

# Technology-driven layer-by-layer assembly of nanofilm

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Toward Record-High Stiffness in Polyurethane Nanocomposites Using Aramid Nanofibers. <i>Journal of Physical Chemistry C</i> , 2015, 119, 27467-27477.	3.1	80
2	Layer-by-layer functionalized nanotube arrays: A versatile microfluidic platform for biodetection. <i>Microsystems and Nanoengineering</i> , 2015, 1, .	7.0	16
3	Biomimetic Replication of Microscopic Metal-Organic Framework Patterns Using Printed Protein Patterns. <i>Advanced Materials</i> , 2015, 27, 7293-7298.	21.0	97
4	Assembly-Controlled Permeability of Layer-by-Layer Polymeric Microcapsules Using a Tapered Fluidized Bed. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 27940-27947.	8.0	23
5	Use of Polyion Complexation for Polymerization-Induced Self-Assembly in Water under Visible Light Irradiation at 25 °C. <i>ACS Macro Letters</i> , 2015, 4, 1293-1296.	4.8	114
6	New faces of porous Prussian blue: interfacial assembly of integrated hetero-structures for sensing applications. <i>Chemical Society Reviews</i> , 2015, 44, 7997-8018.	38.1	240
7	Preparation and nanotribological properties of polyelectrolyte multilayers with in situ Au nanoparticles. <i>Progress in Organic Coatings</i> , 2015, 88, 164-171.	3.9	6
8	Simultaneous enhancement of Raman scattering and fluorescence emission on graphene quantum dot-spiky magnetoplasmonic supra-particle composite films. <i>RSC Advances</i> , 2015, 5, 81753-81758.	3.6	8
9	Cellulose Nanocrystal Microcapsules as Tunable Cages for Nano- and Microparticles. <i>ACS Nano</i> , 2015, 9, 10887-10895.	14.6	72
10	Flow-Based Assembly of Layer-by-Layer Capsules through Tangential Flow Filtration. <i>Langmuir</i> , 2015, 31, 9054-9060.	3.5	30
11	Rational design of a degradable polyanion for layer-by-layer assembly for encapsulation and release of cationic functional biomolecules. <i>Chemical Communications</i> , 2015, 51, 17447-17450.	4.1	3
12	Nanohybrid membranes with hydroxide ion transport highways constructed from imidazolium-functionalized graphene oxide. <i>RSC Advances</i> , 2015, 5, 88736-88747.	3.6	19
13	Combined Photothermal and Surface-Enhanced Raman Spectroscopy Effect from Spiky Noble Metal Nanoparticles Wrapped within Graphene-Polymer Layers: Using Layer-by-layer Modified Reduced Graphene Oxide as Reactive Precursors. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 19353-19361.	8.0	34
14	Stereocomplex Film Using Triblock Copolymers of Polylactide and Poly(ethylene glycol) Retain Paclitaxel on Substrates by an Aqueous Inkjet System. <i>Langmuir</i> , 2015, 31, 10583-10589.	3.5	17
15	Solution-Processed Dielectrics Based on Thickness-Sorted Two-Dimensional Hexagonal Boron Nitride Nanosheets. <i>Nano Letters</i> , 2015, 15, 7029-7036.	9.1	101
16	Ultrathin Nanotube/Nanowire Electrodes by Spin-Spray Layer-by-Layer Assembly: A Concept for Transparent Energy Storage. <i>ACS Nano</i> , 2015, 9, 10005-10017.	14.6	55
17	Polypyrrole-coated manganese dioxide with multiscale architectures for ultrahigh capacity energy storage. <i>Energy and Environmental Science</i> , 2015, 8, 3030-3039.	30.8	111
18	Biopolymeric Nanocomposites with Enhanced Interphases. <i>Langmuir</i> , 2015, 31, 10859-10870.	3.5	45

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20	Polyelectrolyte Multilayers: A Versatile Tool for Preparing Antimicrobial Coatings. <i>Langmuir</i> , 2015, 31, 12856-12872.	3.5	122
21	Sandwich-like layer-by-layer assembly of gold nanoparticles with tunable SERS properties. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 1028-1032.	2.8	12
22	Influence of Polyelectrolyte Multilayer Properties on Bacterial Adhesion Capacity. <i>Polymers</i> , 2016, 8, 345.	4.5	39
23	Thin films for tissue engineering applications. , 2016, , 167-195.		13
24	The Effect of Temperature Treatment on the Structure of Polyelectrolyte Multilayers. <i>Polymers</i> , 2016, 8, 120.	4.5	15
25	Aerosol-Assisted Fast Formulating Uniform Pharmaceutical Polymer Microparticles with Variable Properties toward pH-Sensitive Controlled Drug Release. <i>Polymers</i> , 2016, 8, 195.	4.5	8
26	Self-Construction from 2D to 3D: One-Pot Layer-by-Layer Assembly of Graphene Oxide Sheets Held Together by Coordination Polymers. <i>Angewandte Chemie</i> , 2016, 128, 8566-8570.	2.0	13
27	Multicompartmental Microcapsules with Orthogonal Programmable Two-Way Sequencing of Hydrophobic and Hydrophilic Cargo Release. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4908-4913.	13.8	62
28	Automatic Assembly of Ultra-Multilayered Nanotube-Nanoparticle Composites. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2667-2670.	3.3	4
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34	Carbon Nanotube Multilayer Nanocoatings Prevent Flame Spread on Flexible Polyurethane Foam. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 665-673.	3.6	41
35	Advancing Tissue Engineering: A Tale of Nano-, Micro-, and Macroscale Integration. <i>Small</i> , 2016, 12, 2130-2145.	10.0	62
36	Cellulose-Rich Nanofiber-Based Functional Nanoarchitectures. <i>Advanced Materials</i> , 2016, 28, 1143-1158.	21.0	112

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38	Multicompartmental Microcapsules with Orthogonal Programmable Two-Way Sequencing of Hydrophobic and Hydrophilic Cargo Release. <i>Angewandte Chemie</i> , 2016, 128, 4992-4997.	2.0	8
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57	A Drying-Free, Water-Based Process for Fabricating Mixed-Matrix Membranes with Outstanding Pervaporation Performance. Angewandte Chemie, 2016, 128, 12985-12988.	2.0	16
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