

# Shantikumar V Nair

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3663665/publications.pdf>

Version: 2024-02-01

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	A review on counter electrode materials in dye-sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 4474-4490.	10.3	473
2	A review on "self-cleaning and multifunctional materials"™. Journal of Materials Chemistry A, 2014, 2, 14773-14797.	10.3	387
3	A review on materials for light scattering in dye-sensitized solar cells. RSC Advances, 2014, 4, 17615-17638.	3.6	127
4	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
5	Tri-layered Nanocomposite Hydrogel Scaffold for the Concurrent Regeneration of Cementum, Periodontal Ligament, and Alveolar Bone. Advanced Healthcare Materials, 2017, 6, 1601251.	7.6	111
6	Theranostic 3-Dimensional nano brain-implant for prolonged and localized treatment of recurrent glioma. Scientific Reports, 2017, 7, 43271.	3.3	101
7	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
8	O-Carboxymethyl chitosan nanoparticles for metformin delivery to pancreatic cancer cells. Carbohydrate Polymers, 2012, 89, 1003-1007.	10.2	98
9	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
10	Dual release of growth factor from nanocomposite fibrous scaffold promotes vascularisation and bone regeneration in rat critical sized calvarial defect. Acta Biomaterialia, 2018, 78, 36-47.	8.3	85
11	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
12	Integrating Substrateless Electrospinning with Textile Technology for Creating Biodegradable Three-Dimensional Structures. Nano Letters, 2015, 15, 5420-5426.	9.1	81
13	Electrospun Polymeric Core-shell Yarns as Drug Eluting Surgical Sutures. ACS Applied Materials & Interfaces, 2016, 8, 6925-6934.	8.0	80
14	Injectable Shear-Thinning CaSO <sub>4</sub> /FGF-18-Incorporated Chitin-PLGA Hydrogel Enhances Bone Regeneration in Mice Cranial Bone Defect Model. ACS Applied Materials & Interfaces, 2017, 9, 42639-42652.	8.0	56
15	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
16	Influence of titania nanotopography on human vascular cell functionality and its proliferation in vitro. Journal of Materials Chemistry, 2012, 22, 1326-1340.	6.7	50
17	Bioinspired Composite Matrix Containing Hydroxyapatite-Silica Core-shell Nanorods for Bone Tissue Engineering. ACS Applied Materials & Interfaces, 2017, 9, 26707-26718.	8.0	48
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	A systematic evaluation of hydroxyethyl starch as a potential nanocarrier for parenteral drug delivery. <i>International Journal of Biological Macromolecules</i> , 2015, 74, 575-584.	7.5	36
21	Periodontal Specific Differentiation of Dental Follicle Stem Cells into Osteoblast, Fibroblast, and Cementoblast. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 1044-1058.	2.1	35
22	Long-term drug delivery using implantable electrospun woven polymeric nanotextiles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 15, 274-284.	3.3	33
23	Bone Tissue Engineering with Multilayered Scaffolds—Part I: An Approach for Vascularizing Engineered Constructs <i>In Vivo</i> . <i>Tissue Engineering - Part A</i> , 2015, 21, 2480-2494.	3.1	31
24	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
25	Combination of Repurposed Drug Diosmin with Amoxicillin-Clavulanic acid Causes Synergistic Inhibition of Mycobacterial Growth. <i>Scientific Reports</i> , 2019, 9, 6800.	3.3	31
26	Surface-Engineered Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> Nanostructures for High-Power Li-Ion Batteries. <i>Nano-Micro Letters</i> , 2020, 12, 30.	27.0	31
27	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
28	Molybdenum trioxide thin film recombination barrier layers for dye sensitized solar cells. <i>RSC Advances</i> , 2017, 7, 48853-48860.	3.6	27
29	Ultrathin TiO <sub>2</sub> Coating on LiCoO <sub>2</sub> for Improved Electrochemical Performance as Li <sup>+</sup> Ion Battery Cathode. <i>ChemistrySelect</i> , 2018, 3, 2763-2766.	1.5	27
30	The effect of graphene on the performance of an electrochemical flow capacitor. <i>Journal of Materials Chemistry A</i> , 2015, 3, 2717-2725.	10.3	26
31	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
32	Superabsorbent sodium carboxymethyl cellulose membranes based on a new cross-linker combination for female sanitary napkin applications. <i>Carbohydrate Polymers</i> , 2020, 248, 116763.	10.2	26
33	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
34	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
35	Intraperitoneal chemotherapy for ovarian cancer using sustained-release implantable devices. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 481-494.	5.0	24
36	Nanotextured stainless steel for improved corrosion resistance and biological response in coronary stenting. <i>Nanoscale</i> , 2015, 7, 832-841.	5.6	23

#	ARTICLE	IF	CITATIONS
37	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
38	Stable Titania Nanostructures on Stainless Steel Coronary Stent Surface for Enhanced Corrosion Resistance and Endothelialization. Advanced Healthcare Materials, 2017, 6, 1601353.	7.6	23
39	Biomaterial Nano-Theranostic agent for Magnetic Resonance Image Guided, Augmented Radiofrequency Ablation of Liver Tumor. Scientific Reports, 2017, 7, 14481.	3.3	22
40	Generation of a biomimetic 3D microporous nano-fibrous scaffold on titanium surfaces for better osteointegration of orthopedic implants. Journal of Materials Chemistry, 2012, 22, 1904-1915.	6.7	21
41	Flower-shaped anatase TiO <sub>2</sub> mesostructures with excellent photocatalytic properties. RSC Advances, 2014, 4, 1421-1424.	3.6	21
42	Long-Range $\pi$ - $\pi$ Conjugation in Phenothiazine-containing Donor-Acceptor Dyes for Application in Dye-Sensitized Solar Cells. ChemSusChem, 2015, 8, 3859-3868.	6.8	21
43	Electrospun Yarn Reinforced NanoHA Composite Matrix as a Potential Bone Substitute for Enhanced Regeneration of Segmental Defects. Tissue Engineering - Part A, 2017, 23, 345-358.	3.1	21
44	Current trend in drug delivery considerations for subcutaneous insulin depots to treat diabetes. Colloids and Surfaces B: Biointerfaces, 2017, 153, 123-131.	5.0	21
45	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
46	Surface engineering at the nanoscale: A way forward to improve coronary stent efficacy. APL Bioengineering, 2021, 5, 021508.	6.2	21
47	Rationally Designed Aberrant Kinase-Targeted Endogenous Protein Nanomedicine against Oncogene Mutated/Amplified Refractory Chronic Myeloid Leukemia. Molecular Pharmaceutics, 2012, 9, 3062-3078.	4.6	20
48	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
49	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
50	Design and development of an integrated device consisting of an independent solar cell with electrical storage capacity. Progress in Photovoltaics: Research and Applications, 2013, 21, 1153-1157.	8.1	19
51	Effect of Baliospermum montanum nanomedicine apoptosis induction and anti-migration of prostate cancer cells. Biomedicine and Pharmacotherapy, 2015, 71, 201-209.	5.6	18
52	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
53	2D-layered MoS <sub>2</sub> incorporated TiO <sub>2</sub> Nanofiber-Based Dye-Sensitized Solar Cells. ChemistrySelect, 2018, 3, 5801-5807.	1.5	17
54	Influence of surface passivation of 2-Methoxyestradiol loaded PLGA nanoparticles on cellular interactions, pharmacokinetics and tumour accumulation. Colloids and Surfaces B: Biointerfaces, 2017, 150, 242-249.	5.0	16

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	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
58	Cabbage leaf-shaped two-dimensional TiO <sub>2</sub> mesostructures for efficient dye-sensitized solar cells. <i>RSC Advances</i> , 2014, 4, 27084-27090.	3.6	15
59	Transferrin-Conjugated Biodegradable Graphene for Targeted Radiofrequency Ablation of Hepatocellular Carcinoma. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1211-1219.	5.2	15
60	Bone Tissue Engineering with Multilayered Scaffolds—Part II: Combining Vascularization with Bone Formation in Critical-Sized Bone Defect. <i>Tissue Engineering - Part A</i> , 2015, 21, 2495-2503.	3.1	14
61	Biodegradable Radiofrequency Responsive Nanoparticles for Augmented Thermal Ablation Combined with Triggered Drug Release in Liver Tumors. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 768-779.	5.2	14
62	Magnetic 3D scaffold: A theranostic tool for tissue regeneration and non-invasive imaging in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 18, 179-188.	3.3	14
63	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. <i>Sustainable Energy and Fuels</i> , 2019, 3, 2490-2498.	4.9	13
64	Successful Reduction of Neointimal Hyperplasia on Stainless Steel Coronary Stents by Titania Nanotexturing. <i>ACS Omega</i> , 2020, 5, 17582-17591.	3.5	13
65	Epigenetics targeted protein-vorinostat nanomedicine inducing apoptosis in heterogeneous population of primary acute myeloid leukemia cells including refractory and relapsed cases. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 721-732.	3.3	12
66	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
67	Synthesis of Co <sub>3</sub> O <sub>4</sub> 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
68	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
69	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
70	Polymeric nanomicelles for cancer theragnostics. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 119-130.	3.4	10
71	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
72	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

#	ARTICLE	IF	CITATIONS
73	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
74	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
75	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
76	Ultralong (10K) Cycle-Life and High-Power Li-Ion Storage in Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> Films Developed via Sustainable Electrophoretic Deposition Process. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4705-4710.	6.7	9
77	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
78	Thickness-dependent hole-blocking capability of RF-sputtered nickel oxide compact layers in dye-sensitized solar cells. <i>Emergent Materials</i> , 2020, 3, 117-124.	5.7	9
79	Cancer nanomedicine developed from total human serum: a novel approach for making personalized nanomedicine. <i>Nanomedicine</i> , 2021, 16, 997-1015.	3.3	9
80	Design, Development, and Evaluation of an Interwoven Electrospun Nanotextile Vascular Patch. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100359.	3.6	9
81	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. <i>International Journal of Nanomedicine</i> , 2015, 10, 3603.	6.7	8
82	nCP:Fe <sup>3+</sup> A Biomineral Magnetic Nanocontrast Agent for Tracking Implanted Stem Cells in Brain Using MRI. <i>ACS Applied Bio Materials</i> , 2019, 2, 5390-5403.	4.6	8
83	Evaluation of osseointegration of staged or simultaneously placed dental implants with nanocomposite fibrous scaffolds in rabbit mandibular defect. <i>Materials Science and Engineering C</i> , 2019, 104, 109864.	7.3	8
84	Spray pyrolysis-coated nano-clustered CdTe on amorphous Si thin films for heterojunction solar cells. <i>Applied Nanoscience (Switzerland)</i> , 2019, 9, 1479-1486.	3.1	8
85	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. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 4747-4766.	3.5	8
86	TiO <sub>2</sub> nanoparticles @ TiO <sub>2</sub> nanofibers – an innovative one-dimensional material for dye-sensitized solar cells. <i>RSC Advances</i> , 2014, 4, 22941-22945.	3.6	7
87	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
88	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
89	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
90	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. <i>Nanoscale Advances</i> , 2020, 2, 2276-2283.	4.6	7

#	ARTICLE	IF	CITATIONS
91	Efficacy versus Toxicity - The Ying and Yang in Translating Nanomedicines. <i>Nanomaterials and Nanotechnology</i> , 2014, 4, 23.	3.0	6
92	Chemical bath deposited WS <sub>2</sub> quantum dots on TiO <sub>2</sub> for dye sensitized solar cell applications. <i>Optical and Quantum Electronics</i> , 2020, 52, 1.	3.3	6
93	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
94	Understanding Hysteresis Behavior in SnO <sub>2</sub> Nanofiber-Based Dye-Sensitized Solar Cell. <i>IEEE Journal of Photovoltaics</i> , 2018, 8, 1044-1050.	2.5	5
95	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
96	Intracranially injectable multi-siRNA nanomedicine for the inhibition of glioma stem cells. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab104.	0.7	5
97	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
98	Protein Nanomedicine Exerts Cytotoxicity toward CD34 <sup>+</sup> CD38 <sup>+</sup> CD123 <sup>+</sup> Leukemic Stem Cells. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1194-1199.	5.2	4
99	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
100	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
101	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
102	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
103	Spray pyrolysis-deposited TiO <sub>2</sub> thin films as high-performance lithium ion battery anodes. <i>Ionics</i> , 2018, 24, 2193-2198.	2.4	3
104	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
105	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
106	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
107	Electrosprayed NiCo <sub>2</sub> O <sub>4</sub> nanoparticles for long cycle life and high-power Li-ion battery anode. <i>Ionics</i> , 2018, 24, 3375-3383.	2.4	2
108	Effect of Lithiation Voltage Limit on the Electrochemical Performance of High Surface Area Anatase TiO <sub>2</sub> Nanoparticles and Its Application in Full-Cell Li-Ion Battery. <i>ChemistrySelect</i> , 2018, 3, 12258-12262.	1.5	2

#	ARTICLE	IF	CITATIONS
109	Effects of gas-phase and wet-chemical surface treatments on substrates induced vertical, valleyâ€“hill & micro-granular growth morphologies of close space sublimated CdTe films. <i>Nanoscale Advances</i> , 2020, 2, 4757-4769.	4.6	2
110	Grain/grainâ€“boundary mediated dispersive photoâ€“current characteristics in close space sublimated microâ€“granular CdTe films. <i>IET Optoelectronics</i> , 2020, 14, 252-255.	3.3	2
111	Investigation of organic small molecules and polymer compounds for CdTe back contact. , 2016, , .		1
112	Atomically thin 2D layered MoS2-enabled photo-current characteristics in TiO2 nanoparticle films. <i>Applied Nanoscience (Switzerland)</i> , 2019, 9, 1611-1619.	3.1	1
113	Hydrothermal processed heterogeneous MoS2 assisted charge transport in dye sensitized solar cells. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	1
114	RFâ€“sputtered tungsten enabled surface plasmon effect in dye sensitised solar cells. <i>IET Optoelectronics</i> , 2020, 14, 274-277.	3.3	1
115	Nanoparticles as Drug Delivery Vehicles for the Therapy of Inflammatory Disorders. <i>Frontiers in Nanobiomedical Research</i> , 2013, , 477-516.	0.1	0
116	Sustained Release of Rottlerin Encapsulated within Poly(D,L-Lactic-co-Glycolic Acid) Nanoparticles Inhibits Migration and Clonogenicity in Pancreatic Cancer Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 8330-8337.	0.9	0
117	Nanoparticles as Drug Delivery Vehicles for the Therapy of Inflammatory Disorders. <i>Frontiers in Nanobiomedical Research</i> , 2016, , 165-204.	0.1	0
118	<i>Biophytum sensitivum</i> nanomedicine reduces cell viability and nitrite production in prostate cancer cells. <i>IET Nanobiotechnology</i> , 2017, 11, 782-789.	3.8	0
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