

# Andrew Tsourkas

## List of Publications by Year in descending order

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143  
papers

9,642  
citations

38720

50  
h-index

38368

95  
g-index

149  
all docs

149  
docs citations

149  
times ranked

13829  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytosolic Delivery of Small Protein Scaffolds Enables Efficient Inhibition of Ras and Myc. <i>Molecular Pharmaceutics</i> , 2022, 19, 1104-1116.	2.3	6
2	Superoxide dismutase-loaded porous polymersomes as highly efficient antioxidant nanoparticles targeting synovium for osteoarthritis therapy. <i>Biomaterials</i> , 2022, 283, 121437.	5.7	34
3	Rapid Production of Bispecific Antibodies from Off-the-Shelf IgGs with High Yield and Purity. <i>Bioconjugate Chemistry</i> , 2022, 33, 134-141.	1.8	5
4	Rapid, site-specific labeling of “off-the-shelf” and native serum autoantibodies with T cell “redirecting domains. <i>Science Advances</i> , 2022, 8, eabn4613.	4.7	2
5	Magnetic Nanoparticles. , 2021, , 679-698.		1
6	Superoxide Dismutase-Loaded Nanoparticles Attenuate Myocardial Ischemia-Reperfusion Injury and Protect against Chronic Adverse Ventricular Remodeling. <i>Advanced Therapeutics</i> , 2021, 4, 2100036.	1.6	10
7	Phospholipase A <sub>2</sub> inhibitor-loaded micellar nanoparticles attenuate inflammation and mitigate osteoarthritis progression. <i>Science Advances</i> , 2021, 7, .	4.7	33
8	Efficient Labeling of Native Human IgG by Proximity-Based Sortase-Mediated Isopeptide Ligation. <i>Bioconjugate Chemistry</i> , 2021, 32, 1058-1066.	1.8	12
9	Targeting cartilage EGFR pathway for osteoarthritis treatment. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	83
10	Biophysical Considerations in the Rational Design and Cellular Targeting of Flexible Polymeric Nanoparticles. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101290.	1.9	2
11	Biophysical Considerations in the Rational Design and Cellular Targeting of Flexible Polymeric Nanoparticles ( <i>Adv. Mater. Interfaces</i> 23/2021). <i>Advanced Materials Interfaces</i> , 2021, 8, .	1.9	0
12	Use of Oppositely Polarized External Magnets To Improve the Accumulation and Penetration of Magnetic Nanocarriers into Solid Tumors. <i>ACS Nano</i> , 2020, 14, 142-152.	7.3	59
13	Combined fluorescence-guided surgery and photodynamic therapy for glioblastoma multiforme using cyanine and chlorin nanocluster. <i>Journal of Neuro-Oncology</i> , 2020, 149, 243-252.	1.4	15
14	Phospholipase A <sub>2</sub> Inhibitor-Loaded Phospholipid Micelles Abolish Neuropathic Pain. <i>ACS Nano</i> , 2020, 14, 8103-8115.	7.3	16
15	Evaluation of Diagnostic Accuracy Following the Coadministration of Delta-Aminolevulinic Acid and Second Window Indocyanine Green in Rodent and Human Glioblastomas. <i>Molecular Imaging and Biology</i> , 2020, 22, 1266-1279.	1.3	11
16	Indocyanine Green-Coated Polycaprolactone Micelles for Fluorescence Imaging of Tumors. <i>ACS Applied Bio Materials</i> , 2020, 3, 2344-2349.	2.3	12
17	Quantitative Control of Gene-Engineered T-Cell Activity through the Covalent Attachment of Targeting Ligands to a Universal Immune Receptor. <i>Journal of the American Chemical Society</i> , 2020, 142, 6554-6568.	6.6	36
18	Iron imaging in myocardial infarction reperfusion injury. <i>Nature Communications</i> , 2020, 11, 3273.	5.8	22

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19	Biodegradable Gold Nanoclusters with Improved Excretion Due to pH-Triggered Hydrophobic-to-Hydrophilic Transition. <i>Journal of the American Chemical Society</i> , 2020, 142, 7783-7794.	6.6	40
20	Indocyanine Green-Coated Gold Nanoclusters for Photoacoustic Imaging and Photothermal Therapy. <i>Advanced Therapeutics</i> , 2019, 2, 1900088.	1.6	29
21	Activatable Hybrid Polyphosphazene-AuNP Nanoprobe for ROS Detection by Bimodal PA/CT Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 28648-28656.	4.0	45
22	Cytosolic delivery of inhibitory antibodies with cationic lipids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22132-22139.	3.3	39
23	Dextran-Benzoporphyrin Derivative (BPD) Coated Superparamagnetic Iron Oxide Nanoparticle (SPION) Micelles for T <sub>2</sub> -Weighted Magnetic Resonance Imaging and Photodynamic Therapy. <i>Bioconjugate Chemistry</i> , 2019, 30, 2974-2981.	1.8	35
24	Use of magnetic fields and nanoparticles to trigger drug release and improve tumor targeting. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019, 11, e1571.	3.3	97
25	Site-Specific C-Terminal Labeling of Recombinant Proteins with Proximity-Based Sortase-Mediated Ligation (PBSL). <i>Methods in Molecular Biology</i> , 2019, 2012, 15-28.	0.4	0
26	Overcoming the Limitations of Sortase with Proximity-Based Sortase-Mediated Ligation (PBSL). <i>Methods in Molecular Biology</i> , 2019, 2008, 165-177.	0.4	3
27	Chlorin e6-Coated Superparamagnetic Iron Oxide Nanoparticle (SPION) Nanoclusters as a Theranostic Agent for Dual-Mode Imaging and Photodynamic Therapy. <i>Scientific Reports</i> , 2019, 9, 2613.	1.6	74
28	Antibody-Linked Fluorogen-Activating Proteins for Antigen Detection and Cell Ablation. <i>Bioconjugate Chemistry</i> , 2019, 30, 63-69.	1.8	10
29	Optimization of Second Window Indocyanine Green for Intraoperative Near-Infrared Imaging of Thoracic Malignancy. <i>Journal of the American College of Surgeons</i> , 2019, 228, 188-197.	0.2	45
30	An Integrated Stress Response Agent that Modulates DR5-Dependent TRAIL Synergy Reduces Patient-Derived Glioma Stem Cell Viability. <i>Molecular Cancer Research</i> , 2019, 17, 1102-1114.	1.5	7
31	Site-Specific Photocrosslinking to Immunoglobulin G Using Photoreactive Antibody-Binding Domains. <i>Methods in Molecular Biology</i> , 2019, 2033, 275-286.	0.4	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. <i>Journal of Controlled Release</i> , 2018, 279, 243-250.	4.8	43
34	Protoporphyrin IX (PpIX)-Coated Superparamagnetic Iron Oxide Nanoparticle (SPION) Nanoclusters for Magnetic Resonance Imaging and Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1707030.	7.8	84
35	Molecular engineering of antibodies for site-specific covalent conjugation using CRISPR/Cas9. <i>Scientific Reports</i> , 2018, 8, 1760.	1.6	32
36	Ferritin Nanocages with Biologically Orthogonal Conjugation for Vascular Targeting and Imaging. <i>Bioconjugate Chemistry</i> , 2018, 29, 1209-1218.	1.8	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.	0.9	8
38	Site-Specific Modification of Single-Chain Antibody Fragments for Bioconjugation and Vascular Immunotargeting. Bioconjugate Chemistry, 2018, 29, 56-66.	1.8	26
39	Quantifying Gene Expression in Living Cells with Ratiometric Bimolecular Beacons. Methods in Molecular Biology, 2018, 1649, 231-242.	0.4	4
40	Radiofrequency-Triggered Drug Release from Nanoliposomes with Millimeter-Scale Resolution Using a Superimposed Static Gating Field. Small, 2018, 14, e1802563.	5.2	30
41	Wulff in a cage gold nanoparticles as contrast agents for computed tomography and photoacoustic imaging. Nanoscale, 2018, 10, 18749-18757.	2.8	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.	6.6	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.	6.6	92
44	Improved Photodynamic Therapy Efficacy of Protoporphyrin IX-Loaded Polymeric Micelles Using Erlotinib Pretreatment. Biomacromolecules, 2017, 18, 1836-1844.	2.6	44
45	Proximity-Based Sortase-Mediated Ligation. Angewandte Chemie - International Edition, 2017, 56, 5349-5352.	7.2	44
46	Microfluidic diafiltration-on-chip using an integrated magnetic peristaltic micropump. Lab on A Chip, 2017, 17, 3796-3803.	3.1	19
47	Superoxide Dismutase-Loaded Porous Polymersomes as Highly Efficient Antioxidants for Treating Neuropathic Pain. Advanced Healthcare Materials, 2017, 6, 1700500.	3.9	41
48	Photoacoustic-Guided Surgery with Indocyanine Green-Coated Superparamagnetic Iron Oxide Nanoparticle Clusters. Small, 2017, 13, 1701300.	5.2	55
49	Proximity-Based Sortase-Mediated Ligation. Angewandte Chemie, 2017, 129, 5433-5436.	1.6	3
50	Increasing the Therapeutic Efficacy of Radiotherapy Using Nanoparticles. Cancer Drug Discovery and Development, 2017, , 241-265.	0.2	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.	0.4	1
53	Theranostic Application of Mixed Gold and Superparamagnetic Iron Oxide Nanoparticle Micelles in Glioblastoma Multiforme. Journal of Biomedical Nanotechnology, 2016, 12, 347-356.	0.5	94
54	Development of silica-encapsulated silver nanoparticles as contrast agents intended for dual-energy mammography. European Radiology, 2016, 26, 3301-3309.	2.3	34

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55	A pH-Responsive Drug-Delivery Platform Based on Glycol Chitosan-Coated Liposomes. <i>Small</i> , 2015, 11, 4870-4874.	5.2	107
56	Superparamagnetic Iron Oxide Nanoparticle Micelles Stabilized by Recombinant Oleosin for Targeted Magnetic Resonance Imaging. <i>Small</i> , 2015, 11, 1409-1413.	5.2	32
57	Single-Cell Detection of mRNA Expression Using Nanofountain-Probe Electroporated Molecular Beacons. <i>Small</i> , 2015, 11, 2386-2391.	5.2	32
58	LASIC: Light Activated Site-Specific Conjugation of Native IgGs. <i>Bioconjugate Chemistry</i> , 2015, 26, 1456-1460.	1.8	60
59	PLA-responsive and SPIO-loaded phospholipid micelles. <i>Chemical Communications</i> , 2015, 51, 12313-12315.	2.2	13
60	A Novel Chitosan-Hydrogel-Based Nanoparticle Delivery System for Local Inner Ear Application. <i>Otology and Neurotology</i> , 2015, 36, 341-347.	0.7	62
61	Biodistribution, Clearance, and Toxicology of Polymeric Micelles Loaded with 0.9 or 5 nm Gold Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1836-1846.	0.5	41
62	A simple method for the synthesis of porous polymeric vesicles and their application as MR contrast agents. <i>Journal of Materials Chemistry B</i> , 2015, 3, 9277-9284.	2.9	17
63	A Multifunctional Nanoplatform for Imaging, Radiotherapy, and the Prediction of Therapeutic Response. <i>Small</i> , 2015, 11, 834-843.	5.2	54
64	Gold-Loaded Polymeric Micelles for Computed Tomography-Guided Radiation Therapy Treatment and Radiosensitization. <i>ACS Nano</i> , 2014, 8, 104-112.	7.3	193
65	Dextran coated bismuth-iron oxide nanohybrid contrast agents for computed tomography and magnetic resonance imaging. <i>Journal of Materials Chemistry B</i> , 2014, 2, 8239-8248.	2.9	102
66	Stabilized porous liposomes with encapsulated Gd-labeled dextran as a highly efficient MRI contrast agent. <i>Chemical Communications</i> , 2014, 50, 2502.	2.2	22
67	Facile Method for the Site-Specific, Covalent Attachment of Full-Length IgG onto Nanoparticles. <i>Small</i> , 2014, 10, 3354-3363.	5.2	45
68	Nanodisco Balls: Control over Surface versus Core Loading of Diagnostically Active Nanocrystals into Polymer Nanoparticles. <i>ACS Nano</i> , 2014, 8, 9143-9153.	7.3	40
69	Optimization of Photoactive Protein Z for Fast and Efficient Site-Specific Conjugation of Native IgG. <i>Bioconjugate Chemistry</i> , 2014, 25, 1709-1719.	1.8	36
70	Exploring silver as a contrast agent for contrast-enhanced dual-energy X-ray breast imaging. <i>British Journal of Radiology</i> , 2014, 87, 20140081.	1.0	25
71	Nanogel carrier design for targeted drug delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 8085-8097.	2.9	153
72	Next Generation Nanoparticles for Enhanced Radiation Therapy and Diagnostic Imaging of Brain Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, S280-S281.	0.4	0

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73	Real-time Imaging of Single Engineered RNA Transcripts in Living Cells Using Ratiometric Bimolecular Beacons. <i>Journal of Visualized Experiments</i> , 2014, , e51544.	0.2	1
74	Nanoparticles Functionalized with Collagenase Exhibit Improved Tumor Accumulation in a Murine Xenograft Model. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 1307-1312.	1.2	53
75	Monitoring Phospholipase A2 Activity with Gd-encapsulated Phospholipid Liposomes. <i>Scientific Reports</i> , 2014, 4, 6958.	1.6	22
76	Quantitative Comparison of Tumor Delivery for Multiple Targeted Nanoparticles Simultaneously by Multiplex ICP-MS. <i>Scientific Reports</i> , 2014, 4, 5840.	1.6	23
77	Imaging the Directed Transport of Single Engineered RNA Transcripts in Real-Time Using Ratiometric Bimolecular Beacons. <i>PLoS ONE</i> , 2014, 9, e85813.	1.1	7
78	Gd-Labeled Glycol Chitosan as a pH-Responsive Magnetic Resonance Imaging Agent for Detecting Acidic Tumor Microenvironments. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7862-7869.	2.9	24
79	Assessment of Global Cardiac Uptake of Radiolabeled Iron Oxide Nanoparticles in Apolipoprotein-E-Deficient Mice: Implications for Imaging Cardiovascular Inflammation. <i>Molecular Imaging and Biology</i> , 2013, 16, 330-9.	1.3	14
80	Theranostic Gold Nanoparticles Modified for Durable Systemic Circulation Effectively and Safely Enhance the Radiation Therapy of Human Sarcoma Cells and Tumors. <i>Translational Oncology</i> , 2013, 6, 722-IN32.	1.7	46
81	Effect of ligand density, receptor density, and nanoparticle size on cell targeting. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 194-201.	1.7	291
82	Sortase-Tag Expressed Protein Ligation: Combining Protein Purification and Site-Specific Bioconjugation into a Single Step. <i>Analytical Chemistry</i> , 2013, 85, 11090-11097.	3.2	80
83	Quantitative assessment of ratiometric bimolecular beacons as a tool for imaging single engineered RNA transcripts and measuring gene expression in living cells. <i>Nucleic Acids Research</i> , 2013, 41, e152-e152.	6.5	24
84	Gd-based Macromolecules and Nanoparticles as Magnetic Resonance Contrast Agents for Molecular Imaging. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 411-421.	1.0	78
85	Selective Targeting of Brain Tumors with Gold Nanoparticle-Induced Radiosensitization. <i>PLoS ONE</i> , 2013, 8, e62425.	1.1	205
86	Gold nanoparticles in radiation research: potential applications for imaging and radiosensitization. <i>Translational Cancer Research</i> , 2013, 2, 280-291.	0.4	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. <i>Nanomedicine</i> , 2012, 7, 949-952.	1.7	2
89	Biodegradable Polydisulfide Dendrimer Nanoclusters as MRI Contrast Agents. <i>ACS Nano</i> , 2012, 6, 9416-9424.	7.3	86
90	Multifunctional Nanoparticles: Cost Versus Benefit of Adding Targeting and Imaging Capabilities. <i>Science</i> , 2012, 338, 903-910.	6.0	1,166

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91	Simultaneous Quantification of Tumor Uptake for Targeted and Nontargeted Liposomes and Their Encapsulated Contents by ICPMS. <i>Analytical Chemistry</i> , 2012, 84, 7578-7582.	3.2	3
92	A Novel "Theranostic" Approach? Polymer-coated Gold Nanoparticles Show Durable Systemic Circulation, Are Readily Imaged, and Radiosensitize Human Cancer Cells and Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, S874.	0.4	1
93	Emerging role of radiolabeled nanoparticles as an effective diagnostic technique. <i>EJNMMI Research</i> , 2012, 2, 39.	1.1	120
94	Xanthine oxidase-generated hydrogen peroxide is a consequence, not a mediator of cell death. <i>FEBS Journal</i> , 2012, 279, 844-855.	2.2	14
95	ICP-MS analysis of lanthanide-doped nanoparticles as a non-radiative, multiplex approach to quantify biodistribution and blood clearance. <i>Biomaterials</i> , 2012, 33, 1509-1519.	5.7	60
96	An Examination of Silver as a Radiographic Contrast Agent in Dual-Energy Breast X-ray Imaging. <i>Lecture Notes in Computer Science</i> , 2012, , 418-425.	1.0	3
97	pH-Titratable Superparamagnetic Iron Oxide for Improved Nanoparticle Accumulation in Acidic Tumor Microenvironments. <i>ACS Nano</i> , 2011, 5, 9592-9601.	7.3	126
98	Quantification of miRNA Abundance in Single Cells Using Locked Nucleic Acid-FISH and Enzyme-Labeled Fluorescence. <i>Methods in Molecular Biology</i> , 2011, 680, 77-88.	0.4	22
99	Delivery of Molecular Beacons for Live-Cell Imaging and Analysis of RNA. <i>Methods in Molecular Biology</i> , 2011, 714, 159-174.	0.4	18
100	Improved Tumor Targeting of Polymer-Based Nanovesicles Using Polymer-Lipid Blends. <i>Bioconjugate Chemistry</i> , 2011, 22, 2021-2029.	1.8	85
101	Superparamagnetic Iron Oxide-Enhanced Magnetic Resonance Imaging of Neuroinflammation in a Rat Model of Radicular Pain. <i>Molecular Imaging</i> , 2011, 10, 7290.2010.00042.	0.7	17
102	Firefly Luciferase and Rluc8 Exhibit Differential Sensitivity to Oxidative Stress in Apoptotic Cells. <i>PLoS ONE</i> , 2011, 6, e20073.	1.1	24
103	Superparamagnetic iron oxide-enhanced magnetic resonance imaging of neuroinflammation in a rat model of radicular pain. <i>Molecular Imaging</i> , 2011, 10, 206-14.	0.7	12
104	Gadolinium-Conjugated Dendrimer Nanoclusters as a Tumor-Targeted <sup>1</sup> Magnetic Resonance Imaging Contrast Agent. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 346-350.	7.2	173
105	Examination of Folate-Targeted Liposomes with Encapsulated Poly(2-propylacrylic acid) as a pH-Responsive Nanoplatform for Cytosolic Drug Delivery. <i>Small</i> , 2010, 6, 1398-1401.	5.2	9
106	An Intein-Mediated Site-Specific Click Conjugation Strategy for Improved Tumor Targeting of Nanoparticle Systems. <i>Small</i> , 2010, 6, 2460-2468.	5.2	57
107	In Vivo, Multimodal Imaging of B Cell Distribution and Response to Antibody Immunotherapy in Mice. <i>PLoS ONE</i> , 2010, 5, e10655.	1.1	21
108	Ratiometric bimolecular beacons for the sensitive detection of RNA in single living cells. <i>Nucleic Acids Research</i> , 2010, 38, e148-e148.	6.5	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.	1.5	2
112	Imaging individual microRNAs in single mammalian cells in situ. Nucleic Acids Research, 2009, 37, e100-e100.	6.5	151
113	Sub-cellular trafficking and functionality of 2 <sup>+</sup> -O -methyl and 2 <sup>+</sup> -O -methyl-phosphorothioate molecular beacons. Nucleic Acids Research, 2009, 37, e149-e149.	6.5	34
114	Porous Polymersomes with Encapsulated Gd <sup>3+</sup> -Labeled Dendrimers as Highly Efficient MRI Contrast Agents. Advanced Functional Materials, 2009, 19, 3753-3759.	7.8	94
115	Imaging circulating cells and lymphoid tissues with iron oxide nanoparticles. Hematology American Society of Hematology Education Program, 2009, 2009, 720-726.	0.9	85
116	Fluorescent Probes for Live-Cell RNA Detection. Annual Review of Biomedical Engineering, 2009, 11, 25-47.	5.7	217
117	IMAGING RNA IN LIVING CELLS WITH MOLECULAR BEACONS: CURRENT PERSPECTIVES AND CHALLENGES. Journal of Innovative Optical Health Sciences, 2009, 02, 315-324.	0.5	9
118	Comparative Analysis of Nanoparticle-Antibody Conjugations: Carbodiimide Versus Click Chemistry. Molecular Imaging, 2009, 8, 7290.2009.00021.	0.7	71
119	Comparative analysis of nanoparticle-antibody conjugations: carbodiimide versus click chemistry. Molecular Imaging, 2009, 8, 221-9.	0.7	31
120	Size, charge and concentration dependent uptake of iron oxide particles by non-phagocytic cells. Biomaterials, 2008, 29, 3583-3590.	5.7	345
121	Assessing the Sensitivity of Commercially Available Fluorophores to the Intracellular Environment. Analytical Chemistry, 2008, 80, 7437-7444.	3.2	56
122	Paramagnetic Porous Polymersomes. Langmuir, 2008, 24, 8169-8173.	1.6	91
123	Iron chelator-based amplification strategy for improved targeting of transferrin receptor with SPIO. Cancer Biology and Therapy, 2008, 7, 889-895.	1.5	10
124	Efficient cytosolic delivery of molecular beacon conjugates and flow cytometric analysis of target RNA. Nucleic Acids Research, 2008, 36, e69-e69.	6.5	73
125	In vivo imaging of cancer biomarkers using activatable molecular probes. Cancer Biomarkers, 2008, 4, 287-305.	0.8	71
126	Molecular Imaging of Cancer with Superparamagnetic Iron-Oxide Nanoparticles. , 2008, , 85-95.		4



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127	Avoiding false-positive signals with nuclease-vulnerable molecular beacons in single living cells. <i>Nucleic Acids Research</i> , 2007, 35, e105.	6.5	122
128	Superparamagnetic Iron Oxide Nanoparticle Probes for Molecular Imaging. <i>Annals of Biomedical Engineering</i> , 2006, 34, 23-38.	1.3	675
129	Suicide gene delivery by calcium phosphate nanoparticles: A novel method of targeted therapy for gastric cancer. <i>Cancer Biology and Therapy</i> , 2006, 5, 1691-1692.	1.5	30
130	Detection of Vascular Adhesion Molecule-1 Expression Using a Novel Multimodal Nanoparticle. <i>Circulation Research</i> , 2005, 96, 327-336.	2.0	438
131	Detection of Peroxidase/H <sub>2</sub> O <sub>2</sub> -Mediated Oxidation with Enhanced Yellow Fluorescent Protein. <i>Analytical Chemistry</i> , 2005, 77, 2862-2867.	3.2	21
132	In Vivo Imaging of Activated Endothelium Using an Anti-VCAM-1 Magneto-optical Probe. <i>Bioconjugate Chemistry</i> , 2005, 16, 576-581.	1.8	155
133	Magnetic Relaxation Switch Immunosensors Detect Enantiomeric Impurities. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2395-2399.	7.2	115
134	Peroxidase Substrate Nanosensors for MR Imaging. <i>Nano Letters</i> , 2004, 4, 119-122.	4.5	130
135	Dual FRET molecular beacons for mRNA detection in living cells. <i>Nucleic Acids Research</i> , 2004, 32, e57-e57.	6.5	339
136	Hybridization kinetics and thermodynamics of molecular beacons. <i>Nucleic Acids Research</i> , 2003, 31, 1319-1330.	6.5	278
137	Spectroscopic Features of Dual Fluorescence/Luminescence Resonance Energy-Transfer Molecular Beacons. <i>Analytical Chemistry</i> , 2003, 75, 3697-3703.	3.2	99
138	Shedding light on health and disease using molecular beacons. <i>Briefings in Functional Genomics &amp; Proteomics</i> , 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. <i>Nucleic Acids Research</i> , 2003, 31, 5168-74.	6.5	13
141	Hybridization of 2'-O-methyl and 2'-deoxy molecular beacons to RNA and DNA targets. <i>Nucleic Acids Research</i> , 2002, 30, 5168-5174.	6.5	102
142	Structure-function relationships of shared-stem and conventional molecular beacons. <i>Nucleic Acids Research</i> , 2002, 30, 4208-4215.	6.5	127
143	Hybridization of 2'-O-methyl and 2'-deoxy molecular beacons to RNA and DNA targets. <i>Nucleic Acids Research</i> , 2002, 30, 5168-74.	6.5	42