

# Arunpandian Balaji

## List of Publications by Year in descending order

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19  
papers

794  
citations

623188

14  
h-index

752256

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomaterials in Cardiovascular Research: Applications and Clinical Implications. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	113
2	Fabrication and hemocompatibility assessment of novel polyurethane-based bio-nanofibrous dressing loaded with honey and <i>Carica papaya</i> extract for the management of burn injuries. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4339-4355.	3.3	89
3	An insight on electrospun-nanofibers-inspired modern drug delivery system in the treatment of deadly cancers. <i>RSC Advances</i> , 2015, 5, 57984-58004.	1.7	85
4	Gallic acid: prospects and molecular mechanisms of its anticancer activity. <i>RSC Advances</i> , 2015, 5, 35608-35621.	1.7	83
5	Review: physico-chemical modification as a versatile strategy for the biocompatibility enhancement of biomaterials. <i>RSC Advances</i> , 2015, 5, 39232-39244.	1.7	63
6	Carbon nanotubes and graphene as emerging candidates in neuroregeneration and neurodrug delivery. <i>International Journal of Nanomedicine</i> , 2015, 10, 4267.	3.3	59
7	Review: Radiation-induced surface modification of polymers for biomaterial application. <i>Journal of Materials Science</i> , 2015, 50, 2007-2018.	1.7	59
8	Biomaterials based nano-applications of Aloe vera and its perspective: a review. <i>RSC Advances</i> , 2015, 5, 86199-86213.	1.7	51
9	Chemopreventive effect of apple and berry fruits against colon cancer. <i>World Journal of Gastroenterology</i> , 2014, 20, 17029.	1.4	49
10	A Review on Antiproliferative and Apoptotic Activities of Natural Honey. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 15, 48-56.	0.9	34
11	Prospects of common biomolecules as coating substances for polymeric biomaterials. <i>RSC Advances</i> , 2015, 5, 69660-69679.	1.7	23
12	Multifaceted prospects of nanocomposites for cardiovascular grafts and stents. <i>International Journal of Nanomedicine</i> , 2015, 10, 2785.	3.3	19
13	Honey and its Phytochemicals: Plausible Agents in Combating Colon Cancer through its Diversified Actions. <i>Journal of Food Biochemistry</i> , 2016, 40, 613-629.	1.2	17
14	Tangible nanocomposites with diverse properties for heart valve application. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 033504.	2.8	16
15	Microwave-assisted fibrous decoration of mPE surface utilizing Aloe vera extract for tissue engineering applications. <i>International Journal of Nanomedicine</i> , 2015, 10, 5909.	3.3	10
16	Natural Frequency of Cancer Cells as a Starting Point in Cancer Treatment. <i>Current Science</i> , 2016, 110, 1828.	0.4	8
17	An Insight into the Putative Role of Nutrients Like Honey and its Polyphenols in Breast Cancer. <i>Current Science</i> , 2017, 112, 1839.	0.4	7
18	Estimation and Comparison of Natural Frequency of Coronary Metallic Stents using Modal Analysis. <i>Indian Journal of Science and Technology</i> , 2015, 8, .	0.5	5

#	ARTICLE	IF	CITATIONS
19	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