

Dong Jin Kang

List of Publications by Year in descending order

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38
papers

1,273
citations

304602

22
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docs citations

39
times ranked

1999
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Scale Synthesis of Hybrid Conductive Polymer@Gold Nanoparticles Using @Sacrificial@Weakly Binding Ligands for Printing Electronics. <i>Inorganic Chemistry</i> , 2021, 60, 17103-17113.	1.9	8
2	High@Resolution Inkjet Printing of Quantum Dot Light@Emitting Microdiode Arrays. <i>Advanced Optical Materials</i> , 2020, 8, 1901429.	3.6	145
3	Reversible Conductive Inkjet Printing of Healable and Recyclable Electrodes on Cardboard and Paper. <i>Small</i> , 2020, 16, e2000928.	5.2	11
4	Programmable soft robotics based on nano-textured thermo-responsive actuators. <i>Nanoscale</i> , 2019, 11, 2065-2070.	2.8	29
5	Nanoparticle synthesis <i>via</i> bubbling vapor precursors in bulk liquids. <i>Nanoscale</i> , 2018, 10, 12196-12203.	2.8	2
6	Synthesizing Pickering Nanoemulsions by Vapor Condensation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21746-21754.	4.0	34
7	A blister-like soft nano-textured thermo-pneumatic actuator as an artificial muscle. <i>Nanoscale</i> , 2018, 10, 16591-16600.	2.8	26
8	Surface Engineering of Graphene Quantum Dots and Their Applications as Efficient Surfactants. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8615-8621.	4.0	76
9	Enhancing Mechanical Properties of Highly Efficient Polymer Solar Cells Using Size-Tuned Polymer Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 2668-2676.	4.0	16
10	Synthesis of biodegradable and flexible, polylactic acid based, thermoplastic polyurethane with high gas barrier properties. <i>Polymer International</i> , 2014, 63, 1620-1626.	1.6	27
11	Simultaneously Enhancing Light Extraction and Device Stability of Organic Light@Emitting Diodes using a Corrugated Polymer Nanosphere Templated PEDOT:PSS Layer. <i>Advanced Energy Materials</i> , 2014, 4, 1301345.	10.2	19
12	Au@Polymer Core@Shell Nanoparticles for Simultaneously Enhancing Efficiency and Ambient Stability of Organic Optoelectronic Devices. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 16956-16965.	4.0	71
13	Highly Luminescent Polymer Particles Driven by Thermally Reduced Graphene Quantum Dot Surfactants. <i>ACS Macro Letters</i> , 2014, 3, 985-990.	2.3	42
14	Aspect-Ratio Effect of Nanorod Compatibilizers in Conducting Polymer Blends. <i>ACS Macro Letters</i> , 2014, 3, 398-404.	2.3	19
15	Light@Emitting Diodes: Simultaneously Enhancing Light Extraction and Device Stability of Organic Light@Emitting Diodes using a Corrugated Polymer Nanosphere Templated PEDOT:PSS Layer (<i>Adv. Energy</i>) Tj ETQq0.1 0.784314 rgB	4.1	14
16	Influence of intermolecular interactions of electron donating small molecules on their molecular packing and performance in organic electronic devices. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14538.	5.2	86
17	Efficient light trapping in inverted polymer solar cells by a randomly nanostructured electrode using monodispersed polymer nanoparticles. <i>Nanoscale</i> , 2013, 5, 1858.	2.8	22
18	Nanosphere Templated Continuous PEDOT:PSS Films with Low Percolation Threshold for Application in Efficient Polymer Solar Cells. <i>ACS Nano</i> , 2012, 6, 7902-7909.	7.3	30

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19	Gold-Decorated Block Copolymer Microspheres with Controlled Surface Nanostructures. ACS Nano, 2012, 6, 2750-2757.	7.3	72
20	Effects of Pristine and Metal MWCNTs on Crystalline Structure of PLA/ABS Blends: Morphology and Electrical Conductivity. Advanced Science Letters, 2012, 18, 114-120.	0.2	0
21	Creating Opal-Templated Continuous Conducting Polymer Films with Ultralow Percolation Thresholds Using Thermally Stable Nanoparticles. ACS Nano, 2011, 5, 9017-9027.	7.3	30
22	Size-Controlled Polymer-Coated Nanoparticles as Efficient Compatibilizers for Polymer Blends. Macromolecules, 2011, 44, 9852-9862.	2.2	66
23	Microstructural investigations of zirconium oxide on core-shell structure of carbon nanotubes. Journal of Nanoparticle Research, 2011, 13, 2597-2607.	0.8	12
24	Synergistic effect on crystalline structure of polyvinylidene fluoride nanocomposites with multiwalled carbon nanotube loading by a twin screw extruder. Journal of Applied Polymer Science, 2011, 121, 226-233.	1.3	10
25	Effect of fillers and nitrile blended PVC on natural rubber/high styrene rubber with nanosilica blends: Morphology and wear. Materials & Design, 2010, 31, 25-34.	5.1	27
26	Effect of fillers on natural rubber/high styrene rubber blends with nano silica: Morphology and wear. Materials & Design, 2010, 31, 677-686.	5.1	102
27	Influence of carbon blacks on butadiene rubber/high styrene rubber/natural rubber with nanosilica: Morphology and wear. Materials & Design, 2010, 31, 1156-1164.	5.1	25
28	Effect of eggshell and silk fibroin on styrene-ethylene/butylene-styrene as bio-filler. Materials & Design, 2010, 31, 2216-2219.	5.1	50
29	Effect of Filler and Urethane Rubber on NR/BR with Nanosilica: Morphology and Wear. Journal of Thermoplastic Composite Materials, 2010, 23, 717-739.	2.6	13
30	Synergistic Effects of Zirconia-Coated Carbon Nanotube on Crystalline Structure of Polyvinylidene Fluoride Nanocomposites: Electrical Properties and Flame-Retardant Behavior. Langmuir, 2010, 26, 3609-3614.	1.6	43
31	Effects of waste ground rubber tire powder (WGRT) and chemical blowing agent content on the cell morphology and physicomechanical properties of injection-molded polypropylene/WGRT foams. Journal of Vinyl and Additive Technology, 2009, 15, 275-280.	1.8	9
32	Effect of fillers on morphological properties in NR/SBR blends for OTR tyres. Plastics, Rubber and Composites, 2009, 38, 302-308.	0.9	4
33	Microcellular Structure of PP/Waste Rubber Powder Blends with Supercritical CO ₂ by Foam Extrusion Process. Journal of Cellular Plastics, 2009, 45, 499-514.	1.2	23
34	Well-Controlled Microcellular Biodegradable PLA/Silk Composite Foams Using Supercritical CO ₂ . Macromolecular Materials and Engineering, 2009, 294, 620-624.	1.7	32
35	Fly ash reinforced thermoplastic vulcanizates obtained from waste tire powder. Waste Management, 2009, 29, 1058-1066.	3.7	33
36	Effect of epoxidized natural rubber-organoclay nanocomposites on NR/high styrene rubber blends with fillers. Materials & Design, 2009, 30, 4035-4042.	5.1	36

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37	Microcellular foams of thermoplastic vulcanizates (TPVs) based on waste ground rubber tire powder. <i>Materials Letters</i> , 2008, 62, 4396-4399.	1.3	21
38	Preparation and characterization of thermoplastic elastomers (TPEs) based on waste polypropylene and waste ground rubber tire powder. <i>E-Polymers</i> , 2008, 8, .	1.3	2