

# Shinji Takeoka

## List of Publications by Year in descending order

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Version: 2024-02-01

200  
papers

5,452  
citations

87888

38  
h-index

114465

63  
g-index

205  
all docs

205  
docs citations

205  
times ranked

5557  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of highly elongated polydimethylsiloxane nanosheets. <i>Polymers for Advanced Technologies</i> , 2022, 33, 1180-1189.	3.2	5
2	Development of quantitative and concise measurement method of oxygen in fine bubble dispersion. <i>PLoS ONE</i> , 2022, 17, e0264083.	2.5	2
3	H12â€(ADP)â€liposomes for hemorrhagic shock in thrombocytopenia: Mesenteric artery injury model in rabbits. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2022, 6, e12659.	2.3	3
4	Paperâ€Based Wearable Ammonia Gas Sensor Using Organicâ€Inorganic Composite PEDOT:PSS with Iron(III) Compounds. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	14
5	Angiogenic efficacy of <sc>ASC</sc> spheroids filtrated on porous nanosheets for the treatment of a diabetic skin ulcer. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 1245-1254.	3.4	2
6	Diospyros malabarica Fruit Extract Derived Silver Nanoparticles: A Biocompatible Antibacterial Agent. <i>Frontiers in Nanotechnology</i> , 2022, 4, .	4.8	3
7	End-Sealing of Peptide Nanotubes by Cationic Amphiphilic Polypeptides and Their Salt-Responsive Accordion-like Opening and Closing Behavior. <i>Biomacromolecules</i> , 2022, 23, 2785-2792.	5.4	4
8	Arginine-based cationic liposomes accelerate T cell activation and differentiation in vitro. <i>International Journal of Pharmaceutics</i> , 2022, 623, 121917.	5.2	1
9	Development of a Non-IgG PD-1/PD-L1 Inhibitor by <i>in Silico</i> Mutagenesis and an In-Cell Proteinâ€Protein Interaction Assay. <i>ACS Chemical Biology</i> , 2021, 16, 316-323.	3.4	7
10	Ultra-Thin Porous PDLLA Films Promote Generation, Maintenance, and Viability of Stem Cell Spheroids. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 674384.	4.1	2
11	Enhanced cellular engraftment of adipose-derived mesenchymal stem cell spheroids by using nanosheets as scaffolds. <i>Scientific Reports</i> , 2021, 11, 14500.	3.3	15
12	Flexible Film-Type Sensor for Electrochemical Measurement of Dopamine Using a Molecular Imprinting Method. <i>Frontiers in Sensors</i> , 2021, 2, .	3.3	2
13	Graphene/Au Hybrid Antenna Coil Exfoliated with Multiâ€Stacked Graphene Flakes for Ultraâ€Thin Biomedical Devices. <i>Advanced Electronic Materials</i> , 2020, 6, 1901143.	5.1	13
14	Electrocardiogram measurements in water using poly(3,4-ethylene dioxythiophene):poly(styrene) Tj ETQq0 0 0 rgBTj /Overlock 10 Tf 50	1.8	2
15	Total alveolar lavage with oxygen fine bubble dispersion directly improves lipopolysaccharide-induced acute respiratory distress syndrome of rats. <i>Scientific Reports</i> , 2020, 10, 16597.	3.3	2
16	Therapeutic potential of fibrinogen Î³3-chain peptide-coated, ADP-encapsulated liposomes as a haemostatic adjuvant for post-cardiopulmonary bypass coagulopathy. <i>Scientific Reports</i> , 2020, 10, 11308.	3.3	7
17	Enhanced In Vitro Magnetic Cell Targeting of Doxorubicin-Loaded Magnetic Liposomes for Localized Cancer Therapy. <i>Nanomaterials</i> , 2020, 10, 2104.	4.1	11
18	&lt;p&gt;Intracellular Distribution of Lipids and Encapsulated Model Drugs from Cationic Liposomes with Different Uptake Pathways&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8401-8409.	6.7	10

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19	Synthesis of Biogenic Silver Nanoparticles Using <i>Caesalpinia digyna</i> and Investigation of Their Antimicrobial Activity and <i>In Vivo</i> Biocompatibility. <i>ACS Applied Bio Materials</i> , 2020, 3, 7722-7733.	4.6	20
20	A rapid and highly sensitive biomarker detection platform based on a temperature-responsive liposome-linked immunosorbent assay. <i>Scientific Reports</i> , 2020, 10, 18086.	3.3	19
21	Efficient differentiation and polarization of primary cultured neurons on poly(lactic acid) scaffolds with microgrooved structures. <i>Scientific Reports</i> , 2020, 10, 6716.	3.3	8
22	A Coupled FEM-SPH Modeling Technique to Investigate the Contractility of Biohybrid Thin Films. <i>Advanced Biology</i> , 2020, 4, e1900306.	3.0	6
23	<i>In Vitro</i> Delivery of Cell Impermeable Phalloxin Using Cationic Liposomes Composed of Lipids Bearing Lysine Headgroup. <i>ACS Applied Bio Materials</i> , 2020, 3, 2048-2057.	4.6	6
24	Evasion of the accelerated blood clearance phenomenon by polysarcosine coating of liposomes. <i>Journal of Controlled Release</i> , 2020, 322, 209-216.	9.9	54
25	Ultra-thin, transparent, porous substrates as 3D culture scaffolds for engineering ASC spheroids for high-magnification imaging. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6999-7008.	5.8	6
26	Metronomic photodynamic therapy using an implantable LED device and orally administered 5-aminolevulinic acid. <i>Scientific Reports</i> , 2020, 10, 22017.	3.3	25
27	Fabrication of Thermo-responsive Cell Culture Membrane with Microstructure Using Electron Beam Induced Graft Polymerization Method. <i>Radioisotopes</i> , 2020, 69, 129-134.	0.2	0
28	Tissue-adhesive wirelessly powered optoelectronic device for metronomic photodynamic cancer therapy. <i>Nature Biomedical Engineering</i> , 2019, 3, 27-36.	22.5	155
29	Combination therapy using fibrinogen $\beta$ -chain peptide-coated, ADP-encapsulated liposomes and hemoglobin vesicles for trauma-induced massive hemorrhage in thrombocytopenic rabbits. <i>Transfusion</i> , 2019, 59, 3186-3196.	1.6	29
30	Investigation of the Antibacterial Activity and in vivo Cytotoxicity of Biogenic Silver Nanoparticles as Potent Therapeutics. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 239.	4.1	64
31	Tubular Network Formation by Mixing Amphiphilic Polypeptides with Differing Hydrophilic Blocks. <i>Biomacromolecules</i> , 2019, 20, 3908-3914.	5.4	3
32	Printed nanofilms mechanically conforming to living bodies. <i>Biomaterials Science</i> , 2019, 7, 520-531.	5.4	36
33	&lt;p&gt;NLRP3 inflammasome-activating arginine-based liposomes promote antigen presentations in dendritic cells&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3503-3516.	6.7	20
34	Sinter-free stretchable conductive inks composed of polystyrene-block-polybutadiene-block-polystyrene and silver flakes in tetrahydrofuran. <i>Applied Physics Express</i> , 2019, 12, 075001.	2.4	6
35	An Assay to Evaluate the Function of Liposomal Platelet Substitutes Delivered to Platelet Aggregates. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 77.	4.1	2
36	Membrane fusogenic lysine type lipid assemblies possess enhanced NLRP3 inflammasome activation potency. <i>Biochemistry and Biophysics Reports</i> , 2019, 18, 100623.	1.3	8

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37	Biohybrid Actuators Based on Skeletal Muscle-Powered Microgrooved Ultrathin Films Consisting of Poly(styrene- <i>block</i> -butadiene- <i>block</i> -styrene). ACS Biomaterials Science and Engineering, 2019, 5, 5734-5743.	5.2	30
38	Elastomer-based MEMS optical interferometric transducers for highly sensitive surface stress sensing for biomolecular detection. MRS Communications, 2019, 9, 381-389.	1.8	7
39	Organic Electronics: Ultrathin and Stretchable Rechargeable Devices with Organic Polymer Nanosheets Conformable to Skin Surface (Small 13/2019). Small, 2019, 15, 1970067.	10.0	1
40	Ultrathin and Stretchable Rechargeable Devices with Organic Polymer Nanosheets Conformable to Skin Surface. Small, 2019, 15, 1805296.	10.0	30
41	Plasmonic Color Sheet with Al Nano Periodic Structure Formed by Transfer Technique. , 2019, , .		0
42	Elastic kirigami patch for electromyographic analysis of the palm muscle during baseball pitching. NPG Asia Materials, 2019, 11, .	7.9	24
43	Inkjet-Printed Neural Electrodes with Mechanically Gradient Structure. ACS Applied Bio Materials, 2019, 2, 20-26.	4.6	18
44	In situ transplantation of adipose tissue-derived stem cells organized on porous polymer nanosheets for murine skin defects. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 1363-1371.	3.4	14
45	MEMS optical interferometry-based pressure sensor using elastomer nanosheet developed by dry transfer technique. Japanese Journal of Applied Physics, 2018, 57, 010302.	1.5	2
46	Lysine-containing cationic liposomes activate the NLRP3 inflammasome: Effect of a spacer between the head group and the hydrophobic moieties of the lipids. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 279-288.	3.3	22
47	Extracellular pH imaging of a plant leaf with a polyelectrolyte multilayered nanosheet. RSC Advances, 2018, 8, 35651-35657.	3.6	5
48	Smart Liposomes for Drug Delivery. , 2018, , 31-47.		4
49	Amino acid-based liposomal assemblies: Intracellular plasmid DNA delivery nanoparticles. Journal of Nanomedicine, 2018, 1, .	0.3	3
50	Adhesive and robust multilayered poly(lactic acid) nanosheets for hemostatic dressing in liver injury model. , 2017, 105, 1747-1757.		23
51	Sandwich fixation of electronic elements using free-standing elastomeric nanosheets for low-temperature device processes. Journal of Materials Chemistry C, 2017, 5, 1321-1327.	5.5	17
52	Printed high-frequency RF identification antenna on ultrathin polymer film by simple production process for soft-surface adhesive device. Japanese Journal of Applied Physics, 2017, 56, 05EC01.	1.5	7
53	An elastomer-based MEMS fabry-perot interferometer for physical and biological sensing by dry transfer technique. , 2017, , .		1
54	Pore Clogging of Colloidal Mesoporous Silica Nanoparticles for Encapsulating Guest Species. Bulletin of the Chemical Society of Japan, 2017, 90, 706-708.	3.2	5

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55	Optomechanical characterization of freestanding stretchable nanosheet based on polystyrene- <i>co</i> -polybutadiene- <i>co</i> -polystyrene copolymer. <i>Applied Physics Express</i> , 2017, 10, 011601.	2.4	6
56	Construction and evaluation of pH-sensitive immunoliposomes for enhanced delivery of anticancer drug to ErbB2 over-expressing breast cancer cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1219-1227.	3.3	32
57	On the injectability of free-standing magnetic nanofilms. <i>Biomedical Microdevices</i> , 2017, 19, 51.	2.8	8
58	The efficacy of basic fibroblast growth factor- <i>loaded</i> poly(lactide- <i>co</i> -glycolic acid) nanosheet for mouse wound healing. <i>Wound Repair and Regeneration</i> , 2017, 25, 1008-1016.	3.0	16
59	Effect of the nanoformulation of siRNA-lipid assemblies on their cellular uptake and immune stimulation. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 5121-5133.	6.7	21
60	Preparation, Characterization, and Preliminary In Vitro Testing of Nanoceria-Loaded Liposomes. <i>Nanomaterials</i> , 2017, 7, 276.	4.1	19
61	Ultrathin epidermal strain sensor based on an elastomer nanosheet with an inkjet-printed conductive polymer. <i>Applied Physics Express</i> , 2017, 10, 087201.	2.4	38
62	Development of a ubiquitously transferrable silver-nanoparticle- <i>loaded</i> polymer nanosheet as an antimicrobial coating. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 585-593.	3.4	17
63	Synthesis of Phosphorylcholine-Containing Polyimides and the Fabrication of Biocompatible Nanosheets Thereof. <i>Kobunshi Ronbunshu</i> , 2016, 73, 76-86.	0.2	2
64	Glue-Free Stacked Luminescent Nanosheets Enable High-Resolution Ratiometric Temperature Mapping in Living Small Animals. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 33377-33385.	8.0	29
65	Facilely Fabricated Luminescent Nanoparticle Thermosensor for Real-Time Microthermography in Living Animals. <i>ACS Sensors</i> , 2016, 1, 1222-1227.	7.8	35
66	Fabrication and evaluation of freestanding stretchable nanosheet for optical MEMS application. , 2016, , .		1
67	Large-scale Fabrication of Porous Polymer Nanosheets for Engineering Hierarchical Cellular Organization. <i>Advanced Materials Technologies</i> , 2016, 1, 1600064.	5.8	22
68	Focal calcium monitoring with targeted nanosensors at the cytosolic side of endoplasmic reticulum. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 293-299.	6.1	2
69	Stretchable, adhesive and ultra-conformable elastomer thin films. <i>Soft Matter</i> , 2016, 12, 9202-9209.	2.7	59
70	Massive Fabrication of Polymer Microdiscs by Phase Separation and Freestanding Process. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 16296-16302.	8.0	8
71	Phospholipase C $\beta$ 1 induces membrane tubulation and is involved in caveolae formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7834-7839.	7.1	28
72	Interfacial effects on the crystallization and surface properties of poly(l-lactic acid) ultrathin films. <i>Polymer Journal</i> , 2016, 48, 157-161.	2.7	7

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73	Effect of Repeated Injections of Adenosine Diphosphate-Encapsulated Liposomes Coated with a Fibrinogen I <sup>3</sup> -Chain Dodecapeptide Developed as a Synthetic Platelet Substitute on Accelerated Blood Clearance in a Healthy and an Anticancer Drug-Induced Thrombocytopenia Rat Model. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3084-3091.	3.3	4
74	Pharmacokinetic Properties of Single and Repeated Injection of Liposomal Platelet Substitute in a Rat Model of Red Blood Cell Transfusion-Induced Dilutional Thrombocytopenia. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3968-3976.	3.3	1
75	Patchwork Coating of Fragmented Ultra-Thin Films and Their Biomedical Applications in Burn Therapy and Antithrombotic Coating. <i>Materials</i> , 2015, 8, 7604-7614.	2.9	5
76	Micro-thermography in millimeter-scale animals by using orally-dosed fluorescent nanoparticle thermosensors. <i>Analyst, The</i> , 2015, 140, 7534-7539.	3.5	25
77	Treatment with fibrinogen I <sup>3</sup> -chain peptide-coated, adenosine 5'-diphosphate-encapsulated liposomes as an infusible hemostatic agent against active liver bleeding in rabbits with acute thrombocytopenia. <i>Transfusion</i> , 2015, 55, 314-325.	1.6	18
78	A ratiometric fluorescent molecular probe for visualization of mitochondrial temperature in living cells. <i>Chemical Communications</i> , 2015, 51, 6194-6197.	4.1	111
79	Sustainable antimicrobial effect of silver sulfadiazine-loaded nanosheets on infection in a mouse model of partial-thickness burn injury. <i>Acta Biomaterialia</i> , 2015, 24, 87-95.	8.3	80
80	Establishment of a total liquid ventilation system using saline-based oxygen micro/nano-bubble dispersions in rats. <i>Journal of Artificial Organs</i> , 2015, 18, 220-227.	0.9	8
81	A Cu-free clickable fluorescent probe for intracellular targeting of small biomolecules. <i>Chemical Communications</i> , 2015, 51, 7879-7882.	4.1	14
82	Enhanced cellular uptake of maleimide-modified liposomes via thiol-mediated transport. <i>International Journal of Nanomedicine</i> , 2014, 9, 2849.	6.7	35
83	Periosteum-mimetic Structures Made from Freestanding Microgrooved Nanosheets. <i>Advanced Materials</i> , 2014, 26, 3290-3296.	21.0	94
84	Intracellular Delivery of Universal Proteins Using a Lysine Headgroup Containing Cationic Liposomes: Deciphering the Uptake Mechanism. <i>Molecular Pharmaceutics</i> , 2014, 11, 164-174.	4.6	39
85	A Nanoparticle-Based Ratiometric and Self-Calibrated Fluorescent Thermometer for Single Living Cells. <i>ACS Nano</i> , 2014, 8, 198-206.	14.6	183
86	Drift and fluctuating motion of artificial platelets during the lateral transport and adhesion process near the wall. <i>Journal of Biorheology</i> , 2013, 26, 11-20.	0.5	0
87	Novel therapeutic use of polysaccharide nanosheets for arachnoid plasty and enhancement of venous tensile strength in rat microneurosurgery. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 301-305.	1.5	5
88	Effective control of massive venous bleeding by "multioverlapping therapy" using polysaccharide nanosheets in a rabbit inferior vena cava injury model. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2013, 1, 289-297.	1.6	10
89	Selective Molecular Permeability Induced by Glass Transition Dynamics of Semicrystalline Polymer Ultrathin Films. <i>Macromolecules</i> , 2013, 46, 395-402.	4.8	30
90	Arginine-based cationic liposomes for efficient in vitro plasmid DNA delivery with low cytotoxicity. <i>International Journal of Nanomedicine</i> , 2013, 8, 1361.	6.7	17

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91	Cationic Amino Acid Based Lipids as Effective Nonviral Gene Delivery Vectors for Primary Cultured Neurons. <i>ACS Chemical Neuroscience</i> , 2013, 4, 1514-1519.	3.5	19
92	Development of Latanoprost-Loaded Biodegradable Nanosheet as a New Drug Delivery System for Glaucoma. , 2013, 54, 5629.		24
93	Fragmentation of Poly(lactic acid) Nanosheets and Patchwork Treatment for Burn Wounds. <i>Advanced Materials</i> , 2013, 25, 545-551.	21.0	69
94	Pharmacokinetic Study of Adenosine Diphosphate-Encapsulated Liposomes Coated with Fibrinogen $\hat{I}^3$ -Chain Dodecapeptide as a Synthetic Platelet Substitute in an Anticancer Drug-Induced Thrombocytopenia Rat Model. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 3852-3859.	3.3	7
95	Application of nanosheets as an anti-adhesion barrier in partial hepatectomy. , 2013, 101, 1251-1258.		19
96	Pharmacokinetic Study of the Structural Components of Adenosine Diphosphate-Encapsulated Liposomes Coated with Fibrinogen $\hat{I}^3$ -Chain Dodecapeptide as a Synthetic Platelet Substitute. <i>Drug Metabolism and Disposition</i> , 2013, 41, 1584-1591.	3.3	11
97	Application of Poly-L-Lactic Acid Nanosheet as a Material for Wound Dressing. <i>Plastic and Reconstructive Surgery</i> , 2013, 131, 236-240.	1.4	19
98	A novel application of maleimide for advanced drug delivery: in vitro and in vivo evaluation of maleimide-modified pH-sensitive liposomes. <i>International Journal of Nanomedicine</i> , 2013, 8, 3855.	6.7	29
99	Heterofunctional nanosheet controlling cell adhesion properties by collagen coating. <i>Journal of Biomaterials Applications</i> , 2012, 27, 131-141.	2.4	28
100	Morphological Evolution within Spin-Cast Ultrathin Polymer Blend Films Clarified by a Freestanding Method. <i>Macromolecules</i> , 2012, 45, 4315-4321.	4.8	29
101	Ability of fibrinogen $\hat{I}^3$ -derived dodecapeptides with different sequences to bind to rat platelets. <i>International Journal of Pharmaceutics</i> , 2012, 438, 296-301.	5.2	2
102	An ultrathin poly(L-lactic acid) nanosheet as a burn wound dressing for protection against bacterial infection. <i>Wound Repair and Regeneration</i> , 2012, 20, 573-579.	3.0	37
103	Therapeutic efficacy of an antibiotic-loaded nanosheet in a murine burn-wound infection model. <i>Acta Biomaterialia</i> , 2012, 8, 2932-2940.	8.3	43
104	Walking nanothermometers: spatiotemporal temperature measurement of transported acidic organelles in single living cells. <i>Lab on A Chip</i> , 2012, 12, 1591.	6.0	84
105	Evaluation of the influence of ionization states and spacers in the thermotropic phase behaviour of amino acid-based cationic lipids and the transfection efficiency of their assemblies. <i>International Journal of Pharmaceutics</i> , 2012, 422, 364-373.	5.2	27
106	Ultra-thin conductive free-standing PEDOT/PSS nanofilms. <i>Soft Matter</i> , 2011, 7, 10642.	2.7	173
107	Convenient method for surface modification by patching a freestanding anti-biofouling nanosheet. <i>Journal of Materials Chemistry</i> , 2011, 21, 9112.	6.7	17
108	A Few Immobilized Thrombins Are Sufficient for Platelet Spreading. <i>Biophysical Journal</i> , 2011, 100, 1855-1863.	0.5	18



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109	Ultrastructural analysis of thrombin-induced interaction between human platelets and liposomes carrying fibrinogen Î³-chain dodecapeptide as a synthetic platelet substitute. <i>Thrombosis Research</i> , 2011, 128, 552-559.	1.7	12
110	Free-Standing Poly(L-lactic acid) Nanofilms Loaded with Superparamagnetic Nanoparticles. <i>Langmuir</i> , 2011, 27, 5589-5595.	3.5	49
111	Novel technique of overlaying a poly-L-lactic acid nanosheet for adhesion prophylaxis and fixation of intraperitoneal onlay polypropylene mesh in a rabbit model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011, 25, 3428-3436.	2.4	24
112	Decoration of fibrinogen Î³-chain peptide on adenosine diphosphate-encapsulated liposomes enhances binding of the liposomes to activated platelets. <i>International Journal of Pharmaceutics</i> , 2011, 407, 151-157.	5.2	14
113	Intravenous infusion of Hb vesicles (artificial oxygen carriers) after repetitive blood exchange with a series of plasma expanders (water-soluble biopolymers) in a rat model. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1216-1222.	3.2	5
114	Multiplex analysis of sphingolipids using amine-reactive tags (iTRAQ). <i>Journal of Lipid Research</i> , 2011, 52, 1294-1302.	4.2	12
115	Evaluation of cationic liposomes composed of an amino acid-based lipid for neuronal transfection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010, 6, 70-77.	3.3	34
116	Adhesion and proliferation of skeletal muscle cells on single layer poly(lactic acid) ultra-thin films. <i>Biomedical Microdevices</i> , 2010, 12, 809-819.	2.8	48
117	Evaluation of pH-responsive liposomes containing amino acid-based zwitterionic lipids for improving intracellular drug delivery in vitro and in vivo. <i>Journal of Controlled Release</i> , 2010, 142, 267-276.	9.9	121
118	Release abilities of adenosine diphosphate from phospholipid vesicles with different membrane properties and their hemostatic effects as a platelet substitute. <i>Journal of Controlled Release</i> , 2010, 148, 373-379.	9.9	31
119	Sealing effect of a polysaccharide nanosheet for murine cecal puncture. <i>Surgery</i> , 2010, 148, 48-58.	1.9	31
120	Visualization of liposomes carrying fibrinogen Î³-chain dodecapeptide accumulated to sites of vascular injury using computed tomography. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010, 6, 391-396.	3.3	20
121	Synthesis and self-assembling behavior of a porphyrin bearing multiple meso-conjugated barbiturates. <i>Tetrahedron Letters</i> , 2010, 51, 5177-5180.	1.4	3
122	Dual therapeutic action of antibiotic-loaded nanosheets for the treatment of gastrointestinal tissue defects. <i>Biomaterials</i> , 2010, 31, 6269-6278.	11.4	56
123	A nano-fibrous assembly of collagen-hyaluronic acid for controlling cell-adhesive properties. <i>Soft Matter</i> , 2010, 6, 4672.	2.7	28
124	Fabrication of free-standing albumin nanosheets having heterosurfaces. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 89A, 233-241.	4.0	4
125	Adhesive, Flexible, and Robust Polysaccharide Nanosheets Integrated for Tissue Defect Repair. <i>Advanced Functional Materials</i> , 2009, 19, 2560-2568.	14.9	164
126	Free-Standing Biodegradable Poly(lactic acid) Nanosheet for Sealing Operations in Surgery. <i>Advanced Materials</i> , 2009, 21, 4388-4392.	21.0	155



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127	Motion of polymerized albumin particles in a model arteriole in the presence of red blood cells. <i>Journal of Biorheology</i> , 2009, 23, 29-34.	0.5	1
128	Deformability and adhesive force of artificial platelets measured by atomic force microscopy. <i>Journal of Biorheology</i> , 2009, 23, 35-40.	0.5	3
129	Selective surface modification of free-standing polysaccharide nanosheet with micro/nano-particles identified by structural color changes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 334, 28-33.	4.7	21
130	Novel Platelet Substitutes: Disk-Shaped Biodegradable Nanosheets and their Enhanced Effects on Platelet Aggregation. <i>Bioconjugate Chemistry</i> , 2009, 20, 1958-1965.	3.6	36
131	Plasmid DNA-encapsulating liposomes: Effect of a spacer between the cationic head group and hydrophobic moieties of the lipids on gene expression efficiency. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1148-1158.	2.6	46
132	Hydrodynamic Transformation of a Freestanding Polymer Nanosheet Induced by a Thermoresponsive Surface. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 1404-1413.	8.0	42
133	Helical arrangement of a hydrogen-bonded columnar liquid crystal induced by a centered triphenylene derivative bearing chiral side-chains. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1097-1104.	3.2	12
134	Fabrication of free-standing nanoparticle-fused nanosheets and their hetero-modification using sacrificial film. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 318, 184-190.	4.7	18
135	Evaluation of Cationic Assemblies Constructed with Amino Acid Based Lipids for Plasmid DNA Delivery. <i>Bioconjugate Chemistry</i> , 2008, 19, 1055-1063.	3.6	80
136	Encapsulation of Concentrated Hemoglobin Solution in Phospholipid Vesicles Retards the Reaction with NO, but Not CO, by Intracellular Diffusion Barrier. <i>Journal of Biological Chemistry</i> , 2008, 283, 1508-1517.	3.4	73
137	Development of biodegradable nanosheets as nanoadhesive plaster. <i>Pure and Applied Chemistry</i> , 2008, 80, 2259-2271.	1.9	23
138	A Hydrogen-bonded Supramolecular Hexagonal Columnar Liquid Crystal Composed of a Tricarboxylic Triphenylene and Monopyridyl Dendrons. <i>Chemistry Letters</i> , 2007, 36, 282-283.	1.3	7
139	Enzymatic Elimination of Hydrogen Peroxide by a Methemoglobin/L-Tyrosine System. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2007, 35, 555-567.	0.9	1
140	Atropisomers of meso-Conjugated Uracyl Porphyrin Derivatives and Their Assembling Structures. <i>Organic Letters</i> , 2007, 9, 17-20.	4.6	20
141	Synthesis of porphyrins bearing uracyl groups and their assembly induced by melamine derivatives. <i>Polymers for Advanced Technologies</i> , 2007, 18, 497-501.	3.2	3
142	Prolonged hemostatic ability of polyethylene glycol-modified polymerized albumin particles carrying fibrinogen $\gamma$ -chain dodecapeptide. <i>Transfusion</i> , 2007, 47, 1254-1262.	1.6	23
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