Research International, 2014, 2014, 1-11.	0.9	113

#	Article	IF	Citations
19	Chemopreventive effect of apple and berry fruits against colon cancer. World Journal of Gastroenterology, 2014, 20, 17029.	1.4	49