

# Jinkee Hong

## List of Publications by Year in descending order

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137  
papers

4,116  
citations

156536

32  
h-index

169272

56  
g-index

144  
all docs

144  
docs citations

144  
times ranked

5636  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the hazards induced by microplastics in different environmental conditions. <i>Journal of Hazardous Materials</i> , 2022, 424, 127630.	6.5	23
2	Multivalent network modifier upregulates bioactivity of multispecies biofilm-resistant polyalkenoate cement. <i>Bioactive Materials</i> , 2022, 14, 219-233.	8.6	7
3	Blocking chemical warfare agent simulants by graphene oxide/polymer multilayer membrane based on hydrogen bonding and size sieving effect. <i>Journal of Hazardous Materials</i> , 2022, 427, 127884.	6.5	5
4	A Nanocoating Co-localizing Nitric Oxide and Growth Factor onto Individual Endothelial Cells Reveals Synergistic Effects on Angiogenesis. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102095.	3.9	7
5	Polysilsesquioxane with potent resistance to intraoral stress: Functional coating material for the advanced dental materials. <i>Applied Surface Science</i> , 2022, 578, 152085.	3.1	5
6	Stress Dissipation Encoded Silk Fibroin Electrode for the Athlete-Beneficial Silk Bioelectronics. <i>Advanced Science</i> , 2022, 9, e2105420.	5.6	11
7	Lightweight mobile stick-type water-based triboelectric nanogenerator with amplified current for portable safety devices. <i>Science and Technology of Advanced Materials</i> , 2022, 23, 161-168.	2.8	9
8	AC/DC Convertible Pillar-Type Triboelectric Nanogenerator with Output Current Amplified by the Design of the Moving Electrode. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	10
9	Flexible, Elastic, and Superhydrophobic/Superoleophilic Adhesive for Reusable and Durable Water/Oil Separation Coating. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 10825-10835.	4.0	31
10	Bioactive hydrogel microcapsules for guiding stem cell fate decisions by release and reloading of growth factors. <i>Bioactive Materials</i> , 2022, 15, 1-14.	8.6	3
11	Generation of zinc ion-rich surface via in situ growth of ZIF-8 particle: Microorganism immobilization onto fabric surface for prohibit hospital-acquired infection. <i>Chemical Engineering Journal</i> , 2022, 446, 137054.	6.6	9
12	Inhalation-Driven Vertical Flutter Triboelectric Nanogenerator with Amplified Output as a Gas-Mask-Integrated Self-Powered Multifunctional System. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	9
13	Coating Bioactive Microcapsules with Tannic Acid Enhances the Phenotype of the Encapsulated Pluripotent Stem Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 27274-27286.	4.0	2
14	In vitro toxicity from a physical perspective of polyethylene microplastics based on statistical curvature change analysis. <i>Science of the Total Environment</i> , 2021, 752, 142242.	3.9	82
15	Water behavior based electric generation via charge separation. <i>Nano Energy</i> , 2021, 82, 105687.	8.2	22
16	Structured nanofilms comprising Laponite® and bone extracellular matrix for osteogenic differentiation of skeletal progenitor cells. <i>Materials Science and Engineering C</i> , 2021, 118, 111440.	3.8	21
17	Triangulated Cylinder Origami-Based Piezoelectric/Triboelectric Hybrid Generator to Harvest Coupled Axial and Rotational Motion. <i>Research</i> , 2021, 2021, 7248579.	2.8	25
18	Acceleration of Nitric Oxide Release in Multilayer Nanofilms through Cu(II) Ion Intercalation for Antibacterial Applications. <i>Biomacromolecules</i> , 2021, 22, 1312-1322.	2.6	17

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19	Î±-Tocopherol-loaded reactive oxygen species-scavenging ferrocene nanocapsules with high antioxidant efficacy for wound healing. <i>International Journal of Pharmaceutics</i> , 2021, 596, 120205.	2.6	17
20	Reverse Actuation of Polyelectrolyte Effect for <i>In Vivo</i> Antifouling. <i>ACS Nano</i> , 2021, 15, 6811-6828.	7.3	30
21	Functionalized Polyurethane-Coated Fabric with High Breathability, Durability, Reusability, and Protection Ability. <i>Advanced Functional Materials</i> , 2021, 31, 2101511.	7.8	34
22	Functional ferrocene polymer multilayer coatings for implantable medical devices: Biocompatible, antifouling, and ROS-sensitive controlled release of therapeutic drugs. <i>Acta Biomaterialia</i> , 2021, 125, 242-252.	4.1	15
23	Investigation of the Structural Mechanism and Film Growth on Cytoprotective Type I Collagen-Based Nanocoating of Individual Cellular Surfaces. <i>Langmuir</i> , 2021, 37, 4587-4598.	1.6	2
24	Nano-structure of vitronectin/heparin on cell membrane for stimulating single cell in iPSC-derived embryoid body. <i>IScience</i> , 2021, 24, 102297.	1.9	2
25	A portable device for water-sloshing-based electricity generation based on charge separation and accumulation. <i>IScience</i> , 2021, 24, 102442.	1.9	7
26	Programmed BMP-2 release from biphasic calcium phosphates for optimal bone regeneration. <i>Biomaterials</i> , 2021, 272, 120785.	5.7	20
27	Nonpolar Liquid Lubricant Submerged Triboelectric Nanogenerator for Current Amplification via Direct Electron Flow. <i>Advanced Energy Materials</i> , 2021, 11, 2100936.	10.2	33
28	Novel enzymatic cross-linking-based hydrogel nanofilm caging system on pancreatic Î² cell spheroid for long-term blood glucose regulation. <i>Science Advances</i> , 2021, 7, .	4.7	28
29	Chitosan/Cellulose-Based Porous Nanofilm Delivering C-Phycocyanin: A Novel Platform for the Production of Cost-Effective Cultured Meat. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 32193-32204.	4.0	24
30	2D graphene oxide particles induce unwanted loss in pluripotency and trigger early differentiation in human pluripotent stem cells. <i>Journal of Hazardous Materials</i> , 2021, 414, 125472.	6.5	4
31	Body-mediated energy loss conversion for personalized cell vitalization. <i>Nano Energy</i> , 2021, 87, 106209.	8.2	8
32	Dielectric liquid-based self-operating switch triboelectric nanogenerator for current amplification via regulating air breakdown. <i>Nano Energy</i> , 2021, 88, 106292.	8.2	23
33	Gelatin MAGIC powder as nutrient-delivering 3D spacer for growing cell sheets into cost-effective cultured meat. <i>Biomaterials</i> , 2021, 278, 121155.	5.7	30
34	Co-existing â€œspear-and-shieldâ€ air filter: Anchoring proteinaceous pathogen and self-sterilized nanocoating for combating viral pandemic. <i>Chemical Engineering Journal</i> , 2021, 426, 130763.	6.6	15
35	Unraveling the Structured Solvation Shell of Zwitterion Nanoparticles for Controlled Release of Nitric Oxide. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 54363-54374.	4.0	6
36	Effects of Nonporous Silica Nanoparticles on Human Trabecular Meshwork Cells. <i>Journal of Glaucoma</i> , 2021, 30, 195-202.	0.8	2

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37	Mussel-Inspired Multiloop Polyethers for Antifouling Surfaces. <i>Biomacromolecules</i> , 2021, 22, 5173-5184.	2.6	12
38	Transmission and regulation of biochemical stimulus via a nanoshell directly adsorbed on the cell membrane to enhance chondrogenic differentiation of mesenchymal stem cell. <i>Biotechnology and Bioengineering</i> , 2020, 117, 184-193.	1.7	5
39	Sustained Nitric Oxide-Providing Small Molecule and Precise Release Behavior Study for Glaucoma Treatment. <i>Molecular Pharmaceutics</i> , 2020, 17, 656-665.	2.3	8
40	Efficient Drug Delivery Carrier Surface without Unwanted Adsorption Using Sulfobetaine Zwitterion. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001433.	1.9	11
41	Facile Synthesis of Poly(ethylene oxide)-Based Self-Healable Dynamic Triblock Copolymer Hydrogels. <i>Biomacromolecules</i> , 2020, 21, 4913-4922.	2.6	15
42	Nanocrystals Continuously Releasing Nitric Oxide: Promoting Cell Migration and Increasing Cell Survival against Oxidative Stress. <i>Chemistry of Materials</i> , 2020, 32, 9787-9797.	3.2	6
43	Controlled Nitric Oxide Release Using Poly(lactic-co-glycolic acid) Nanoparticles for Anti-Inflammatory Effects. <i>Biomacromolecules</i> , 2020, 21, 4972-4979.	2.6	24
44	Spray-assisted layer-by-layer self-assembly of tertiary-amine-stabilized gold nanoparticles and graphene oxide for efficient CO <sub>2</sub> capture. <i>Journal of Membrane Science</i> , 2020, 601, 117905.	4.1	23
45	One-Step Fabrication of Universal Slippery Lubricated Surfaces. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000305.	1.9	26
46	Surface Pattern Analysis of Microplastics and Their Impact on Human-Derived Cells. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4541-4550.	2.0	35
47	Methods and Applications of Biomolecular Surface Coatings on Individual Cells. <i>ACS Applied Bio Materials</i> , 2020, 3, 6556-6570.	2.3	5
48	Controlling physicochemical properties of graphene oxide for efficient cellular delivery. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 88, 312-318.	2.9	10
49	Studies on the Drug Loading and Release Profiles of Degradable Chitosan-Based Multilayer Films for Anticancer Treatment. <i>Cancers</i> , 2020, 12, 593.	1.7	26
50	Ladder-like polysilsesquioxanes with antibacterial chains and durable siloxane networks. <i>Chemical Engineering Journal</i> , 2020, 393, 124686.	6.6	18
51	In vitro chemical and physical toxicities of polystyrene microfragments in human-derived cells. <i>Journal of Hazardous Materials</i> , 2020, 400, 123308.	6.5	98
52	Tris(2-carboxyethyl)phosphine-Mediated Nanometric Extracellular Matrix-Coating Method of Mesenchymal Stem Cells. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 813-821.	2.6	5
53	Organosilicate compound filler to increase the mechanical strength of superhydrophilic layer-by-layer assembled film. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 84, 332-339.	2.9	6
54	Quantitative Interpretation of Hydration Dynamics Enabled the Fabrication of a Zwitterionic Antifouling Surface. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 7951-7965.	4.0	38

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55	Mussel-Inspired Copolyether Loop with Superior Antifouling Behavior. <i>Macromolecules</i> , 2020, 53, 3551-3562.	2.2	47
56	Potential toxicity of polystyrene microplastic particles. <i>Scientific Reports</i> , 2020, 10, 7391.	1.6	303
57	Nanoclay- $\epsilon$ -Polyamine Composite Hydrogel for Topical Delivery of Nitric Oxide Gas via Innate Gelation Characteristics of Laponite. <i>Biomacromolecules</i> , 2020, 21, 2096-2103.	2.6	22
58	Tuning the Structural Integrity and Mechanical Properties of Globular Protein Vesicles by Blending Crosslinkable and NonCrosslinkable Building Blocks. <i>Biomacromolecules</i> , 2020, 21, 4336-4344.	2.6	7
59	Construction of nano-scale cellular environments by coating a multilayer nanofilm on the surface of human induced pluripotent stem cells. <i>Nanoscale</i> , 2019, 11, 13541-13551.	2.8	6
60	Nitric Oxide Delivery Using Biocompatible Perfluorocarbon Microemulsion for Antibacterial Effect. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1378-1383.	2.6	18
61	Developing regulatory property of gelatin-tannic acid multilayer films for coating-based nitric oxide gas delivery system. <i>Scientific Reports</i> , 2019, 9, 8308.	1.6	24
62	An assessment of the toxicity of polypropylene microplastics in human derived cells. <i>Science of the Total Environment</i> , 2019, 684, 657-669.	3.9	359
63	Facile synthesis of polysilsesquioxane toward durable superhydrophilic/superhydrophobic coatings for medical devices. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 77, 97-104.	2.9	17
64	Recent Advances in Robust Superwetable Membranes for Oil-Water Separation. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900126.	1.9	107
65	Assembly of graphene oxide multilayer film for stable and sustained release of nitric oxide gas. <i>Applied Surface Science</i> , 2019, 486, 452-459.	3.1	19
66	Facile Surface Modification of Polyethylene Film via Spray-Assisted Layer-by-Layer Self-Assembly of Graphene Oxide for Oxygen Barrier Properties. <i>Scientific Reports</i> , 2019, 9, 2754.	1.6	36
67	Frontispiece: Liquid-Repellent Metal Oxide Photocatalysts. <i>Chemistry - A European Journal</i> , 2019, 25, .	1.7	0
68	Mechanically durable superhydrophobic PDMS-candle soot composite coatings with high biocompatibility. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 74, 79-85.	2.9	38
69	Self-assembled DNA hollow spheres from microsponges. <i>Biofabrication</i> , 2019, 11, 025016.	3.7	3
70	Artificial cellular nano-environment composed of collagen-based nanofilm promotes osteogenic differentiation of mesenchymal stem cells. <i>Acta Biomaterialia</i> , 2019, 86, 247-256.	4.1	26
71	Sustained release of therapeutic proteins from multilayers adsorbed on the sidewalls of porous membranes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 562, 296-303.	2.3	6
72	Liquid-Repellent Metal Oxide Photocatalysts. <i>Chemistry - A European Journal</i> , 2019, 25, 4535-4542.	1.7	8

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73	Control of gas permeability by transforming the molecular structure of silk fibroin in multilayered nanocoatings for CO <sub>2</sub> adsorptive separation. <i>Journal of Membrane Science</i> , 2019, 573, 554-559.	4.1	11
74	Vascular Endothelial Growth Factor Incorporated Multilayer Film Induces Preangiogenesis in Endothelial Cells. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1833-1842.	2.6	8
75	Nanostructured Polymer Thin Films Fabricated with Brush-based Layer-by-Layer Self-assembly for Site-selective Construction and Drug release. <i>Scientific Reports</i> , 2018, 8, 3365.	1.6	37
76	Structure of a Multilayer Nanofilm To Increase the Encapsulation Efficiency of Basic Fibroblast Growth Factor. <i>Molecular Pharmaceutics</i> , 2018, 15, 1277-1283.	2.3	3
77	General and Facile Coating of Single Cells via Mild Reduction. <i>Journal of the American Chemical Society</i> , 2018, 140, 1199-1202.	6.6	60
78	A Polysaccharide-Based Antibacterial Coating with Improved Durability for Clear Overlay Appliances. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 17714-17721.	4.0	47
79	Preparation of multifunctional micelles from two different amphiphilic block copolymers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 537, 566-571.	2.3	2
80	Structural heterogeneity in polymeric nitric oxide donor nanoblended coatings for controlled release behaviors. <i>RSC Advances</i> , 2018, 8, 38792-38800.	1.7	17
81	Prolonged Release Period of Nitric Oxide Gas for Treatment of Bacterial Keratitis by Amine-Rich Polymer Decoration of Nanoparticles. <i>Chemistry of Materials</i> , 2018, 30, 8528-8537.	3.2	44
82	Layer-by-layer assembled polymeric thin films as prospective drug delivery carriers: design and applications. <i>Biomaterials Research</i> , 2018, 22, 29.	3.2	78
83	Controllable drug release from nano-layered hollow carrier by non-human enzyme. <i>Nanoscale</i> , 2018, 10, 18228-18237.	2.8	22
84	Polysaccharide-based superhydrophilic coatings with antibacterial and anti-inflammatory agent-delivering capabilities for ophthalmic applications. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 68, 229-237.	2.9	33
85	Spontaneous Biomacromolecule Absorption and Long-Term Release by Graphene Oxide. <i>ACS Omega</i> , 2018, 3, 5903-5909.	1.6	14
86	Effect of Nitric Oxide on <i>Acanthamoeba castellanii</i> . , 2018, 59, 3239.		4
87	In Vitro Osteogenic Differentiation and Antibacterial Potentials of Chalcone Derivatives. <i>Molecular Pharmaceutics</i> , 2018, 15, 3197-3204.	2.3	12
88	Cobweb-inspired DNA-based membranes for multicomponent pollutant-oil-water emulsions separation. <i>Chemical Engineering Journal</i> , 2018, 348, 870-876.	6.6	11
89	Synthesis and Characterization of Functional Nanofilm-Coated Live Immune Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 17685-17692.	4.0	17
90	Multilayered Controlled Drug Release Silk Fibroin Nanofilm by Manipulating Secondary Structure. <i>Biomacromolecules</i> , 2018, 19, 3096-3103.	2.6	44

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91	Cytoprotective Self-assembled RGD Peptide Nanofilms for Surface Modification of Viable Mesenchymal Stem Cells. <i>Chemistry of Materials</i> , 2017, 29, 2055-2065.	3.2	51
92	Cobweb-Inspired Superhydrophobic Multiscaled Gating Membrane with Embedded Network Structure for Robust Water-in-Oil Emulsion Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3448-3455.	3.2	55
93	Inkjet Printing-Based Patchable Multilayered Biomolecule-Containing Nanofilms for Biomedical Applications. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 870-874.	2.6	11
94	Multilayer Nanofilms via Inkjet Printing for Stabilizing Growth Factor and Designing Desired Cell Developments. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700216.	3.9	8
95	Reversible Cell Layering for Heterogeneous Cell Assembly Mediated by Ionic Cross-Linking of Chitosan and a Functionalized Cell Surface Membrane. <i>Chemistry of Materials</i> , 2017, 29, 5294-5305.	3.2	7
96	Multifunctional Collagen and Hyaluronic Acid Multilayer Films on Live Mesenchymal Stem Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 12264-12271.	4.0	36
97	Highly Permeable Graphene Oxide/Polyelectrolytes Hybrid Thin Films for Enhanced CO <sub>2</sub> /N <sub>2</sub> Separation Performance. <i>Scientific Reports</i> , 2017, 7, 456.	1.6	36
98	Drug Loading and Release Behavior Depending on the Induced Porosity of Chitosan/Cellulose Multilayer Nanofilms. <i>Molecular Pharmaceutics</i> , 2017, 14, 3322-3330.	2.3	50
99	In vitro blood cell viability profiling of polymers used in molecular assembly. <i>Scientific Reports</i> , 2017, 7, 9481.	1.6	76
100	CO <sub>2</sub> bubble assisted layer-by-layer self-assembly of graphene oxide multilayer film. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 533, 76-80.	2.3	11
101	An Evaluation of the in vivo Safety of Nonporous Silica Nanoparticles: Ocular Topical Administration versus Oral Administration. <i>Scientific Reports</i> , 2017, 7, 8238.	1.6	32
102	Multicomponent High-throughput Drug Screening via Inkjet Printing to Verify the Effect of Immunosuppressive Drugs on Immune T Lymphocytes. <i>Scientific Reports</i> , 2017, 7, 6318.	1.6	10
103	Inkjet Printing Based Layer-by-Layer Assembly Capable of Composite Patterning of Multilayered Nanofilms. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1700332.	1.7	5
104	Safety of Nonporous Silica Nanoparticles in Human Corneal Endothelial Cells. <i>Scientific Reports</i> , 2017, 7, 14566.	1.6	25
105	Efficient Encapsulation and Sustained Release of Basic Fibroblast Growth Factor in Nanofilm: Extension of the Feeding Cycle of Human Induced Pluripotent Stem Cell Culture. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 25087-25097.	4.0	23
106	Surface Engineering for Mechanical Enhancement of Cell Sheet by Nano-Coatings. <i>Scientific Reports</i> , 2017, 7, 4464.	1.6	13
107	Superhydrophilic coatings with intricate nanostructure based on biotic materials for antifogging and antibiofouling applications. <i>Chemical Engineering Journal</i> , 2017, 309, 463-470.	6.6	72
108	The Effects of Nonporous Silica Nanoparticles on Cultured Human Keratocytes. , 2017, 58, 362.		16

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109	Sensitive detection of copper ions via ion-responsive fluorescence quenching of engineered porous silicon nanoparticles. <i>Scientific Reports</i> , 2016, 6, 35565.	1.6	22
110	Transparent superwetting nanofilms with enhanced durability at model physiological condition. <i>Scientific Reports</i> , 2016, 6, 19178.	1.6	16
111	Robust superhydrophobic carbon nanofiber network inlay-gated mesh for water-in-oil emulsion separation with high flux. <i>Journal of Materials Chemistry A</i> , 2016, 4, 17970-17980.	5.2	82
112	Effects of CO <sub>2</sub> bubbles on layer-by-layer assembled hybrid thin film. <i>Chemical Engineering Journal</i> , 2016, 303, 433-438.	6.6	10
113	Electronic Activation of a DNA Nanodevice Using a Multilayer Nanofilm. <i>Small</i> , 2016, 12, 5572-5578.	5.2	28
114	The Effect of Silica Nanoparticles on Human Corneal Epithelial Cells. <i>Scientific Reports</i> , 2016, 6, 37762.	1.6	56
115	Effect of pH on the structure and drug release profiles of layer-by-layer assembled films containing polyelectrolyte, micelles, and graphene oxide. <i>Scientific Reports</i> , 2016, 6, 24158.	1.6	49
116	Durable Urushiol-Based Nanofilm with Water Repellency for Clear Overlay Appliances in Dentistry. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 344-348.	2.6	27
117	Durable superhydrophilic coatings formed for anti-biofouling and oil-water separation. <i>Journal of Membrane Science</i> , 2016, 506, 22-30.	4.1	71
118	Organosilicate based superhydrophilic nanofilm with enhanced durability for dentistry application. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 36, 30-34.	2.9	12
119	Antibacterial nanofilm coatings based on organosilicate and nanoparticles. <i>Reactive and Functional Polymers</i> , 2016, 102, 27-32.	2.0	16
120	Nanoporous multilayer films for controlled antigen protein release. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 33, 221-225.	2.9	11
121	Multilayered Graphene Nano-Film for Controlled Protein Delivery by Desired Electro-Stimuli. <i>Scientific Reports</i> , 2015, 5, 17631.	1.6	34
122	Influence of electron-donating and accepting functionalization of fullerene-based photosensitizers on the charge-generation efficiency of polymer composites. <i>Journal of the Korean Physical Society</i> , 2015, 67, 1998-2002.	0.3	2
123	Controlled surface functionality of magnetic nanoparticles by layer-by-layer assembled nano-films. <i>Nanoscale</i> , 2015, 7, 6703-6711.	2.8	23
124	Nano-film modification of collagen hydrogels for controlled growth factor release. <i>Chemical Engineering Science</i> , 2015, 137, 626-630.	1.9	11
125	Insulin particles as building blocks for controlled insulin release multilayer nano-films. <i>Materials Science and Engineering C</i> , 2015, 54, 239-244.	3.8	11
126	Intrinsic Hydrophobic Cairnlike Multilayer Films for Antibacterial Effect with Enhanced Durability. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 26117-26123.	4.0	31



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127	Liquid Crystal Alignment Behaviors of Polystyrene Derivatives Containing Coumarin Moieties. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 605, 103-116.	0.4	3
128	Pore size effect on the formation of polymer nanotubular structures within nanoporous templates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 443, 195-200.	2.3	11
129	Controlled release of an anti-cancer drug from DNA structured nano-films. <i>Scientific Reports</i> , 2014, 4, 4078.	1.6	40
130	Rapid fabrication of thick spray-layer-by-layer carbon nanotube electrodes for high power and energy devices. <i>Energy and Environmental Science</i> , 2013, 6, 888.	15.6	79
131	Graphene Multilayers as Gates for Multi-Week Sequential Release of Proteins from Surfaces. <i>ACS Nano</i> , 2012, 6, 81-88.	7.3	122
132	Multilayer thin-film coatings capable of extended programmable drug release: application to human mesenchymal stem cell differentiation. <i>Drug Delivery and Translational Research</i> , 2012, 2, 375-383.	3.0	18
133	Nanoassembly of Block Copolymer Micelle and Graphene Oxide to Multilayer Coatings. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 3095-3099.	1.8	15
134	Inherent Charge-Shifting Polyelectrolyte Multilayer Blends: A Facile Route for Tunable Protein Release from Surfaces. <i>Biomacromolecules</i> , 2011, 12, 2975-2981.	2.6	60
135	Nanoporous Graphene Oxide Thin Films from Nanohybrid Multilayers. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 10116-10122.	0.9	0
136	Carbon Decorative Coatings by Dip-, Spin-, and Spray-Assisted Layer-by-Layer Assembly Deposition. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 7771-7776.	0.9	12
137	Nanoporous Block Copolymer Micelle/Micelle Multilayer Films with Dual Optical Properties. <i>Journal of the American Chemical Society</i> , 2006, 128, 9935-9942.	6.6	219