Andrew Tsourkas

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cytosolic Delivery of Small Protein Scaffolds Enables Efficient Inhibition of Ras and Myc. Molecular Pharmaceutics, 2022, 19, 1104-1116.	4.6	6
2	Superoxide dismutase-loaded porous polymersomes as highly efficient antioxidant nanoparticles targeting synovium for osteoarthritis therapy. Biomaterials, 2022, 283, 121437.	11.4	34
3	Rapid Production of Bispecific Antibodies from Off-the-Shelf IgGs with High Yield and Purity. Bioconjugate Chemistry, 2022, 33, 134-141.	3.6	5
4	Rapid, site-specific labeling of "off-the-shelf―and native serum autoantibodies with T cell–redirecting domains. Science Advances, 2022, 8, eabn4613.	10.3	2
5	Magnetic Nanoparticles. , 2021, , 679-698.		1
6	Superoxide Dismutase‣oaded Nanoparticles Attenuate Myocardial Ischemiaâ€Reperfusion Injury and Protect against Chronic Adverse Ventricular Remodeling. Advanced Therapeutics, 2021, 4, 2100036.	3.2	10
7	Phospholipase A ₂ inhibitor–loaded micellar nanoparticles attenuate inflammation and mitigate osteoarthritis progression. Science Advances, 2021, 7, .	10.3	33
8	Efficient Labeling of Native Human IgG by Proximity-Based Sortase-Mediated Isopeptide Ligation. Bioconjugate Chemistry, 2021, 32, 1058-1066.	3.6	12
9	Targeting cartilage EGFR pathway for osteoarthritis treatment. Science Translational Medicine, 2021, 13, .	12.4	83
10	Biophysical Considerations in the Rational Design and Cellular Targeting of Flexible Polymeric Nanoparticles. Advanced Materials Interfaces, 2021, 8, 2101290.	3.7	2
11	Biophysical Considerations in the Rational Design and Cellular Targeting of Flexible Polymeric Nanoparticles (Adv. Mater. Interfaces 23/2021). Advanced Materials Interfaces, 2021, 8, .	3.7	0
12	Use of Oppositely Polarized External Magnets To Improve the Accumulation and Penetration of Magnetic Nanocarriers into Solid Tumors. ACS Nano, 2020, 14, 142-152.	14.6	59
13	Combined fluorescence-guided surgery and photodynamic therapy for glioblastoma multiforme using cyanine and chlorin nanocluster. Journal of Neuro-Oncology, 2020, 149, 243-252.	2.9	15
14	Phospholipase A ₂ Inhibitor-Loaded Phospholipid Micelles Abolish Neuropathic Pain. ACS Nano, 2020, 14, 8103-8115.	14.6	16
15	Evaluation of Diagnostic Accuracy Following the Coadministration of Delta-Aminolevulinic Acid and Second Window Indocyanine Green in Rodent and Human Glioblastomas. Molecular Imaging and Biology, 2020, 22, 1266-1279.	2.6	11
16	Indocyanine Green-Coated Polycaprolactone Micelles for Fluorescence Imaging of Tumors. ACS Applied Bio Materials, 2020, 3, 2344-2349.	4.6	12
17	Quantitative Control of Gene-Engineered T-Cell Activity through the Covalent Attachment of Targeting Ligands to a Universal Immune Receptor. Journal of the American Chemical Society, 2020, 142, 6554-6568.	13.7	36
18	Iron imaging in myocardial infarction reperfusion injury. Nature Communications, 2020, 11, 3273.	12.8	22

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19	Biodegradable Gold Nanoclusters with Improved Excretion Due to pH-Triggered Hydrophobic-to-Hydrophilic Transition. Journal of the American Chemical Society, 2020, 142, 7783-7794.	13.7	40
20	Indocyanine Green–Coated Gold Nanoclusters for Photoacoustic Imaging and Photothermal Therapy. Advanced Therapeutics, 2019, 2, 1900088.	3.2	29
21	Activatable Hybrid Polyphosphazene-AuNP Nanoprobe for ROS Detection by Bimodal PA/CT Imaging. ACS Applied Materials & amp; Interfaces, 2019, 11, 28648-28656.	8.0	45
22	Cytosolic delivery of inhibitory antibodies with cationic lipids. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22132-22139.	7.1	39
23	Dextran-Benzoporphyrin Derivative (BPD) Coated Superparamagnetic Iron Oxide Nanoparticle (SPION) Micelles for T ₂ -Weighted Magnetic Resonance Imaging and Photodynamic Therapy. Bioconjugate Chemistry, 2019, 30, 2974-2981.	3.6	35
24	Use of magnetic fields and nanoparticles to trigger drug release and improve tumor targeting. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2019, 11, e1571.	6.1	97
25	Site-Specific C-Terminal Labeling of Recombinant Proteins with Proximity-Based Sortase-Mediated Ligation (PBSL). Methods in Molecular Biology, 2019, 2012, 15-28.	0.9	0
26	Overcoming the Limitations of Sortase with Proximity-Based Sortase-Mediated Ligation (PBSL). Methods in Molecular Biology, 2019, 2008, 165-177.	0.9	3
27	Chlorin e6-Coated Superparamagnetic Iron Oxide Nanoparticle (SPION) Nanoclusters as a Theranostic Agent for Dual-Mode Imaging and Photodynamic Therapy. Scientific Reports, 2019, 9, 2613.	3.3	74
28	Antibody-Linked Fluorogen-Activating Proteins for Antigen Detection and Cell Ablation. Bioconjugate Chemistry, 2019, 30, 63-69.	3.6	10
29	Optimization of Second Window Indocyanine Green for Intraoperative Near-Infrared Imaging of Thoracic Malignancy. Journal of the American College of Surgeons, 2019, 228, 188-197.	0.5	45
30	An Integrated Stress Response Agent that Modulates DR5-Dependent TRAIL Synergy Reduces Patient-Derived Glioma Stem Cell Viability. Molecular Cancer Research, 2019, 17, 1102-1114.	3.4	7
31	Site-Specific Photocrosslinking to Immunoglobulin G Using Photoreactive Antibody-Binding Domains. Methods in Molecular Biology, 2019, 2033, 275-286.	0.9	5
32	Abstract 2317: Dose control of CAR-like T cell activity through post-translational covalent loading of ligands to a universal immune receptor. , 2019, , .		0
33	A novel nanoparticle delivery system for targeted therapy of noise-induced hearing loss. Journal of Controlled Release, 2018, 279, 243-250.	9.9	43
34	Protoporphyrin IX (PpIX)â€Coated Superparamagnetic Iron Oxide Nanoparticle (SPION) Nanoclusters for Magnetic Resonance Imaging and Photodynamic Therapy. Advanced Functional Materials, 2018, 28, 1707030.	14.9	84
35	Molecular engineering of antibodies for site-specific covalent conjugation using CRISPR/Cas9. Scientific Reports, 2018, 8, 1760.	3.3	32
36	Ferritin Nanocages with Biologically Orthogonal Conjugation for Vascular Targeting and Imaging. Bioconjugate Chemistry, 2018, 29, 1209-1218.	3.6	32

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37	The Development of a Nano-based Approach to Alleviate Cisplatin-Induced Ototoxicity. JARO - Journal of the Association for Research in Otolaryngology, 2018, 19, 123-132.	1.8	8
38	Site-Specific Modification of Single-Chain Antibody Fragments for Bioconjugation and Vascular Immunotargeting. Bioconjugate Chemistry, 2018, 29, 56-66.	3.6	26
39	Quantifying Gene Expression in Living Cells with Ratiometric Bimolecular Beacons. Methods in Molecular Biology, 2018, 1649, 231-242.	0.9	4
40	Radiofrequencyâ€Triggered Drug Release from Nanoliposomes with Millimeterâ€Scale Resolution Using a Superimposed Static Gating Field. Small, 2018, 14, e1802563.	10.0	30
41	Wulff in a cage gold nanoparticles as contrast agents for computed tomography and photoacoustic imaging. Nanoscale, 2018, 10, 18749-18757.	5.6	34
42	Site-Specific Labeling of Cyanine and Porphyrin Dye-Stabilized Nanoemulsions with Affibodies for Cellular Targeting. Journal of the American Chemical Society, 2018, 140, 13550-13553.	13.7	14
43	Advances in nano-based inner ear delivery systems for the treatment of sensorineural hearing loss. Advanced Drug Delivery Reviews, 2017, 108, 2-12.	13.7	92
44	Improved Photodynamic Therapy Efficacy of Protoporphyrin IX-Loaded Polymeric Micelles Using Erlotinib Pretreatment. Biomacromolecules, 2017, 18, 1836-1844.	5.4	44
45	Proximityâ€Based Sortaseâ€Mediated Ligation. Angewandte Chemie - International Edition, 2017, 56, 5349-5352.	13.8	44
46	Microfluidic diafiltration-on-chip using an integrated magnetic peristaltic micropump. Lab on A Chip, 2017, 17, 3796-3803.	6.0	19
47	Superoxide Dismutase‣oaded Porous Polymersomes as Highly Efficient Antioxidants for Treating Neuropathic Pain. Advanced Healthcare Materials, 2017, 6, 1700500.	7.6	41
48	Photoacousticâ€Guided Surgery with Indocyanine Green oated Superparamagnetic Iron Oxide Nanoparticle Clusters. Small, 2017, 13, 1701300.	10.0	55
49	Proximityâ€Based Sortaseâ€Mediated Ligation. Angewandte Chemie, 2017, 129, 5433-5436.	2.0	3
50	Increasing the Therapeutic Efficacy of Radiotherapy Using Nanoparticles. Cancer Drug Discovery and Development, 2017, , 241-265.	0.4	9
51	Site-specific antibody-liposome conjugation through copper-free click chemistry: a molecular biology approach for targeted photodynamic therapy (Conference Presentation). , 2016, , .		0
52	Cationic gadolinium chelate for magnetic resonance imaging of cartilaginous defects. Contrast Media and Molecular Imaging, 2016, 11, 229-235.	0.8	1
53	Theranostic Application of Mixed Gold and Superparamagnetic Iron Oxide Nanoparticle Micelles in Glioblastoma Multiforme. Journal of Biomedical Nanotechnology, 2016, 12, 347-356.	1.1	94
54	Development of silica-encapsulated silver nanoparticles as contrast agents intended for dual-energy mammography. European Radiology, 2016, 26, 3301-3309.	4.5	34

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55	A pHâ€Responsive Drugâ€Delivery Platform Based on Glycol Chitosan–Coated Liposomes. Small, 2015, 11, 4870-4874.	10.0	107
56	Superparamagnetic Iron Oxide Nanoparticle Micelles Stabilized by Recombinant Oleosin for Targeted Magnetic Resonance Imaging. Small, 2015, 11, 1409-1413.	10.0	32
57	Singleâ€Cell Detection of mRNA Expression Using Nanofountainâ€Probe Electroporated Molecular Beacons. Small, 2015, 11, 2386-2391.	10.0	32
58	LASIC: Light Activated Site-Specific Conjugation of Native IgGs. Bioconjugate Chemistry, 2015, 26, 1456-1460.	3.6	60
59	PLA ₂ -responsive and SPIO-loaded phospholipid micelles. Chemical Communications, 2015, 51, 12313-12315.	4.1	13
60	A Novel Chitosan-Hydrogel-Based Nanoparticle Delivery System for Local Inner Ear Application. Otology and Neurotology, 2015, 36, 341-347.	1.3	62
61	Biodistribution, Clearance, and Toxicology of Polymeric Micelles Loaded with 0.9 or 5 nm Gold Nanoparticles. Journal of Biomedical Nanotechnology, 2015, 11, 1836-1846.	1.1	41
62	A simple method for the synthesis of porous polymeric vesicles and their application as MR contrast agents. Journal of Materials Chemistry B, 2015, 3, 9277-9284.	5.8	17
63	A Multifunctional Nanoplatform for Imaging, Radiotherapy, and the Prediction of Therapeutic Response. Small, 2015, 11, 834-843.	10.0	54
64	Gold-Loaded Polymeric Micelles for Computed Tomography-Guided Radiation Therapy Treatment and Radiosensitization. ACS Nano, 2014, 8, 104-112.	14.6	193
65	Dextran coated bismuth–iron oxide nanohybrid contrast agents for computed tomography and magnetic resonance imaging. Journal of Materials Chemistry B, 2014, 2, 8239-8248.	5.8	102
66	Stabilized porous liposomes with encapsulated Gd-labeled dextran as a highly efficient MRI contrast agent. Chemical Communications, 2014, 50, 2502.	4.1	22
67	Facile Method for the Siteâ€5pecific, Covalent Attachment of Fullâ€Length IgG onto Nanoparticles. Small, 2014, 10, 3354-3363.	10.0	45
68	Nanodisco Balls: Control over Surface <i>versus</i> Core Loading of Diagnostically Active Nanocrystals into Polymer Nanoparticles. ACS Nano, 2014, 8, 9143-9153.	14.6	40
69	Optimization of Photoactive Protein Z for Fast and Efficient Site-Specific Conjugation of Native IgG. Bioconjugate Chemistry, 2014, 25, 1709-1719.	3.6	36
70	Exploring silver as a contrast agent for contrast-enhanced dual-energy X-ray breast imaging. British Journal of Radiology, 2014, 87, 20140081.	2.2	25
71	Nanogel carrier design for targeted drug delivery. Journal of Materials Chemistry B, 2014, 2, 8085-8097.	5.8	153
72	Next Generation Nanoparticles for Enhanced Radiation Therapy and Diagnostic Imaging of Brain Tumors. International Journal of Radiation Oncology Biology Physics, 2014, 90, S280-S281.	0.8	0

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73	Real-time Imaging of Single Engineered RNA Transcripts in Living Cells Using Ratiometric Bimolecular Beacons. Journal of Visualized Experiments, 2014, , e51544.	0.3	1
74	Nanoparticles Functionalized with Collagenase Exhibit Improved Tumor Accumulation in a Murine Xenograft Model. Particle and Particle Systems Characterization, 2014, 31, 1307-1312.	2.3	53
75	Monitoring Phospholipase A2 Activity with Gd-encapsulated Phospholipid Liposomes. Scientific Reports, 2014, 4, 6958.	3.3	22
76	Quantitative Comparison of Tumor Delivery for Multiple Targeted Nanoparticles Simultaneously by Multiplex ICP-MS. Scientific Reports, 2014, 4, 5840.	3.3	23
77	Imaging the Directed Transport of Single Engineered RNA Transcripts in Real-Time Using Ratiometric Bimolecular Beacons. PLoS ONE, 2014, 9, e85813.	2.5	7
78	Gd-Labeled Glycol Chitosan as a pH-Responsive Magnetic Resonance Imaging Agent for Detecting Acidic Tumor Microenvironments. Journal of Medicinal Chemistry, 2013, 56, 7862-7869.	6.4	24
79	Assessment of Global Cardiac Uptake of Radiolabeled Iron Oxide Nanoparticles in Apolipoprotein-E-Deficient Mice: Implications for Imaging Cardiovascular Inflammation. Molecular Imaging and Biology, 2013, 16, 330-9.	2.6	14
80	Theranostic Gold Nanoparticles Modified for Durable Systemic Circulation Effectively and Safely Enhance the Radiation Therapy of Human Sarcoma Cells and Tumors. Translational Oncology, 2013, 6, 722-IN32.	3.7	46
81	Effect of ligand density, receptor density, and nanoparticle size on cell targeting. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 194-201.	3.3	291
82	Sortase-Tag Expressed Protein Ligation: Combining Protein Purification and Site-Specific Bioconjugation into a Single Step. Analytical Chemistry, 2013, 85, 11090-11097.	6.5	80
83	Quantitative assessment of ratiometric bimolecular beacons as a tool for imaging single engineered RNA transcripts and measuring gene expression in living cells. Nucleic Acids Research, 2013, 41, e152-e152.	14.5	24
84	Gd-based Macromolecules and Nanoparticles as Magnetic Resonance Contrast Agents for Molecular Imaging. Current Topics in Medicinal Chemistry, 2013, 13, 411-421.	2.1	78
85	Selective Targeting of Brain Tumors with Gold Nanoparticle-Induced Radiosensitization. PLoS ONE, 2013, 8, e62425.	2.5	205
86	Gold nanoparticles in radiation research: potential applications for imaging and radiosensitization. Translational Cancer Research, 2013, 2, 280-291.	1.0	64
87	Imaging RNA in Single Living Cells: Recent Advances and Future Outlook. , 2012, , .		0
88	Research Highlights: Highlights from the latest articles in nanomedicine. Nanomedicine, 2012, 7, 949-952.	3.3	2
89	Biodegradable Polydisulfide Dendrimer Nanoclusters as MRI Contrast Agents. ACS Nano, 2012, 6, 9416-9424.	14.6	86
90	Multifunctional Nanoparticles: Cost Versus Benefit of Adding Targeting and Imaging Capabilities. Science, 2012, 338, 903-910.	12.6	1,166

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91	Simultaneous Quantification of Tumor Uptake for Targeted and Nontargeted Liposomes and Their Encapsulated Contents by ICPMS. Analytical Chemistry, 2012, 84, 7578-7582.	6.5	3
92	A Novel â€~Theranostic' Approach? Polymer-coated Gold Nanoparticles Show Durable Systemic Circulation, Are Readily Imaged, and Radiosensitize Human Cancer Cells and Tumors. International Journal of Radiation Oncology Biology Physics, 2012, 84, S874.	0.8	1
93	Emerging role of radiolabeled nanoparticles as an effective diagnostic technique. EJNMMI Research, 2012, 2, 39.	2.5	120
94	Xanthine oxidaseâ€generated hydrogen peroxide is a consequence, not a mediator of cell death. FEBS Journal, 2012, 279, 844-855.	4.7	14
95	ICP-MS analysis of lanthanide-doped nanoparticles as a non-radiative, multiplex approach to quantify biodistribution and blood clearance. Biomaterials, 2012, 33, 1509-1519.	11.4	60
96	An Examination of Silver as a Radiographic Contrast Agent in Dual-Energy Breast X-ray Imaging. Lecture Notes in Computer Science, 2012, , 418-425.	1.3	3
97	pH-Titratable Superparamagnetic Iron Oxide for Improved Nanoparticle Accumulation in Acidic Tumor Microenvironments. ACS Nano, 2011, 5, 9592-9601.	14.6	126
98	Quantification of miRNA Abundance in Single Cells Using Locked Nucleic Acid-FISH and Enzyme-Labeled Fluorescence. Methods in Molecular Biology, 2011, 680, 77-88.	0.9	22
99	Delivery of Molecular Beacons for Live-Cell Imaging and Analysis of RNA. Methods in Molecular Biology, 2011, 714, 159-174.	0.9	18
100	Improved Tumor Targeting of Polymer-Based Nanovesicles Using Polymer–Lipid Blends. Bioconjugate Chemistry, 2011, 22, 2021-2029.	3.6	85
101	Superparamagnetic Iron Oxide–Enhanced Magnetic Resonance Imaging of Neuroinflammation in a Rat Model of Radicular Pain. Molecular Imaging, 2011, 10, 7290.2010.00042.	1.4	17
102	Firefly Luciferase and Rluc8 Exhibit Differential Sensitivity to Oxidative Stress in Apoptotic Cells. PLoS ONE, 2011, 6, e20073.	2.5	24
103	Superparamagnetic iron oxide-enhanced magnetic resonance imaging of neuroinflammation in a rat model of radicular pain. Molecular Imaging, 2011, 10, 206-14.	1.4	12
104	Gadoliniumâ€Conjugated Dendrimer Nanoclusters as a Tumorâ€Targeted <i>T</i> ₁ Magnetic Resonance Imaging Contrast Agent. Angewandte Chemie - International Edition, 2010, 49, 346-350.	13.8	173
105	Examination of Folateâ€Targeted Liposomes with Encapsulated Poly(2â€propylacrylic acid) as a pHâ€Responsive Nanoplatform for Cytosolic Drug Delivery. Small, 2010, 6, 1398-1401.	10.0	9
106	An Inteinâ€Mediated Siteâ€Specific Click Conjugation Strategy for Improved Tumor Targeting of Nanoparticle Systems. Small, 2010, 6, 2460-2468.	10.0	57
107	In Vivo, Multimodal Imaging of B Cell Distribution and Response to Antibody Immunotherapy in Mice. PLoS ONE, 2010, 5, e10655.	2.5	21
108	Ratiometric bimolecular beacons for the sensitive detection of RNA in single living cells. Nucleic Acids Research, 2010, 38, e148-e148.	14.5	53

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109	Nanoprobes for Live-Cell Gene Detection. , 2010, , 479-504.		0
110	Highly Paramagnetic Tumor-Targeted Contrast Agents. , 2010, , .		0
111	Two-photon imaging of multicellular tumor spheroids: A novel method for evaluating the efficacy of CDC25 phosphatase inhibitors. Cancer Biology and Therapy, 2009, 8, 2235-2236.	3.4	2
112	Imaging individual microRNAs in single mammalian cells in situ. Nucleic Acids Research, 2009, 37, e100-e100.	14.5	151
113	Sub-cellular trafficking and functionality of 2′- O -methyl and 2′- O -methyl-phosphorothioate molecular beacons. Nucleic Acids Research, 2009, 37, e149-e149.	14.5	34
114	Porous Polymersomes with Encapsulated Gdâ€Labeled Dendrimers as Highly Efficient MRI Contrast Agents. Advanced Functional Materials, 2009, 19, 3753-3759.	14.9	94
115	Imaging circulating cells and lymphoid tissues with iron oxide nanoparticles. Hematology American Society of Hematology Education Program, 2009, 2009, 720-726.	2.5	85
116	Fluorescent Probes for Live-Cell RNA Detection. Annual Review of Biomedical Engineering, 2009, 11, 25-47.	12.3	217
117	IMAGING RNA IN LIVING CELLS WITH MOLECULAR BEACONS: CURRENT PERSPECTIVES AND CHALLENGES. Journal of Innovative Optical Health Sciences, 2009, 02, 315-324.	1.0	9
118	Comparative Analysis of Nanoparticle-Antibody Conjugations: Carbodiimide Versus Click Chemistry. Molecular Imaging, 2009, 8, 7290.2009.00021.	1.4	71
119	Comparative analysis of nanoparticle-antibody conjugations: carbodiimide versus click chemistry. Molecular Imaging, 2009, 8, 221-9.	1.4	31
120	Size, charge and concentration dependent uptake of iron oxide particles by non-phagocytic cells. Biomaterials, 2008, 29, 3583-3590.	11.4	345
121	Assessing the Sensitivity of Commercially Available Fluorophores to the Intracellular Environment. Analytical Chemistry, 2008, 80, 7437-7444.	6.5	56
122	Paramagnetic Porous Polymersomes. Langmuir, 2008, 24, 8169-8173.	3.5	91
123	Iron chelator-based amplification strategy for improved targeting of transferrin receptor with SPIO. Cancer Biology and Therapy, 2008, 7, 889-895.	3.4	10
124	Efficient cytosolic delivery of molecular beacon conjugates and flow cytometric analysis of target RNA. Nucleic Acids Research, 2008, 36, e69-e69.	14.5	73
125	In vivo imaging of cancer biomarkers using activatable molecular probes. Cancer Biomarkers, 2008, 4, 287-305.	1.7	71

Molecular Imaging of Cancer with Superparamagnetic Iron-Oxide Nanoparticles. , 2008, , 85-95.

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127	Avoiding false-positive signals with nuclease-vulnerable molecular beacons in single living cells. Nucleic Acids Research, 2007, 35, e105.	14.5	122
128	Superparamagnetic Iron Oxide Nanoparticle Probes for Molecular Imaging. Annals of Biomedical Engineering, 2006, 34, 23-38.	2.5	675
129	Suicide gene delivery by calcium phosphate nanoparticles: A novel method of targeted therapy for gastric cancer. Cancer Biology and Therapy, 2006, 5, 1691-1692.	3.4	30
130	Detection of Vascular Adhesion Molecule-1 Expression Using a Novel Multimodal Nanoparticle. Circulation Research, 2005, 96, 327-336.	4.5	438
131	Detection of Peroxidase/H2O2-Mediated Oxidation with Enhanced Yellow Fluorescent Protein. Analytical Chemistry, 2005, 77, 2862-2867.	6.5	21
132	In Vivo Imaging of Activated Endothelium Using an Anti-VCAM-1 Magnetooptical Probe. Bioconjugate Chemistry, 2005, 16, 576-581.	3.6	155
133	Magnetic Relaxation Switch Immunosensors Detect Enantiomeric Impurities. Angewandte Chemie - International Edition, 2004, 43, 2395-2399.	13.8	115
134	Peroxidase Substrate Nanosensors for MR Imaging. Nano Letters, 2004, 4, 119-122.	9.1	130
135	Dual FRET molecular beacons for mRNA detection in living cells. Nucleic Acids Research, 2004, 32, e57-e57.	14.5	339
136	Hybridization kinetics and thermodynamics of molecular beacons. Nucleic Acids Research, 2003, 31, 1319-1330.	14.5	278
137	Spectroscopic Features of Dual Fluorescence/Luminescence Resonance Energy-Transfer Molecular Beacons. Analytical Chemistry, 2003, 75, 3697-3703.	6.5	99
138	Shedding light on health and disease using molecular beacons. Briefings in Functional Genomics & Proteomics, 2003, 1, 372-384.	3.8	29
139	The Development of Non-Radiative Probes for In Vivo Applications. , 2003, , .		0
140	Hybridization of 2'-O-methyl and 2'-deoxy molecular beacons to RNA and DNA targets. Nucleic Acids Research, 2003, 31, 5168-74.	14.5	13
141	Hybridization of 2'-O-methyl and 2'-deoxy molecular beacons to RNA and DNA targets. Nucleic Acids Research, 2002, 30, 5168-5174.	14.5	102
142	Structure-function relationships of shared-stem and conventional molecular beacons. Nucleic Acids Research, 2002, 30, 4208-4215.	14.5	127
143	Hybridization of 2'-O-methyl and 2'-deoxy molecular beacons to RNA and DNA targets. Nucleic Acids Research, 2002, 30, 5168-74.	14.5	42