

Junbai Li

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324
papers

15,221
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67
h-index

109
g-index

342
ext. papers

17,029
ext. citations

9.5
avg, IF

7.05
L-index

#	Paper	IF	Citations
324	Self-assembly and application of diphenylalanine-based nanostructures. <i>Chemical Society Reviews</i> , 2010 , 39, 1877-90	58.5	757
323	Nanoarchitectonics for Dynamic Functional Materials from Atomic-/Molecular-Level Manipulation to Macroscopic Action. <i>Advanced Materials</i> , 2016 , 28, 1251-86	24	373
322	Molecular assembly of Schiff Base interactions: construction and application. <i>Chemical Reviews</i> , 2015 , 115, 1597-621	68.1	308
321	Hypocrellin-loaded gold nanocages with high two-photon efficiency for photothermal/photodynamic cancer therapy in vitro. <i>ACS Nano</i> , 2012 , 6, 8030-40	16.7	291
320	Transition of cationic dipeptide nanotubes into vesicles and oligonucleotide delivery. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2431-4	16.4	278
319	Solvent-induced structural transition of self-assembled dipeptide: from organogels to microcrystals. <i>Chemistry - A European Journal</i> , 2010 , 16, 3176-83	4.8	243
318	Fabrication of pH-Responsive Nanocomposites of Gold Nanoparticles/Poly(4-vinylpyridine). <i>Chemistry of Materials</i> , 2007 , 19, 412-417	9.6	222
317	Macrophage Cell Membrane Camouflaged Au Nanoshells for in Vivo Prolonged Circulation Life and Enhanced Cancer Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 9610-8	9.5	221
316	Highly flexible polyelectrolyte nanotubes. <i>Journal of the American Chemical Society</i> , 2003 , 125, 11140-1	16.4	219
315	Smart core/shell nanocomposites: intelligent polymers modified gold nanoparticles. <i>Advances in Colloid and Interface Science</i> , 2009 , 149, 28-38	14.3	218
314	Organogels Based on Self-Assembly of Diphenylalanine Peptide and Their Application To Immobilize Quantum Dots. <i>Chemistry of Materials</i> , 2008 , 20, 1522-1526	9.6	215
313	Controlled preparation of porous TiO ₂ -Ag nanostructures through supramolecular assembly for plasmon-enhanced photocatalysis. <i>Advanced Materials</i> , 2015 , 27, 314-9	24	208
312	Macrophage Cell Membrane Camouflaged Mesoporous Silica Nanocapsules for In Vivo Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2015 , 4, 1645-52	10.1	191
311	Autonomous movement of controllable assembled Janus capsule motors. <i>ACS Nano</i> , 2012 , 6, 10910-6	16.7	184
310	Hierarchically oriented organization in supramolecular peptide crystals. <i>Nature Reviews Chemistry</i> , 2019 , 3, 567-588	34.6	181
309	Molecular assembly and application of biomimetic microcapsules. <i>Chemical Society Reviews</i> , 2009 , 38, 2292-303	58.5	180
308	Triggered release of insulin from glucose-sensitive enzyme multilayer shells. <i>Biomaterials</i> , 2009 , 30, 2799-806	13.6	171

307	Self-assembly of peptide-inorganic hybrid spheres for adaptive encapsulation of guests. <i>Advanced Materials</i> , 2010 , 22, 1283-7	24	169
306	Magnetic Mesoporous Silica Nanoparticles Cloaked by Red Blood Cell Membranes: Applications in Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6049-6053	16.4	164
305	Self-Assembled Smart Nanocarriers for Targeted Drug Delivery. <i>Advanced Materials</i> , 2016 , 28, 1302-11	24	161
304	Controlled rod nanostructured assembly of diphenylalanine and their optical waveguide properties. <i>ACS Nano</i> , 2015 , 9, 2689-95	16.7	158
303	Self-assembly of hexagonal peptide microtubes and their optical waveguiding. <i>Advanced Materials</i> , 2011 , 23, 2796-801	24	151
302	Enzyme-Responsive Release of Doxorubicin from Monodisperse Dipeptide-Based Nanocarriers for Highly Efficient Cancer Treatment In Vitro. <i>Advanced Functional Materials</i> , 2015 , 25, 1193-1204	15.6	149
301	Charge-Induced Secondary Structure Transformation of Amyloid-Derived Dipeptide Assemblies from β -Sheet to β -Helix. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 1537-1542	16.4	148
300	Multifunctional porous microspheres based on peptide-porphyrin hierarchical co-assembly. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2366-70	16.4	143
299	Two-Stage pH Response of Poly(4-vinylpyridine) Grafted Gold Nanoparticles. <i>Macromolecules</i> , 2008 , 41, 7254-7256	5.5	136
298	Reversible transitions between peptide nanotubes and vesicle-like structures including theoretical modeling studies. <i>Chemistry - A European Journal</i> , 2008 , 14, 5974-80	4.8	135
297	Immobilization of glucose oxidase onto gold nanoparticles with enhanced thermostability. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 355, 488-93	3.4	130
296	Preparation of polymer-coated mesoporous silica nanoparticles used for cellular imaging by a graft-from method. <i>Journal of Materials Chemistry</i> , 2008 , 18, 5731		127
295	Assembled alginate/chitosan nanotubes for biological application. <i>Biomaterials</i> , 2007 , 28, 3083-90	15.6	123
294	Thermosensitive copolymer networks modify gold nanoparticles for nanocomposite entrapment. <i>Chemistry - A European Journal</i> , 2007 , 13, 2224-9	4.8	113
293	pH controlled permeability of lipid/protein biomimetic microcapsules. <i>Biomacromolecules</i> , 2006 , 7, 580-56.9		111
292	Large-scale preparation of 3D self-assembled iron hydroxide and oxide hierarchical nanostructures and their applications for water treatment. <i>Journal of Materials Chemistry</i> , 2011 , 21, 11742		110
291	Hemoglobin-Based Nanoarchitectonic Assemblies as Oxygen Carriers. <i>Advanced Materials</i> , 2016 , 28, 1312-8	24	106
290	Near-Infrared-Activated Nanocalorifiers in Microcapsules: Vapor Bubble Generation for In Vivo Enhanced Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12782-7	16.4	105

289	Uniaxially oriented peptide crystals for active optical waveguiding. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11186-91	16.4	104
288	pH-responsive polysaccharide microcapsules through covalent bonding assembly. <i>Chemical Communications</i> , 2011 , 47, 1175-7	5.8	103
287	Glucose-sensitive microcapsules from glutaraldehyde cross-linked hemoglobin and glucose oxidase. <i>Biomacromolecules</i> , 2009 , 10, 1212-6	6.9	99
286	Coassembly of Photosystem II and ATPase as Artificial Chloroplast for Light-Driven ATP Synthesis. <i>ACS Nano</i> , 2016 , 10, 556-61	16.7	97
285	Highly loaded hemoglobin spheres as promising artificial oxygen carriers. <i>ACS Nano</i> , 2012 , 6, 6897-904	16.7	97
284	pH- and redox-responsive polysaccharide-based microcapsules with autofluorescence for biomedical applications. <i>Chemistry - A European Journal</i> , 2012 , 18, 3185-92	4.8	95
283	Encapsulated photosensitive drugs by biodegradable microcapsules to incapacitate cancer cells. <i>Journal of Materials Chemistry</i> , 2007 , 17, 4018		94
282	Hemoglobin protein hollow shells fabricated through covalent layer-by-layer technique. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 354, 357-62	3.4	91
281	Langmuir Nanoarchitectonics from Basic to Frontier. <i>Langmuir</i> , 2019 , 35, 3585-3599	4	90
280	Photodynamic Therapy with Liposomes Encapsulating Photosensitizers with Aggregation-Induced Emission. <i>Nano Letters</i> , 2019 , 19, 1821-1826	11.5	90
279	Self-assembly, optical behavior, and permeability of a novel capsule based on an azo dye and polyelectrolytes. <i>Chemistry - A European Journal</i> , 2004 , 10, 3397-403	4.8	89
278	Construction and Evaluation of Hemoglobin-Based Capsules as Blood Substitutes. <i>Advanced Functional Materials</i> , 2012 , 22, 1446-1453	15.6	87
277	Lipid coated mesoporous silica nanoparticles as photosensitive drug carriers. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 4418-22	3.6	87
276	Photoactive properties of supramolecular assembled short peptides. <i>Chemical Society Reviews</i> , 2019 , 48, 4387-4400	58.5	86
275	One-pot synthesis of polypeptide-gold nanoconjugates for in vitro gene transfection. <i>ACS Nano</i> , 2012 , 6, 111-7	16.7	85
274	Fabrication of protein nanotubes based on layer-by-layer assembly. <i>Biomacromolecules</i> , 2006 , 7, 2539-426.9		85
273	Controlled fabrication of polyaniline spherical and cubic shells with hierarchical nanostructures. <i>ACS Nano</i> , 2009 , 3, 3714-8	16.7	84
272	Molecular assembly of biomimetic microcapsules. <i>Soft Matter</i> , 2005 , 1, 259-264	3.6	79

271	Colloidal Gold--Collagen Protein Core--Shell Nanoconjugate: One-Step Biomimetic Synthesis, Layer-by-Layer Assembled Film, and Controlled Cell Growth. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 24733-40	9.5	78
270	Nanoarchitectonics beyond Self-Assembly: Challenges to Create Bio-Like Hierarchic Organization. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 15424-15446	16.4	78
269	Fabrication of fluorescent nanotubes based on layer-by-layer assembly via covalent bond. <i>Langmuir</i> , 2006 , 22, 360-2	4	78
268	Transformation of Dipeptide-Based Organogels into Chiral Crystals by Cryogenic Treatment. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2660-2663	16.4	77
267	Quantum confined peptide assemblies with tunable visible to near-infrared spectral range. <i>Nature Communications</i> , 2018 , 9, 3217	17.4	76
266	Layer-by-layer assembly of human serum albumin and phospholipid nanotubes based on a template. <i>Langmuir</i> , 2005 , 21, 1679-82	4	75
265	An Assembled Nanocomplex for Improving both Therapeutic Efficiency and Treatment Depth in Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7759-7763	16.4	71
264	A Photoinduced Reversible Phase Transition in a Dipeptide Supramolecular Assembly. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 1903-1907	16.4	70
263	A peony-flower-like hierarchical mesocrystal formed by diphenylalanine. <i>Journal of Materials Chemistry</i> , 2010 , 20, 6734		70
262	Smart polyelectrolyte microcapsules as carriers for water-soluble small molecular drug. <i>Journal of Controlled Release</i> , 2009 , 139, 160-6	11.7	70
261	Fabrication of thermosensitive polymer nanopatterns through chemical lithography and atom transfer radical polymerization. <i>Langmuir</i> , 2007 , 23, 3981-7	4	69
260	Self-assembly of human serum albumin (HSA) and L-alpha-dimyristoylphosphatidic acid (DMPA) microcapsules for controlled drug release. <i>Chemistry - A European Journal</i> , 2004 , 10, 5848-52	4.8	69
259	Covalently assembled dopamine nanoparticle as an intrinsic photosensitizer and pH-responsive nanocarrier for potential application in anticancer therapy. <i>Chemical Communications</i> , 2019 , 55, 15057-15060	5.8	69
258	Adenosine triphosphate biosynthesis catalyzed by FoF1 ATP synthase assembled in polymer microcapsules. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 6996-7000	16.4	67
257	One-pot ultrafast self-assembly of autofluorescent polyphenol-based core@shell nanostructures and their selective antibacterial applications. <i>ACS Nano</i> , 2014 , 8, 8529-36	16.7	66
256	Templating assembly of multifunctional hybrid colloidal spheres. <i>Advanced Materials</i> , 2012 , 24, 2663-7	24	66
255	Self-assembly of composite nanotubes and their applications. <i>Current Opinion in Colloid and Interface Science</i> , 2009 , 14, 115-125	7.6	66
254	Cell membrane-covered nanoparticles as biomaterials. <i>National Science Review</i> , 2019 , 6, 551-561	10.8	65

253	Complex polymer brush gradients based on nanolithography and surface-initiated polymerization. <i>Chemical Society Reviews</i> , 2012 , 41, 3584-93	58.5	65
252	Fabrication of Gelatin Microgels by a Fast Strategy for Controlled Drug Release. <i>Advanced Functional Materials</i> , 2012 , 22, 2673-2681	15.6	64
251	Self-assembly of hierarchical nanostructures from dopamine and polyoxometalate for oral drug delivery. <i>Chemistry - A European Journal</i> , 2014 , 20, 499-504	4.8	63
250	Self-assembly of peptide-based colloids containing lipophilic nanocrystals. <i>Small</i> , 2008 , 4, 1687-93	11	63
249	Nanozyme-Catalyzed Cascade Reactions for Mitochondria-Mimicking Oxidative Phosphorylation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5572-5576	16.4	62
248	Hyperbranched Polyglycerol-Doped Mesoporous Silica Nanoparticles for One- and Two-Photon Activated Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2016 , 26, 2561-2570	15.6	61
247	Synthesis of Thermosensitive PNIPAM-co-MBAA Nanotubes by Atom Transfer Radical Polymerization within a Porous Membrane. <i>Macromolecular Rapid Communications</i> , 2005 , 26, 1552-1556	4.8	59
246	Acid-Activatable Transmorphic Peptide-Based Nanomaterials for Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20582-20588	16.4	59
245	Lipid, protein and poly(NIPAM) coated mesoporous silica nanoparticles for biomedical applications. <i>Advances in Colloid and Interface Science</i> , 2014 , 207, 155-63	14.3	57
244	Honeycomb self-assembled peptide scaffolds by the breath figure method. <i>Chemistry - A European Journal</i> , 2011 , 17, 4238-45	4.8	57
243	Peptide mesocrystals as templates to create an Au surface with stronger surface-enhanced Raman spectroscopic properties. <i>Chemistry - A European Journal</i> , 2011 , 17, 3370-5	4.8	56
242	Fabrication of controlled thermosensitive polymer nanopatterns with one-pot polymerization through chemical lithography. <i>Small</i> , 2007 , 3, 1860-5	11	55
241	Layer-by-layer assembly of magnetic polypeptide nanotubes as a DNA carrier. <i>Journal of Materials Chemistry</i> , 2008 , 18, 748		54
240	Thermoresponsive Polymer Brush Modulation on the Direction of Motion of Phoretically Driven Janus Micromotors. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4184-4188	16.4	53
239	Photo-induced reversible structural transition of cationic diphenylalanine peptide self-assembly. <i>Small</i> , 2015 , 11, 1787-91	11	53
238	Assembly of nanotubes of poly(4-vinylpyridine) and poly(acrylic acid) through hydrogen bonding. <i>Chemistry - A European Journal</i> , 2006 , 12, 4808-12	4.8	53
237	Polymer-stabilized phospholipid vesicles formed on polyelectrolyte multilayer capsules. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 303, 653-9	3.4	53
236	Facile fabrication of robust polydopamine microcapsules for insulin delivery. <i>Journal of Colloid and Interface Science</i> , 2017 , 487, 12-19	9.3	52

235	Assembly of environmental sensitive microcapsules of PNIPAAm and alginate acid and their application in drug release. <i>Journal of Colloid and Interface Science</i> , 2009 , 332, 271-9	9.3	52
234	Dynamic adsorption and characterization of phospholipid and mixed phospholipid/protein layers at liquid/liquid interfaces. <i>Advances in Colloid and Interface Science</i> , 2008 , 140, 67-76	14.3	52
233	Recent progresses in layer-by-layer assembled biogenic capsules and their applications. <i>Journal of Colloid and Interface Science</i> , 2017 , 487, 107-117	9.3	50
232	Hierarchical gold/copolymer nanostructures as hydrophobic nanotanks for drug encapsulation. <i>Journal of Materials Chemistry</i> , 2010 , 20, 7782		50
231	Functional architectures based on self-assembly of bio-inspired dipeptides: Structure modulation and its photoelectronic applications. <i>Advances in Colloid and Interface Science</i> , 2015 , 225, 177-93	14.3	49
230	Injectable Self-Assembled Dipeptide-Based Nanocarriers for Tumor Delivery and Effective In Vivo Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 30759-30767	9.5	49
229	Hydrothermal-induced structure transformation of polyelectrolyte multilayers: from nanotubes to capsules. <i>Langmuir</i> , 2008 , 24, 5508-13	4	49
228	Co-assembly of photosystem II/reduced graphene oxide multilayered biohybrid films for enhanced photocurrent. <i>Nanoscale</i> , 2015 , 7, 10908-11	7.7	48
227	Phospholipid liposomes stabilized by the coverage of polyelectrolyte. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003 , 221, 49-53	5.1	48
226	Characterisation of phospholipid layers at liquid interfaces. 1. Dynamics of adsorption of phospholipids at the chloroform/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996 , 114, 113-121	5.1	48
225	Rational assembly of a biointerfaced core@shell nanocomplex towards selective and highly efficient synergistic photothermal/photodynamic therapy. <i>Nanoscale</i> , 2015 , 7, 20197-210	7.7	47
224	Proton gradients produced by glucose oxidase microcapsules containing motor F0F1-ATPase for continuous ATP biosynthesis. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 395-9	3.4	47
223	Polypyrrole-stabilized gold nanorods with enhanced photothermal effect towards two-photon photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 4539-4545	7.3	46
222	Fabrication of autofluorescent protein coated mesoporous silica nanoparticles for biological application. <i>Chemical Communications</i> , 2011 , 47, 12167-9	5.8	46
221	Fabrication and Characterization of Human Serum Albumin and L- α -Dimyristoylphosphatidic Acid Microcapsules Based on Template Technique. <i>Chemistry of Materials</i> , 2005 , 17, 2514-2519	9.6	46
220	Responsive helical self-assembly of AgNO ₃ and melamine through asymmetric coordination for Ag nanochain synthesis. <i>Small</i> , 2013 , 9, 1021-4	11	44
219	The lectin binding and targetable cellular uptake of lipid-coated polysaccharide microcapsules. <i>Journal of Materials Chemistry</i> , 2010 , 20, 2121		44
218	Selective recognition of co-assembled thrombin aptamer and docetaxel on mesoporous silica nanoparticles against tumor cell proliferation. <i>Chemistry - A European Journal</i> , 2011 , 17, 13170-4	4.8	43

- 217 Fabrication of glucose-sensitive protein microcapsules and their applications. *Soft Matter*, **2011**, 7, 1571-1576 4.576 43
- 216 Fabrication and biological application of nano-hydroxyapatite (nHA)/alginate (ALG) hydrogel as scaffolds. *Journal of Materials Chemistry*, **2011**, 21, 2228-2236 43
- 215 Phospholipase A2 hydrolysis of mixed phospholipid vesicles formed on polyelectrolyte hollow capsules. *Chemistry - A European Journal*, **2003**, 9, 2589-94 4.8 43
- 214 Quantifying the sequence-function relation in gene silencing by bacterial small RNAs. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 12473-8 11.5 42
- 213 Bioinspired Stable and Photoluminescent Assemblies for Power Generation. *Advanced Materials*, **2019**, 31, e1807481 24 41
- 212 Assembly of catalase-based bioconjugates for enhanced anticancer efficiency of photodynamic therapy in vitro. *Chemical Communications*, **2013**, 49, 10733-5 5.8 41
- 211 Enhanced Photophosphorylation of a Chloroplast-Entrapping Long-Lived Photoacid. *Angewandte Chemie - International Edition*, **2017**, 56, 12903-12907 16.4 41
- 210 Dynamic Observations of the Hydrolysis of a DPPC Monolayer at the Air/Water Interface Catalyzed by Phospholipase A(2) This work was supported by the research contract between the German Max-Planck-Society and the Chinese Academy of Sciences as well as the National Natural Science Foundation of China (41474101). J.L. thanks the president fund of the Chinese Academy of Science and
- 209 Integrating photosystem II into a porous TiO₂ nanotube network toward highly efficient photo-bioelectrochemical cells. *Journal of Materials Chemistry A*, **2016**, 4, 12197-12204 13 41
- 208 Use of pendent drop technique as a film balance at liquid/liquid interfaces. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **1995**, 96, 295-299 5.1 38
- 207 Multilayer Microcapsules for FRET Analysis and Two-Photon-Activated Photodynamic Therapy. *Angewandte Chemie - International Edition*, **2016**, 55, 13538-13543 16.4 37
- 206 Adsorption Kinetics of Phospholipids at the Chloroform/Water Interface Studied by Drop Volume and Pendant Drop Techniques. *Langmuir*, **1996**, 12, 5138-5142 4 37
- 205 Recent developments in dopamine-based materials for cancer diagnosis and therapy. *Advances in Colloid and Interface Science*, **2018**, 252, 1-20 14.3 36
- 204 The facile 3D self-assembly of porous iron hydroxide and oxide hierarchical nanostructures for removing dyes from wastewater. *Journal of Materials Chemistry A*, **2013**, 1, 10300 13 36
- 203 Microcapsule assembly of human serum albumin at the liquid/liquid interface by the pendent drop technique. *Langmuir*, **2004**, 20, 8401-3 4 36
- 202 Nitrogen-doped graphene quantum dots coupled with photosensitizers for one-/two-photon activated photodynamic therapy based on a FRET mechanism. *Chemical Communications*, **2018**, 54, 715-718 5.8 36
- 201 Stable and optoelectronic dipeptide assemblies for power harvesting. *Materials Today*, **2019**, 30, 10-16 21.8 35
- 200 Assembled microcapsules by doxorubicin and polysaccharide as high effective anticancer drug carriers. *Advanced Healthcare Materials*, **2013**, 2, 1246-51 10.1 35

199	Fabrication of Mesoporous Silica Nanoparticle with Well-Defined Multicompartment Structure as Efficient Drug Carrier for Cancer Therapy in Vitro and in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 8900-7	9.5	33
198	Fabrication of tumor necrosis factor-related apoptosis inducing ligand (TRAIL)/ALG modified CaCO ₃ as drug carriers with the function of tumor selective recognition. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 1326-1332	7.3	33
197	Synthesis of PNIPAM-co-MBAA copolymer nanotubes with composite control. <i>Langmuir</i> , 2006 , 22, 8205-8	8	33
196	Structural Changes of Phospholipid Monolayers Caused by Coupling of Human Serum Albumin: A GIXD Study at the Air/Water Interface. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 14171-14177	3.4	33
195	Self-assembly and Characterization of Polypyrrole and Polyallylamine Multilayer Films and Hollow Shells. <i>Chemistry of Materials</i> , 2004 , 16, 3677-3681	9.6	33
194	A self-powered kinesin-microtubule system for smart cargo delivery. <i>Nanoscale</i> , 2015 , 7, 82-5	7.7	32
193	Bioluminescent microcapsules: applications in activating a photosensitizer. <i>Chemistry - A European Journal</i> , 2013 , 19, 4548-55	4.8	32
192	Complex Assembly of Polymer Conjugated Mesoporous Silica Nanoparticles for Intracellular pH-Responsive Drug Delivery. <i>Langmuir</i> , 2016 , 32, 12453-12460	4	32
191	Transporting a tube in a tube. <i>Nano Letters</i> , 2014 , 14, 6160-4	11.5	31
190	Bis(pyrene)-Doped Cationic Dipeptide Nanoparticles for Two-Photon-Activated Photodynamic Therapy. <i>Biomacromolecules</i> , 2017 , 18, 3506-3513	6.9	31
189	Hydrolysis characterization of phospholipid monolayers catalyzed by different phospholipases at the air-water interface. <i>Advances in Colloid and Interface Science</i> , 2007 , 131, 91-8	14.3	31
188	Characterisation of phospholipid layers at liquid interfaces 2. Comparison of isotherms of insoluble and soluble films of phospholipids at different fluid/water interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996 , 114, 123-130	5.1	31
187	Layer by layer assembly of albumin nanoparticles with selective recognition of tumor necrosis factor-related apoptosis-inducing ligand (TRAIL). <i>Journal of Colloid and Interface Science</i> , 2016 , 465, 11-7	9.3	30
186	Effect of alkyl chain length on phase transfer of surfactant capped Au nanoparticles across the water/toluene interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 256, 17-20	5.1	30
185	Conductive Polypyrrole and Poly(allylamine hydrochloride) Nanotubes Fabricated with Layer-by-Layer Assembly. <i>Macromolecular Rapid Communications</i> , 2005 , 26, 1965-1969	4.8	30
184	Coassembly-Induced Transformation of Dipeptide Amyloid-Like Structures into Stimuli-Responsive Supramolecular Materials. <i>ACS Nano</i> , 2020 , 14, 7181-7190	16.7	29
183	Compartmentalized Assembly of Motor Protein Reconstituted on Protocell Membrane toward Highly Efficient Photophosphorylation. <i>ACS Nano</i> , 2017 , 11, 10175-10183	16.7	29
182	Formation of PANI tower-shaped hierarchical nanostructures by a limited hydrothermal reaction. <i>Journal of Materials Chemistry</i> , 2009 , 19, 3263		29

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180	Bioinspired Assembly of Hierarchical Light-Harvesting Architectures for Improved Photophosphorylation. <i>Advanced Functional Materials</i> , 2018 , 28, 1706557	15.6	28
179	Alginate-based microcapsules with a molecule recognition linker and photosensitizer for the combined cancer treatment. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 736-42	4.5	28
178	Gold nanorods based multicompartement mesoporous silica composites as bioagents for highly efficient photothermal therapy. <i>Journal of Colloid and Interface Science</i> , 2019 , 549, 9-15	9.3	27
177	Facile fabrication of diphenylalanine peptide hollow spheres using ultrasound-assisted emulsion templates. <i>Chemical Communications</i> , 2015 , 51, 7219-21	5.8	27
176	A Photoinduced Reversible Phase Transition in a Dipeptide Supramolecular Assembly. <i>Angewandte Chemie</i> , 2018 , 130, 1921-1925	3.6	27
175	Gelatin-Assisted Synthesis of Vaterite Nanoparticles with Higher Surface Area and Porosity as Anticancer Drug Containers In Vitro. <i>ChemPlusChem</i> , 2016 , 81, 194-201	2.8	27
174	Supramolecularly Assembled Nanocomposites as Biomimetic Chloroplasts for Enhancement of Photophosphorylation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 796-800	16.4	27
173	Direct Observation of the Distribution of Gelatin in Calcium Carbonate Crystals by Super-Resolution Fluorescence Microscopy. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 908-11	16.4	26
172	Disassembly of Dipeptide Single Crystals Can Transform the Lipid Membrane into a Network. <i>ACS Nano</i> , 2017 , 11, 7349-7354	16.7	26
171	Self-Assembly of Cationic Dipeptides Forming Rectangular Microtubes and Microrods with Optical Waveguiding Properties. <i>Advanced Optical Materials</i> , 2015 , 3, 194-198	8.1	26
170	Movement of polymer microcarriers using a biomolecular motor. <i>Biomaterials</i> , 2010 , 31, 1287-92	15.6	26
169	Insight into the efficiency of oxygen introduced photodynamic therapy (PDT) and deep PDT against cancers with various assembled nanocarriers. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020 , 12, e1583	9.2	26
168	Biomorphic Engineering of Multifunctional Polylactide Stomatocytes toward Therapeutic Nano-Red Blood Cells. <i>Advanced Science</i> , 2019 , 6, 1801678	13.6	25
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