

# Shantikumar V Nair

## List of Publications by Year in descending order

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119  
papers

3,553  
citations

201674

27  
h-index

155660

55  
g-index

128  
all docs

128  
docs citations

128  
times ranked

6306  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploiting the preferential phagocytic uptake of nanoparticle-antigen conjugates for the effective treatment of autoimmunity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 40, 102481.	3.3	3
2	A novel small diameter nanotextile arterial graft is associated with surgical feasibility and safety and increased transmural endothelial ingrowth in pig. <i>Journal of Nanobiotechnology</i> , 2022, 20, 71.	9.1	6
3	Nanoscale-engineered LiCoO <sub>2</sub> as a high energy cathode for wide temperature lithium-ion battery applications—role of coating chemistry and thickness. <i>Nanotechnology</i> , 2022, 33, 275403.	2.6	4
4	Nanofibrous Facemasks with Curcumin for Improved Bacterial/Particulate Filtration and Biocidal Activity. <i>ACS Applied Polymer Materials</i> , 2022, 4, 4839-4849.	4.4	4
5	Intracranially injectable multi-siRNA nanomedicine for the inhibition of glioma stem cells. <i>Neuro-Oncology Advances</i> , 2021, 3, vtab104.	0.7	5
6	Role of Testosterone Levels on the Combinatorial Effect of <i>Boswellia serrata</i> Extract and Enzalutamide on Androgen Dependent LNCaP Cells and in Patient Derived Cells. <i>Integrative Cancer Therapies</i> , 2021, 20, 153473542199682.	2.0	4
7	nCP:Fe Nanocontrast Agent for Magnetic Resonance Imaging-Based Early Detection of Liver Cirrhosis and Hepatocellular Carcinoma. <i>ACS Applied Bio Materials</i> , 2021, 4, 3398-3409.	4.6	4
8	Cancer nanomedicine developed from total human serum: a novel approach for making personalized nanomedicine. <i>Nanomedicine</i> , 2021, 16, 997-1015.	3.3	9
9	Surface engineering at the nanoscale: A way forward to improve coronary stent efficacy. <i>APL Bioengineering</i> , 2021, 5, 021508.	6.2	21
10	Design, Development, and Evaluation of an Interwoven Electrospun Nanotextile Vascular Patch. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100359.	3.6	9
11	Sex-Dependent Bioaccumulation of Nano Zinc Oxide and Its Adverse Effects on Sexual Behavior and Reproduction in Japanese Medaka. <i>ACS Applied Bio Materials</i> , 2021, 4, 7408-7421.	4.6	3
12	Nanocomposite fibrous scaffold mediated mandible reconstruction and dental rehabilitation: An experimental study in pig model. <i>Materials Science and Engineering C</i> , 2021, , 112631.	7.3	5
13	Adipose derived mesenchymal stem cell secretome formulation as a biotherapeutic to inhibit growth of drug resistant triple negative breast cancer. <i>Scientific Reports</i> , 2021, 11, 23435.	3.3	10
14	Strategies for Targeting Cancer Immunotherapy Through Modulation of the Tumor Microenvironment. <i>Regenerative Engineering and Translational Medicine</i> , 2020, 6, 29-49.	2.9	16
15	ONO-1301 loaded nanocomposite scaffolds modulate cAMP mediated signaling and induce new bone formation in critical sized bone defect. <i>Biomaterials Science</i> , 2020, 8, 884-896.	5.4	9
16	Plasma driven nano-morphological changes and photovoltaic performance in dye sensitized 2D-layered dual oxy-sulfide phase WS <sub>2</sub> films. <i>Nanoscale</i> , 2020, 12, 239-247.	5.6	10
17	N-doped carbon nanosheets as high-performance anodes for Li- and Na-ion batteries. <i>Journal of Materials Research</i> , 2020, 35, 12-19.	2.6	11
18	Successful Reduction of Neointimal Hyperplasia on Stainless Steel Coronary Stents by Titania Nanotexturing. <i>ACS Omega</i> , 2020, 5, 17582-17591.	3.5	13

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19	Superabsorbent sodium carboxymethyl cellulose membranes based on a new cross-linker combination for female sanitary napkin applications. Carbohydrate Polymers, 2020, 248, 116763.	10.2	26
20	Effects of gas-phase and wet-chemical surface treatments on substrates induced vertical, valley-hill & micro-granular growth morphologies of close space sublimated CdTe films. Nanoscale Advances, 2020, 2, 4757-4769.	4.6	2
21	Chemical bath deposited WS <sub>2</sub> quantum dots on TiO <sub>2</sub> for dye sensitized solar cell applications. Optical and Quantum Electronics, 2020, 52, 1.	3.3	6
22	Assessing the role of plasma-engineered acceptor-like intra- and inter-grain boundaries of heterogeneous WS <sub>2</sub> -WO <sub>3</sub> nanosheets for photocurrent characteristics. Nanoscale Advances, 2020, 2, 2276-2283.	4.6	7
23	Thickness-dependent hole-blocking capability of RF-sputtered nickel oxide compact layers in dye-sensitized solar cells. Emergent Materials, 2020, 3, 117-124.	5.7	9
24	Surface-Engineered Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> Nanostructures for High-Power Li-Ion Batteries. Nano-Micro Letters, 2020, 12, 30.	27.0	31
25	RF-sputtered tungsten enabled surface plasmon effect in dye sensitised solar cells. IET Optoelectronics, 2020, 14, 274-277.	3.3	1
26	Grain/grain-boundary mediated dispersive photo-current characteristics in close space sublimated micro-granular CdTe films. IET Optoelectronics, 2020, 14, 252-255.	3.3	2
27	Atomically thin 2D layered MoS <sub>2</sub> -enabled photo-current characteristics in TiO <sub>2</sub> nanoparticle films. Applied Nanoscience (Switzerland), 2019, 9, 1611-1619.	3.1	1
28	Solvent-controlled solid-electrolyte interphase layer composition of a high performance Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> anode for Na-ion battery applications. Sustainable Energy and Fuels, 2019, 3, 2490-2498.	4.9	13
29	Hydrothermal processed heterogeneous MoS <sub>2</sub> assisted charge transport in dye sensitized solar cells. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	1
30	nCP:Fe <sup>3+</sup> A Biomineral Magnetic Nanocontrast Agent for Tracking Implanted Stem Cells in Brain Using MRI. ACS Applied Bio Materials, 2019, 2, 5390-5403.	4.6	8
31	Evaluation of osseointegration of staged or simultaneously placed dental implants with nanocomposite fibrous scaffolds in rabbit mandibular defect. Materials Science and Engineering C, 2019, 104, 109864.	7.3	8
32	Enhanced anti-tumor efficacy and safety with metronomic intraperitoneal chemotherapy for metastatic ovarian cancer using biodegradable nanotextile implants. Journal of Controlled Release, 2019, 305, 29-40.	9.9	21
33	Combination of Repurposed Drug Diosmin with Amoxicillin-Clavulanic acid Causes Synergistic Inhibition of Mycobacterial Growth. Scientific Reports, 2019, 9, 6800.	3.3	31
34	Magnetic 3D scaffold: A theranostic tool for tissue regeneration and non-invasive imaging in vivo. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 18, 179-188.	3.3	14
35	Spray pyrolysis-coated nano-clustered CdTe on amorphous Si thin films for heterojunction solar cells. Applied Nanoscience (Switzerland), 2019, 9, 1479-1486.	3.1	8
36	Predictive models for designing potent tyrosine kinase inhibitors in chronic myeloid leukemia for understanding its molecular mechanism of resistance by molecular docking and dynamics simulations. Journal of Biomolecular Structure and Dynamics, 2019, 37, 4747-4766.	3.5	8

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37	Cobalt oxide thin films for high capacity and stable Li-ion battery anode. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 513-518.	2.5	7
38	Generation of humanized single-chain fragment variable immunotherapeutic against EGFR variant III using baculovirus expression system and in vitro validation. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 17-24.	7.5	7
39	Long-term drug delivery using implantable electrospun woven polymeric nanotextiles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 15, 274-284.	3.3	33
40	Brain-Tumor-Regenerating 3D Scaffold-Based Primary Xenograft Models for Glioma Stem Cell Targeted Drug Screening. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 139-148.	5.2	5
41	Ultralong (10K) Cycle-Life and High-Power Li-Ion Storage in $\text{Li}_{4/5}\text{Ti}_{12}\text{O}_{20}$ Films Developed via Sustainable Electrophoretic Deposition Process. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4705-4710.	6.7	9
42	Intraperitoneal chemotherapy for ovarian cancer using sustained-release implantable devices. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 481-494.	5.0	24
43	Fabrication of micropatterned alginate-gelatin and k-carrageenan hydrogels of defined shapes using simple wax mould method as a platform for stem cell/induced Pluripotent Stem Cells (iPSC) culture. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 737-744.	7.5	26
44	Understanding Hysteresis Behavior in $\text{SnO}_2$ Nanofiber-Based Dye-Sensitized Solar Cell. <i>IEEE Journal of Photovoltaics</i> , 2018, 8, 1044-1050.	2.5	5
45	Electrosprayed $\text{NiCo}_2\text{O}_4$ nanoparticles for long cycle life and high-power Li-ion battery anode. <i>Ionics</i> , 2018, 24, 3375-3383.	2.4	2
46	Ultrathin $\text{TiO}_2$ Coating on $\text{LiCoO}_2$ for Improved Electrochemical Performance as $\text{Li}^+$ Ion Battery Cathode. <i>ChemistrySelect</i> , 2018, 3, 2763-2766.	1.5	27
47	Polymeric nanomicelles for cancer theragnostics. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 119-130.	3.4	10
48	Synthesis of $\text{Co}_3\text{O}_4$ Nanoparticles Wrapped Within Full Carbon Matrix as an Anode Material for Lithium Ion Batteries. <i>Acta Metallurgica Sinica (English Letters)</i> , 2018, 31, 164-170.	2.9	12
49	Computational simulations and experimental validation of structure- physicochemical properties of pristine and functionalized graphene: Implications for adverse effects on p53 mediated DNA damage response. <i>International Journal of Biological Macromolecules</i> , 2018, 110, 540-549.	7.5	7
50	Spray pyrolysis-deposited $\text{TiO}_2$ thin films as high-performance lithium ion battery anodes. <i>Ionics</i> , 2018, 24, 2193-2198.	2.4	3
51	Engineering poly(hydroxy butyrate-co-hydroxy valerate) based vascular scaffolds to mimic native artery. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 85-98.	7.5	30
52	Effect of Lithiation Voltage Limit on the Electrochemical Performance of High Surface Area Anatase $\text{TiO}_2$ Nanoparticles and Its Application in Full-Cell $\text{Li}^+$ Ion Battery. <i>ChemistrySelect</i> , 2018, 3, 12258-12262.	1.5	2
53	2D-layered $\text{MoS}_2$ incorporated $\text{TiO}_2$ Nanofiber-Based Dye-Sensitized Solar Cells. <i>ChemistrySelect</i> , 2018, 3, 5801-5807.	1.5	17
54	Dual release of growth factor from nanocomposite fibrous scaffold promotes vascularisation and bone regeneration in rat critical sized calvarial defect. <i>Acta Biomaterialia</i> , 2018, 78, 36-47.	8.3	85

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55	All spray pyrolysis-coated CdTe/TiO <sub>2</sub> heterogeneous films for photo-electrochemical solar cells. <i>Materials for Renewable and Sustainable Energy</i> , 2018, 7, 1.	3.6	10
56	Sustainable Chemical Synthesis for Phosphorus-Doping of TiO <sub>2</sub> Nanoparticles by Upcycling Human Urine and Impact of Doping on Energy Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 2393-2399.	6.7	31
57	Surfactant-assisted synthesis of porous TiO <sub>2</sub> nanofibers as an anode material for secondary lithium ion batteries. <i>Sustainable Energy and Fuels</i> , 2017, 1, 138-144.	4.9	11
58	Electrospun Yarn Reinforced NanoHA Composite Matrix as a Potential Bone Substitute for Enhanced Regeneration of Segmental Defects. <i>Tissue Engineering - Part A</i> , 2017, 23, 345-358.	3.1	21
59	Tri-layered Nanocomposite Hydrogel Scaffold for the Concurrent Regeneration of Cementum, Periodontal Ligament, and Alveolar Bone. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601251.	7.6	111
60	Current trend in drug delivery considerations for subcutaneous insulin depots to treat diabetes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 153, 123-131.	5.0	21
61	Stable Titania Nanostructures on Stainless Steel Coronary Stent Surface for Enhanced Corrosion Resistance and Endothelialization. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601353.	7.6	23
62	Theranostic 3-Dimensional nano brain-implant for prolonged and localized treatment of recurrent glioma. <i>Scientific Reports</i> , 2017, 7, 43271.	3.3	101
63	Highly porous disk-like shape of Co <sub>3</sub> O <sub>4</sub> as an anode material for lithium ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 2869-2875.	2.5	9
64	Influence of surface passivation of 2-Methoxyestradiol loaded PLGA nanoparticles on cellular interactions, pharmacokinetics and tumour accumulation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 242-249.	5.0	16
65	Impact of Carbon Nanostructures as Additives with Spinel Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> /LiMn <sub>2</sub> O <sub>4</sub> Electrodes for Lithium Ion Battery Technology. <i>ChemistrySelect</i> , 2017, 2, 9772-9776.	1.5	9
66	Molybdenum trioxide thin film recombination barrier layers for dye sensitized solar cells. <i>RSC Advances</i> , 2017, 7, 48853-48860.	3.6	27
67	Bioinspired Composite Matrix Containing Hydroxyapatite/Silica Core/Shell Nanorods for Bone Tissue Engineering. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 26707-26718.	8.0	48
68	Theranostic Iron Oxide/Gold Ion Nanoprobes for MR Imaging and Noninvasive RF Hyperthermia. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 28260-28272.	8.0	24
69	Reversible Cu <sub>4</sub> O <sub>3</sub> Phase Formation in CuO Nanoplate Anodes for High Capacity and High Coulombic Efficiency. <i>ChemistrySelect</i> , 2017, 2, 11548-11551.	1.5	2
70	Injectable Shear-Thinning CaSO <sub>4</sub> /FGF-18-Incorporated Chitin/PLGA Hydrogel Enhances Bone Regeneration in Mice Cranial Bone Defect Model. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 42639-42652.	8.0	56
71	Biomaterial Nano-Theranostic agent for Magnetic Resonance Image Guided, Augmented Radiofrequency Ablation of Liver Tumor. <i>Scientific Reports</i> , 2017, 7, 14481.	3.3	22
72	Leucas aspera Nanomedicine Shows Superior Toxicity and Cell Migration Retarded in Prostate Cancer Cells. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 1388-1400.	2.9	12

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73	<i>Biophytum sensitivum</i> nanomedicine reduces cell viability and nitrite production in prostate cancer cells. IET Nanobiotechnology, 2017, 11, 782-789.	3.8	0
74	Investigation of organic small molecules and polymer compounds for CdTe back contact. , 2016, , .		1
75	Ultrafast pyro-synthesis of NiFe <sub>2</sub> O <sub>4</sub> nanoparticles within a full carbon network as a high-rate and cycle-stable anode material for lithium ion batteries. RSC Advances, 2016, 6, 38064-38070.	3.6	23
76	Biodegradable Radiofrequency Responsive Nanoparticles for Augmented Thermal Ablation Combined with Triggered Drug Release in Liver Tumors. ACS Biomaterials Science and Engineering, 2016, 2, 768-779.	5.2	14
77	Sustained Release of Rottlerin Encapsulated within Poly(D,L-Lactic-co-Glycolic Acid) Nanoparticles Inhibits Migration and Clonogenicity in Pancreatic Cancer Cells. Journal of Nanoscience and Nanotechnology, 2016, 16, 8330-8337.	0.9	0
78	Nano-fibrin stabilized CaSO <sub>4</sub> crystals incorporated injectable chitin composite hydrogel for enhanced angiogenesis & osteogenesis. Carbohydrate Polymers, 2016, 140, 144-153.	10.2	43
79	Cellular and molecular mechanistic insight into the DNA-damaging potential of few-layer graphene in human primary endothelial cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1347-1355.	3.3	51
80	Electrospun Polymeric Core-sheath Yarns as Drug Eluting Surgical Sutures. ACS Applied Materials & Interfaces, 2016, 8, 6925-6934.	8.0	80
81	Nanoparticles as Drug Delivery Vehicles for the Therapy of Inflammatory Disorders. Frontiers in Nanobiomedical Research, 2016, , 165-204.	0.1	0
82	Long-Range Conjugation in Phenothiazine-containing Donor-Acceptor Dyes for Application in Dye-Sensitized Solar Cells. ChemSusChem, 2015, 8, 3859-3868.	6.8	21
83	Development and molecular characterization of polymeric micro-nanofibrous scaffold of a defined 3-D niche for in vitro chemosensitivity analysis against acute myeloid leukemia cells. International Journal of Nanomedicine, 2015, 10, 3603.	6.7	8
84	Periodontal Specific Differentiation of Dental Follicle Stem Cells into Osteoblast, Fibroblast, and Cementoblast. Tissue Engineering - Part C: Methods, 2015, 21, 1044-1058.	2.1	35
85	Transferrin-Conjugated Biodegradable Graphene for Targeted Radiofrequency Ablation of Hepatocellular Carcinoma. ACS Biomaterials Science and Engineering, 2015, 1, 1211-1219.	5.2	15
86	Injectable alginate-O-carboxymethyl chitosan/nano fibrin composite hydrogels for adipose tissue engineering. International Journal of Biological Macromolecules, 2015, 74, 318-326.	7.5	96
87	A systematic evaluation of hydroxyethyl starch as a potential nanocarrier for parenteral drug delivery. International Journal of Biological Macromolecules, 2015, 74, 575-584.	7.5	36
88	Integrating Substrateless Electrospinning with Textile Technology for Creating Biodegradable Three-Dimensional Structures. Nano Letters, 2015, 15, 5420-5426.	9.1	81
89	An in-depth review on the role of carbon nanostructures in dye-sensitized solar cells. Journal of Materials Chemistry A, 2015, 3, 17914-17938.	10.3	99
90	Injectable Chitin-Poly( $\mu$ -caprolactone)/Nanohydroxyapatite Composite Microgels Prepared by Simple Regeneration Technique for Bone Tissue Engineering. ACS Applied Materials & Interfaces, 2015, 7, 9399-9409.	8.0	127

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91	Effect of Baliospermum montanum nanomedicine apoptosis induction and anti-migration of prostate cancer cells. Biomedicine and Pharmacotherapy, 2015, 71, 201-209.	5.6	18
92	Protein Nanomedicine Exerts Cytotoxicity toward CD34 <sup>+</sup> CD38 <sup>+</sup> CD123 <sup>+</sup> Leukemic Stem Cells. ACS Biomaterials Science and Engineering, 2015, 1, 1194-1199.	5.2	4
93	Bone Tissue Engineering with Multilayered Scaffoldsâ€”Part I: An Approach for Vascularizing Engineered Constructs <i>In Vivo</i> . Tissue Engineering - Part A, 2015, 21, 2480-2494.	3.1	31
94	Bone Tissue Engineering with Multilayered Scaffoldsâ€”Part II: Combining Vascularization with Bone Formation in Critical-Sized Bone Defect. Tissue Engineering - Part A, 2015, 21, 2495-2503.	3.1	14
95	The effect of graphene on the performance of an electrochemical flow capacitor. Journal of Materials Chemistry A, 2015, 3, 2717-2725.	10.3	26
96	Nanotextured stainless steel for improved corrosion resistance and biological response in coronary stenting. Nanoscale, 2015, 7, 832-841.	5.6	23
97	Efficacy versus Toxicity - The Ying and Yang in Translating Nanomedicines. Nanomaterials and Nanotechnology, 2014, 4, 23.	3.0	6
98	Fabrication of a dye-sensitized solar cell module using spray pyrolysis deposition of a TiO <sub>2</sub> colloid. RSC Advances, 2014, 4, 23299-23303.	3.6	17
99	Flower-shaped anatase TiO <sub>2</sub> mesostructures with excellent photocatalytic properties. RSC Advances, 2014, 4, 1421-1424.	3.6	21
100	A rationally designed photo-chemo core-shell nanomedicine for inhibiting the migration of metastatic breast cancer cells followed by photodynamic killing. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 579-587.	3.3	20
101	Epigenetics targeted protein-vorinostat nanomedicine inducing apoptosis in heterogeneous population of primary acute myeloid leukemia cells including refractory and relapsed cases. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 721-732.	3.3	12
102	A review on counter electrode materials in dye-sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 4474-4490.	10.3	473
103	High surface area TiO <sub>2</sub> nanoparticles by a freeze-drying approach for dye-sensitized solar cells. RSC Advances, 2014, 4, 36821-36827.	3.6	20
104	Cabbage leaf-shaped two-dimensional TiO <sub>2</sub> mesostructures for efficient dye-sensitized solar cells. RSC Advances, 2014, 4, 27084-27090.	3.6	15
105	TiO <sub>2</sub> nanoparticles @ TiO <sub>2</sub> nanofibers â€” an innovative one-dimensional material for dye-sensitized solar cells. RSC Advances, 2014, 4, 22941-22945.	3.6	7
106	A review on materials for light scattering in dye-sensitized solar cells. RSC Advances, 2014, 4, 17615-17638.	3.6	127
107	A review on â€”self-cleaning and multifunctional materialsâ€™. Journal of Materials Chemistry A, 2014, 2, 14773-14797.	10.3	387
108	Transferrin targeted core-shell nanomedicine for combinatorial delivery of doxorubicin and sorafenib against hepatocellular carcinoma. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1649-1659.	3.3	82

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109	Design and development of an integrated device consisting of an independent solar cell with electrical storage capacity. <i>Progress in Photovoltaics: Research and Applications</i> , 2013, 21, 1153-1157.	8.1	19
110	Fabricating fiber, rice and leaf-shaped TiO <sub>2</sub> by tuning the chemistry between TiO <sub>2</sub> and the polymer during electrospinning. <i>RSC Advances</i> , 2013, 3, 16720.	3.6	24
111	Nanoparticles as Drug Delivery Vehicles for the Therapy of Inflammatory Disorders. <i>Frontiers in Nanobiomedical Research</i> , 2013, , 477-516.	0.1	0
112	Simultaneous inhibition of aberrant cancer kinome using rationally designed polymer-protein core-shell nanomedicine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 1317-1327.	3.3	15
113	Influence of titania nanotopography on human vascular cell functionality and its proliferation in vitro. <i>Journal of Materials Chemistry</i> , 2012, 22, 1326-1340.	6.7	50
114	Generation of a biomimetic 3D microporous nano-fibrous scaffold on titanium surfaces for better osteointegration of orthopedic implants. <i>Journal of Materials Chemistry</i> , 2012, 22, 1904-1915.	6.7	21
115	Biocompatible and Antibacterial Nanofibrous Poly( $\epsilon$ -caprolactone)-Nanosilver Composite Scaffolds for Tissue Engineering Applications. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012, 49, 131-138.	2.2	42
116	Rationally Designed Aberrant Kinase-Targeted Endogenous Protein Nanomedicine against Oncogene Mutated/Amplified Refractory Chronic Myeloid Leukemia. <i>Molecular Pharmaceutics</i> , 2012, 9, 3062-3078.	4.6	20
117	O-Carboxymethyl chitosan nanoparticles for metformin delivery to pancreatic cancer cells. <i>Carbohydrate Polymers</i> , 2012, 89, 1003-1007.	10.2	98
118	Hydroxyapatite-Reinforced Polyamide 6,6 Nanocomposites through Melt Compounding. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2010, 59, 498-509.	3.4	15
119	Silk-based bilayered small diameter woven vascular conduits for improved mechanical and cellular characteristics. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 0, , 1-10.	3.4	0