

Takuro Niidome

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

259
papers

9,651
citations

47
h-index

91
g-index

273
ext. papers

10,353
ext. citations

5
avg, IF

5.89
L-index

#	Paper	IF	Citations
259	Photochemical OFF/ON Cytotoxicity Switching by Using a Photochromic Surfactant with Visible Light Irradiation.. <i>ACS Omega</i> , 2022 , 7, 6093-6098	3.9	0
258	Tailored Structure and Antibacterial Properties of Silica-Coated Silver Nanoplates by Pulsed Laser Irradiation.. <i>ACS Omega</i> , 2022 , 7, 7251-7256	3.9	1
257	EPR-Effect Enhancers Strongly Potentiate Tumor-Targeted Delivery of Nanomedicines to Advanced Cancers: Further Extension to Enhancement of the Therapeutic Effect. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	7
256	pH-sensitive multi-drug liposomes targeting folate receptor for efficient treatment of non-small cell lung cancer. <i>Journal of Controlled Release</i> , 2021 , 330, 1-14	11.7	21
255	Polymer-conjugated glucosamine complexed with boric acid shows tumor-selective accumulation and simultaneous inhibition of glycolysis. <i>Biomaterials</i> , 2021 , 269, 120631	15.6	8
254	Novel Photoluminescent Gold Complexes Prepared at Octanethiol/Water Interfaces: Control of Optical Properties by Addition of Silver Ions. <i>Bulletin of the Chemical Society of Japan</i> , 2021 , 94, 1875-1881	5.1	1
253	Effect of Surface Modifications on Cellular Uptake of Gold Nanorods in Human Primary Cells and Established Cell Lines. <i>ACS Omega</i> , 2020 , 5, 32744-32752	3.9	7
252	Corrosion resistance of HF-treated Mg alloy stent following balloon expansion and its improvement through biodegradable polymer coating 2020 , 17, 1023-1032		4
251	Platelet-Like Gold Nanostars for Cancer Therapy: The Ability to Treat Cancer and Evade Immune Reactions. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 133	5.8	25
250	Genome Editing in a Wide Area of the Brain Using Dendrimer-Based Ternary Polyplexes of Cas9 Ribonucleoprotein. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 21386-21397	9.5	12
249	Preparation of Biodegradable PLGA-Nanoparticles Used for pH-Sensitive Intracellular Delivery of an Anti-inflammatory Bacterial Toxin to Macrophages. <i>Chemical and Pharmaceutical Bulletin</i> , 2020 , 68, 363-368	1.9	0
248	Silk Fibroin as a Coating Polymer for Sirolimus-Eluting Magnesium Alloy Stents.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 531-538	4.1	14
247	Involvement of protein disulfide isomerase in subtilase cytotoxin-induced cell death in HeLa cells. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 525, 1068-1073	3.4	2
246	Gold-Treated Silver Nanoparticles Have Enhanced Antimicrobial Activity. <i>Bulletin of the Chemical Society of Japan</i> , 2019 , 92, 297-301	5.1	11
245	Glycol Chitosan-Docosahexaenoic Acid Liposomes for Drug Delivery: Synergistic Effect of Doxorubicin-Rapamycin in Drug-Resistant Breast Cancer. <i>Marine Drugs</i> , 2019 , 17,	6	10
244	Spatially-targeted laser fabrication of multi-metal microstructures inside a hydrogel. <i>Optics Express</i> , 2019 , 27, 14657-14666	3.3	11
243	Accumulation of gold nano-rods in the failing heart of transgenic mice with the cardiac-specific expression of TNF- α <i>Heart and Vessels</i> , 2019 , 34, 538-544	2.1	5

242	Optimized polymer coating for magnesium alloy-based bioresorbable scaffolds for long-lasting drug release and corrosion resistance. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 163, 100-106	6	24
241	A Simple PLGA-AgNPL Film for Antibiofilm Formation by Contact Bactericidal Activity. <i>Chemistry Letters</i> , 2018 , 47, 308-310	1.7	
240	Gold Coating of Silver Nanoplates for Enhanced Dispersion Stability and Efficient Antimicrobial Activity against Intracellular Bacteria. <i>Langmuir</i> , 2018 , 34, 10413-10418	4	14
239	Silver Nanoparticles as Potential Antibiofilm Agents against Human Pathogenic Bacteria. <i>Chemistry Letters</i> , 2017 , 46, 594-596	1.7	12
238	Enhancement of transdermal protein delivery by photothermal effect of gold nanorods coated on polysaccharide-based hydrogel. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 119, 91-95	5.7	26
237	Effects of pulsed laser irradiation on gold-coated silver nanoplates and their antibacterial activity. <i>Nanoscale</i> , 2017 , 9, 16101-16105	7.7	15
236	Efficient delivery of signal-responsive gene carriers for disease-specific gene expression via bubble liposomes and sonoporation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 160, 60-64	6	3
235	Stat3 inhibitor abrogates the expression of PD-1 ligands on lymphoma cell lines. <i>Journal of Clinical and Experimental Hematopathology: JCEH</i> , 2017 , 57, 21-25	1.9	19
234	Comparison of ovalbumin and ovalbumin epitope peptide for transdermal delivery and vaccination mediated by the photothermal effect of gold nanorods. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017 , 28, 1888-1898	3.5	1
233	Selective depletion of cultured macrophages by magnetite nanoparticles modified with gelatin. <i>Experimental and Therapeutic Medicine</i> , 2017 , 14, 1640-1646	2.1	0
232	Enhancing Mechanism of Gene Transfection by Heat Shock. <i>Chemistry Letters</i> , 2017 , 46, 1158-1160	1.7	3
231	Gold Nanorods as Nanodevices for Bioimaging, Photothermal Therapeutics, and Drug Delivery. <i>Chemical and Pharmaceutical Bulletin</i> , 2017 , 65, 625-628	1.9	33
230	Spatial Distribution of Microbial Communities in the Alluvial Aquifer along the Oyodo River, Miyakonojo Basin, Japan. <i>Journal of Water and Environment Technology</i> , 2017 , 15, 152-162	1.1	2
229	Antibacterial Activities of Silver Nanoplates Controlled by Pulsed Laser. <i>The Review of Laser Engineering</i> , 2017 , 45, 705	0	
228	Anisotropic Gold-based Nanoparticles: Preparation, Properties, and Applications. <i>Chemistry Letters</i> , 2016 , 45, 488-498	1.7	27
227	Gold nanoparticles. <i>Drug Delivery System</i> , 2016 , 31, 477-479	0	
226	Evaluation of the Biogenic Amine-production Ability of Lactic Acid Bacteria Isolated from Tofu-misozuke. <i>Food Science and Technology Research</i> , 2016 , 22, 673-678	0.8	14
225	Comparison of microbial communities inside and outside of a denitrification hotspot in confined groundwater. <i>International Biodeterioration and Biodegradation</i> , 2016 , 114, 104-109	4.8	20

224	Helicobacter pylori VacA, acting through receptor protein tyrosine phosphatase is crucial for CagA phosphorylation in human duodenum carcinoma cell line AZ-521. <i>DMM Disease Models and Mechanisms</i> , 2016 , 9, 1473-1481	4.1	13
223	Polyelectrolyte-coated gold nanorods and their biomedical applications. <i>Nanoscale</i> , 2015 , 7, 59-65	7.7	33
222	Escape Depth of Gold Ions in Tissue Sections. <i>Materials Research Society Symposia Proceedings</i> , 2015 , 1719, 21		2
221	Utilization of a PNA-peptide conjugate to induce a cancer protease-responsive RNAi effect. <i>RSC Advances</i> , 2015 , 5, 85816-85821	3.7	1
220	Tandemly Repeated Peptide for Cancer-specific Gene Carrier Prepared by Native Chemical Ligation. <i>Chemistry Letters</i> , 2015 , 44, 474-476	1.7	1
219	Imaging Mass Spectrometry of Gold Nanorods Distributed in Tumor Tissues. <i>Chemistry Letters</i> , 2015 , 44, 931-933	1.7	11
218	Drug Delivery Systems Controlled by Irradiation of Near Infrared Light. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2015 , 28, 705-710	0.7	6
217	Effect of main chain conformation on thermosensitivity in elastin-like peptide-grafted polylysine. <i>RSC Advances</i> , 2015 , 5, 104900-104906	3.7	7
216	Rapid and serum-insensitive endocytotic delivery of proteins using biotinylated polymers attached via multivalent hydrophobic anchors. <i>Journal of Controlled Release</i> , 2014 , 177, 27-33	11.7	15
215	Hydrophobic cavity formed by oligopeptide for doxorubicin delivery based on dendritic poly(L-lysine). <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014 , 25, 1362-73	3.5	19
214	Nitroxyl radicals-modified dendritic poly(L-lysine) as a contrast agent for Overhauser-enhanced MRI. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014 , 25, 1425-39	3.5	11
213	Histidinylated poly-L-lysine-based vectors for cancer-specific gene expression via enhancing the endosomal escape. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014 , 25, 519-34	3.5	8
212	Fluorescent polyion complex nanoparticle that incorporates an internal standard for quantitative analysis of protein kinase activity. <i>Bioconjugate Chemistry</i> , 2014 , 25, 869-72	6.3	5
211	Changes in Microbial Community Composition during Production of Takanazuke. <i>Food Science and Technology Research</i> , 2014 , 20, 693-698	0.8	1
210	Combination of bubble liposomes and high-intensity focused ultrasound (HIFU) enhanced antitumor effect by tumor ablation. <i>Biological and Pharmaceutical Bulletin</i> , 2014 , 37, 174-7	2.3	16
209	A Rapid and Quantitative Detection of Cellular Protein Kinase Activity Based on MALDI-TOF-MS. <i>Chemistry Letters</i> , 2014 , 43, 658-660	1.7	
208	Change in Overhauser Effect-enhanced MRI Signal in Response to uPA Highly Expressing in Tumor. <i>Chemistry Letters</i> , 2014 , 43, 999-1001	1.7	1
207	Imaging Mass Spectrometry of Intravenously Injected Gold Nanorods in Mice. <i>Chemistry Letters</i> , 2014 , 43, 131-133	1.7	13

206	Drug Delivery System Using Photothermal Effect of Gold Nanorods. <i>Oleoscience</i> , 2014 , 14, 17-21	0.1	
205	Highly cited research articles in Journal of Controlled Release: Commentaries and perspectives by authors. <i>Journal of Controlled Release</i> , 2014 , 190, 29-74	11.7	47
204	Effect of peptide content on the regulation of transgene expression by protein kinase C β -responsive linear polyethylenimine-peptide conjugates. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 123, 123-9	6	3
203	Short peptide motifs for long-lasting anchoring to the cell surface. <i>Bioconjugate Chemistry</i> , 2014 , 25, 2134-43	6.3	22
202	PEG-silica-modified gold nanorods that retain their optical properties in tumor tissues. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013 , 24, 2071-80	3.5	4
201	CW/pulsed NIR irradiation of gold nanorods: effect on transdermal protein delivery mediated by photothermal ablation. <i>Journal of Controlled Release</i> , 2013 , 171, 178-83	11.7	38
200	Stabilization of cancer-specific gene carrier via hydrophobic interaction for a clear-cut response to cancer signaling. <i>Journal of Controlled Release</i> , 2013 , 170, 469-76	11.7	7
199	A protein kinase assay based on FRET between quantum dots and fluorescently-labeled peptides. <i>Chemical Communications</i> , 2013 , 49, 5592-4	5.8	27
198	A polyion complex nanogel. <i>Journal of Colloid and Interface Science</i> , 2013 , 390, 78-84	9.3	11
197	Rapid and selective determination of free chlorine in aqueous solution using electrophilic addition to styrene by gas chromatography/mass spectrometry. <i>Talanta</i> , 2013 , 103, 81-5	6.2	16
196	CANCER-SPECIFIC GENE CARRIERS RESPONDING TO CANCER MICROENVIRONMENT: ACIDOSIS AND HYPER-ACTIVATED PROTEIN KINASES. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2013 , 25, 1340005	0.6	2
195	Serum protein kinase C α s a diagnostic biomarker of cancers. <i>Cancer Biomarkers</i> , 2013 , 13, 99-103	3.8	6
194	Branched polyethylenimine-based PKC β -responsive gene carriers. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013 , 24, 1858-68	3.5	1
193	Thermal Enhancement of Gene Transfection in Tumor Cells Mediated by the Photothermal Effect of Gold Nanorods. <i>Chemistry Letters</i> , 2013 , 42, 767-768	1.7	1
192	A peptide microarray fabricated on a non-fouling phosphatidylcholine-polymer-coated surface for a high-fidelity analysis of a cellular kinome. <i>Current Medicinal Chemistry</i> , 2013 , 20, 4419-25	4.3	4
191	Creating a unique environment for selecting reactive enzymes with DNA: Sticky binding of oligocation-grafted polymers to DNA. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 1346-53	3.4	2
190	A novel double-coating carrier produced by solid-in-oil and solid-in-water nanodispersion technology for delivery of genes and proteins into cells. <i>Journal of Controlled Release</i> , 2012 , 161, 713-21	11.7	13
189	Gold Nanoparticles for the Development of Transdermal Delivery Systems. <i>ACS Symposium Series</i> , 2012 , 69-80	0.4	3

188	Gold nanorods in an oil-base formulation for transdermal treatment of type 1 diabetes in mice. <i>Nanoscale</i> , 2012 , 4, 3776-80	7.7	31
187	Gene carrier showing all-or-none response to cancer cell signaling. <i>Journal of the American Chemical Society</i> , 2012 , 134, 15410-7	16.4	26
186	A colorimetric assay of protein kinase activity based on peptide-induced coagulation of gold nanorods. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 99, 7-11	6	18
185	Conversion of rod-shaped gold nanoparticles to spherical forms and their effect on biodistribution in tumor-bearing mice. <i>Nanoscale Research Letters</i> , 2012 , 7, 565	5	30
184	Folate-PEG-appended dendrimer conjugate with β -cyclodextrin as a novel cancer cell-selective siRNA delivery carrier. <i>Molecular Pharmaceutics</i> , 2012 , 9, 2591-604	5.6	74
183	Improvement in the colloidal stability of protein kinase-responsive polyplexes by PEG modification. <i>Journal of Biomedical Materials Research - Part A</i> , 2012 , 100, 1136-41	5.4	6
182	Correlation between phosphorylation ratios by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry analysis and radioactivities by radioactive assay. <i>Analytical Biochemistry</i> , 2012 , 421, 773-5	3.1	1
181	Fluorometric detection of protein kinase C activity based on phosphorylation-induced dissociation of a polyion complex. <i>Analytical Biochemistry</i> , 2012 , 424, 130-6	3.1	6
180	Biodistribution and Tumor Localization of PEG-Modified Dendritic Poly(L-Lysine) Oligonucleotide Complexes. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012 , 23, 2369-80	3.5	4
179	Sequential Release of Single-stranded DNAs from Gold Nanorods Triggered by Near-infrared Light Irradiation. <i>Chemistry Letters</i> , 2012 , 41, 711-712	1.7	7
178	OS7-2-4 Drug delivery system using photothermal effect of gold nanorods. <i>The Proceedings of the Symposium on Micro-Nano Science and Technology</i> , 2012 , 2012.4, 23-24	0	
177	Controlled-release system mediated by a retro Diels-Alder reaction induced by the photothermal effect of gold nanorods. <i>Langmuir</i> , 2011 , 27, 14621-6	4	49
176	Peptide substrates for Rho-associated kinase 2 (Rho-kinase 2/ROCK2). <i>PLoS ONE</i> , 2011 , 6, e22699	3.7	17
175	Optimization of peptide density on microarray surface for quantitative phosphoproteomics. <i>Analytical Sciences</i> , 2011 , 27, 13-7	1.7	7
174	The forthcoming applications of gold nanoparticles in drug and gene delivery systems. <i>Journal of Controlled Release</i> , 2011 , 149, 65-71	11.7	514
173	Transgene regulation system responding to Rho associated coiled-coil kinase (ROCK) activation. <i>Journal of Controlled Release</i> , 2011 , 155, 40-6	11.7	10
172	A simple set-and-mix assay for screening of protein kinase inhibitors in cell lysates. <i>Analytical Biochemistry</i> , 2011 , 418, 44-9	3.1	4
171	Effect of introduction of chondroitin sulfate into polymer-peptide conjugate responding to intracellular signals. <i>Nanoscale Research Letters</i> , 2011 , 6, 532	5	7

170	A solid-in-oil dispersion of gold nanorods can enhance transdermal protein delivery and skin vaccination. <i>Small</i> , 2011 , 7, 215-20	11	36
169	Fluorescent nanoparticles consisting of lipopeptides and fluorescein-modified polyanions for monitoring of protein kinase activity. <i>Bioconjugate Chemistry</i> , 2011 , 22, 1526-34	6.3	17
168	Controlled-release system of single-stranded DNA triggered by the photothermal effect of gold nanorods and its in vivo application. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 2130-5	3.4	65
167	A hydrophilic polymer grafted with a histone tail peptide as an artificial gene regulator. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 4101-5	3.4	2
166	Development of functional gold nanorods for bioimaging and photothermal therapy. <i>Journal of Physics: Conference Series</i> , 2010 , 232, 012011	0.3	5
165	Design of temperature-responsive polymers with enhanced hysteresis: alpha,alpha-disubstituted vinyl polymers. <i>Langmuir</i> , 2010 , 26, 9224-32	4	16
164	Unusually large hysteresis of temperature-responsive poly(N-ethyl-2-propionamidoacrylamide) studied by microcalorimetry and FT-IR. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 7784-90	3.4	16
163	Active accumulation of gold nanorods in tumor in response to near-infrared laser irradiation. <i>Bioconjugate Chemistry</i> , 2010 , 21, 2049-54	6.3	36
162	Protein kinase substrate profiling with a high-density peptide microarray. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2010 , 13, 777-89	1.3	14
161	Polydispersity as a parameter for indicating the thermal stability of proteins by dynamic light scattering. <i>Analytical Sciences</i> , 2010 , 26, 659-63	1.7	34
160	Hepatoma-targeted gene delivery using a tumor cell-specific gene regulation system combined with a human liver cell-specific bionanocapsule. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010 , 6, 583-9	6	14
159	Specific transgene expression in HIV-infected cells using protease-cleavable transcription regulator. <i>Journal of Controlled Release</i> , 2010 , 141, 52-61	11.7	15
158	Characterization of gene expression regulation using D-RECS polymer by enzymatic reaction for an effective design of enzyme-responsive gene regulator. <i>Journal of Controlled Release</i> , 2010 , 143, 344-9	11.7	3
157	Targeted delivery of gold nanorods modified with thermo-sensitive polymer. <i>Journal of Controlled Release</i> , 2010 , 148, e65-6	11.7	4
156	Tumor therapy by gene regulation system responding to cellular signal. <i>Journal of Controlled Release</i> , 2010 , 148, 101-105	11.7	12
155	A gene-delivery system specific for hepatoma cells and an intracellular kinase signal based on human liver-specific bionanocapsules and signal-responsive artificial polymer. <i>International Journal of Pharmaceutics</i> , 2010 , 396, 174-8	6.5	6
154	Gold nanoparticle-based colorimetric assay for cancer diagnosis. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 1869-74	11.8	58
153	Controlled release of PEG chain from gold nanorods: targeted delivery to tumor. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 4453-8	3.4	35

152	Signal-to-noise ratio improvement of peptide microarrays by using hyperbranched-polymer materials. <i>Journal of Applied Physics</i> , 2009 , 105, 102020	2.5	11
151	Functional Controlled Release Systems Triggered by Photothermal Effect of Gold Nanorods. <i>Materials Research Society Symposia Proceedings</i> , 2009 , 1241, 1		
150	The Combination of Drug or Gene Delivery System Responding to Cellular Signals (D-RECS) and Sonoporation System for Effective and Safe Gene Delivery. <i>Materials Research Society Symposia Proceedings</i> , 2009 , 1237, 1		
149	Oligonucleotide Delivery with Dendritic Poly(L-lysine) for Treatments of the Liver Disorders. <i>Materials Research Society Symposia Proceedings</i> , 2009 , 1237, 1		
148	Monitoring protein kinase activity in cell lysates using a high-density peptide microarray. <i>Journal of Biomolecular Screening</i> , 2009 , 14, 256-62		16
147	A syngeneic hepatocellular carcinoma model rapidly and simply prepared using a hydrodynamics-based procedure. <i>Veterinary Journal</i> , 2009 , 181, 336-9	2.5	7
146	Pulmonary gene delivery of hybrid vector, lipopolyplex containing N-lauroylsarcosine, via the systemic route. <i>Journal of Controlled Release</i> , 2009 , 136, 213-9	11.7	17
145	The effects of PEG grafting level and injection dose on gold nanorod biodistribution in the tumor-bearing mice. <i>Journal of Controlled Release</i> , 2009 , 139, 81-4	11.7	164
144	Protein kinase C alpha-specific peptide substrate graft-type copolymer for cancer cell-specific gene regulation systems. <i>Journal of Controlled Release</i> , 2009 , 139, 133-9	11.7	19
143	Role of estrogenic compounds (diethylstilbestrol, 17beta-estradiol, and bisphenol A) in the phosphorylation of substrate by protein kinase Calpha. <i>Journal of Biochemical and Molecular Toxicology</i> , 2009 , 23, 318-23	3.4	2
142	Inflammatory cell-specific transgene expression system responding to Ikappa-B kinase beta activation. <i>Journal of Gene Medicine</i> , 2009 , 11, 624-32	3.5	18
141	Ternary complexes of pDNA, polyethylenimine, and gamma-polyglutamic acid for gene delivery systems. <i>Biomaterials</i> , 2009 , 30, 2846-53	15.6	142
140	Stability of DNA/Td3717 complexes for gene transfection, defined by the size and polydispersity of the complex. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 7643-6	3.4	2
139	Improvement of peptide vectors for gene delivery with active targeting profiles for phosphatidylserine. <i>Journal of Peptide Science</i> , 2009 , 15, 114-9	2.1	3
138	Protein kinase Calpha-responsive polymeric carrier: its application for gene delivery into human cancers. <i>Cancer Science</i> , 2009 , 100, 1532-6	6.9	15
137	Establishment of screening system toward discovery of kinase inhibitors using label-free on-chip phosphorylation assays. <i>BioSystems</i> , 2009 , 97, 179-85	1.9	3
136	Molecular design of protein-based nanocapsules for stimulus-responsive characteristics. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 85-93	3.4	21
135	NFkappaB decoy delivery using dendritic poly(l-lysine) for treatment of endotoxin-induced hepatitis in mice. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 4990-5	3.4	13

134	Cellular signal-specific peptide substrate is essential for the gene delivery system responding to cellular signals. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 6082-6	2.9	3
133	PNIPAM gel-coated gold nanorods for targeted delivery responding to a near-infrared laser. <i>Bioconjugate Chemistry</i> , 2009 , 20, 209-12	6.3	199
132	In vivo siRNA delivery with dendritic poly(L-lysine) for the treatment of hypercholesterolemia. <i>Molecular BioSystems</i> , 2009 , 5, 1306-10		64
131	Syndiotactic poly(N-n-propylacrylamide) shows highly cooperative phase transition. <i>Langmuir</i> , 2009 , 25, 48-50	4	26
130	Molecular mechanism of caspase-3-induced gene expression of polyplexes formed from polycations grafted with cationic substrate peptides. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009 , 20, 967-80	3.5	3
129	A novel protease activity assay using a protease-responsive chaperone protein. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 383, 293-7	3.4	9
128	Poly(ethylene glycol)-modified gold nanorods as a photothermal nanodevice for hyperthermia. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009 , 20, 1203-15	3.5	67
127	Nanoparticles of adaptive supramolecular networks self-assembled from nucleotides and lanthanide ions. <i>Journal of the American Chemical Society</i> , 2009 , 131, 2151-8	16.4	272
126	Photochemical Reaction of Poly(ethylene glycol) on Gold Nanorods Induced by Near Infrared Pulsed-laser Irradiation. <i>Chemistry Letters</i> , 2009 , 38, 226-227	1.7	21
125	Gene Transfer into Cells from Solid Surfaces and Its Application to In Vivo Systems. <i>Chemistry Letters</i> , 2009 , 38, 36-37	1.7	2
124	Phosphatidylserine-selective Conformational Change of α -Helix Peptide, Td3717, and Its Ability to Transfect Cancer Cells. <i>Chemistry Letters</i> , 2009 , 38, 684-685	1.7	1
123	Intracellular Enzyme-responsive Fragmentation of Nonviral Gene Carriers Leads to Polyplex Destabilization and Enhanced Transgene Expression. <i>Chemistry Letters</i> , 2009 , 38, 718-719	1.7	4
122	Regulation of Transgene Expression in Tumor Cells by Exploiting Endogenous Intracellular Signals. <i>Nanoscale Research Letters</i> , 2008 , 4, 229-233	5	3
121	Efficient delivery of siRNA using dendritic poly(L-lysine) for loss-of-function analysis. <i>Journal of Controlled Release</i> , 2008 , 126, 59-66	11.7	96
120	Colorimetric enzymatic activity assay based on noncrosslinking aggregation of gold nanoparticles induced by adsorption of substrate peptides. <i>Biomacromolecules</i> , 2008 , 9, 2301-8	6.9	57
119	Effective delivery of DNA into tumor cells and tissues by electroporation of polymer-DNA complex. <i>Cancer Letters</i> , 2008 , 265, 281-8	9.9	9
118	Design of polymeric carriers for cancer-specific gene targeting: utilization of abnormal protein kinase Calpha activation in cancer cells. <i>Journal of the American Chemical Society</i> , 2008 , 130, 14906-7	16.4	74
117	In Vivo Monitoring of Gold Nanorods and Tissue Damage Mediated with their Photothermal Effect. <i>Materials Research Society Symposia Proceedings</i> , 2008 , 1138, 1		

116	Photoinduced Release of Oligonucleotide-conjugated Silica-coated Gold Nanorods Accompanied by Moderate Morphological Changes. <i>Chemistry Letters</i> , 2008 , 37, 718-719	1.7	10
115	Letter: correlation between phosphorylation ratios by matrix-assisted laser desorption/ionization time-of-flight mass spectrometric analysis and enzyme kinetics. <i>European Journal of Mass Spectrometry</i> , 2008 , 14, 261-5	1.1	5
114	Drug delivery system based on responses to an HIV infectious signal. <i>Medicinal Chemistry</i> , 2008 , 4, 386-91.8		6
113	Surface modification of gold nanorods using layer-by-layer technique for cellular uptake. <i>Journal of Nanoparticle Research</i> , 2008 , 10, 221-228	2.3	47
112	A short peptide is a protein kinase C (PKC) alpha-specific substrate. <i>Proteomics</i> , 2008 , 8, 2006-11	4.8	38
111	In vivo monitoring of intravenously injected gold nanorods using near-infrared light. <i>Small</i> , 2008 , 4, 1001-7	4.7	46
110	Role of plasma as activator and cofactor in phosphorylation catalyzed by protein kinase C. <i>Cell Biochemistry and Function</i> , 2008 , 26, 70-5	4.2	4
109	Development of polymeric drug delivery system for recognizing vascular endothelial dysfunction. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 2811-8	3.4	7
108	High-throughput colorimetric detection of tyrosine kinase inhibitors based on the aggregation of gold nanoparticles. <i>Analytical Biochemistry</i> , 2008 , 373, 161-3	3.1	29
107	A quantitative peptide array for evaluation of protein kinase activity. <i>Analytical Biochemistry</i> , 2008 , 372, 106-15	3.1	24
106	Surface plasmon resonance imaging measurements of caspase reactions on peptide microarrays. <i>Analytical Biochemistry</i> , 2008 , 375, 147-9	3.1	21
105	Evaluation of protein kinase activities of cell lysates using peptide microarrays based on surface plasmon resonance imaging. <i>Analytical Biochemistry</i> , 2008 , 375, 223-31	3.1	43
104	"Threading" of beta-sheet peptides via radical polymerization. <i>Biomacromolecules</i> , 2007 , 8, 318-21	6.9	6
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