Y Andrew Wang

List of Publications by Year
in descending order

33 papers	7,243 citations	201674 27 h-index	395702 33 g-index
33 all docs	33 docs citations	33 times ranked	9698 citing authors

#	Article	IF	Citations
1	Dual-targeting Wnt and uPA receptors using peptide conjugated ultra-small nanoparticle drug carriers inhibited cancer stem-cell phenotype in chemo-resistant breast cancer. Biomaterials, 2018, 152, 47-62.	11.4	72
2	Preclinical evaluation of a urokinase plasminogen activator receptor-targeted nanoprobe in rhesus monkeys. International Journal of Nanomedicine, 2015, 10, 6689.	6.7	9
3	Theranostic Nanoparticles Carrying Doxorubicin Attenuate Targeting Ligand Specific Antibody Responses Following Systemic Delivery. Theranostics, 2015, 5, 43-61.	10.0	26
4	IGF1 Receptor Targeted Theranostic Nanoparticles for Targeted and Image-Guided Therapy of Pancreatic Cancer. ACS Nano, 2015, 9, 7976-7991.	14.6	136
5	uPAR-targeted Optical Imaging Contrasts as Theranostic Agents for Tumor Margin Detection. Theranostics, 2014, 4, 106-118.	10.0	69
6	Active Targeting Using HERâ€2â€Affibodyâ€Conjugated Nanoparticles Enabled Sensitive and Specific Imaging of Orthotopic HERâ€2 Positive Ovarian Tumors. Small, 2014, 10, 544-555.	10.0	62
7	MR Imaging Enables Measurement of Therapeutic Nanoparticle Uptake in Rat N1-S1 Liver Tumors after Nanoablation. Journal of Vascular and Interventional Radiology, 2014, 25, 1288-1294.	0.5	3
8	Image-Guided Local Delivery Strategies Enhance Therapeutic Nanoparticle Uptake in Solid Tumors. ACS Nano, 2013, 7, 7724-7733.	14.6	50
9	Cadmium-free quantum dots as time-gated bioimaging probes in highly-autofluorescent human breast cancer cells. Chemical Communications, 2013, 49, 624-626.	4.1	86
10	Targeted Delivery of siRNAâ€Generating DNA Nanocassettes Using Multifunctional Nanoparticles. Small, 2013, 9, 1964-1973.	10.0	30
11	DOT corrected fluorescence molecular tomography using targeted contrast agents for small animal tumor imaging. Journal of X-Ray Science and Technology, 2013, 21, 43-52.	1.0	4
12	T₁â€weighted ultrashort echo time method for positive contrast imaging of magnetic nanoparticles and cancer cells bound with the targeted nanoparticles. Journal of Magnetic Resonance Imaging, 2011, 33, 194-202.	3.4	40
13	Synthesis and grafting of folateâ€“PEGâ€“PAMAM conjugates onto quantum dots for selective targeting of folate-receptor-positive tumor cells. Journal of Colloid and Interface Science, 2010, 350, 44-50.	9.4	68
14	Quantum Dots with Multivalent and Compact Polymer Coatings for Efficient Fluorescence Resonance Energy Transfer and Self-Assembled Biotagging. Chemistry of Materials, 2010, 22, 4372-4378.	6.7	50
15	Shell-Dependent Energy Transfer from 1,3,5-Tris(<i>N</i>-phenylbenzimidazol-2,yl) Benzene to CdSe Core/Shell Quantum Dots. Journal of Physical Chemistry C, 2010, 114, 19256-19262.	3.1	22
16	Superparamagnetic Iron Oxide Nanotheranostics for Targeted Cancer Cell Imaging and pH-Dependent Intracellular Drug Release. Molecular Pharmaceutics, 2010, 7, 1974-1984.	4.6	124
17	Single Chain Epidermal Growth Factor Receptor Antibody Conjugated Nanoparticles for in vivo Tumor Targeting and Imaging. Small, 2009, 5, 235-243.	10.0	315
18	Architecture of stable and water-soluble CdSe/ZnS coreâ€“shell dendron nanocrystals via ligand exchange. Journal of Colloid and Interface Science, 2009, 339, 336-343.	9.4	25

#	ARTICLE	IF	CITATIONS
19	Biocompatible Polysiloxane-Containing Diblock Copolymer PEO-<i>b</i>-PÎ³MPS for Coating Magnetic Nanoparticles. ACS Applied Materials & Interfaces, 2009, 1, 2134-2140.	8.0	46
20	Photoluminescence Quenching of CdSe Core/Shell Quantum Dots by Hole Transporting Materials. Journal of Physical Chemistry C, 2009, 113, 1886-1890.	3.1	43
21	Aptamer-Based Detection of Epithelial Tumor Marker Mucin 1 with Quantum Dot-Based Fluorescence Readout. Analytical Chemistry, 2009, 81, 6130-6139.	6.5	170
22	Receptor-Targeted Nanoparticles for <i>In vivo</i> Imaging of Breast Cancer. Clinical Cancer Research, 2009, 15, 4722-4732.	7.0	210
23	Reexamining the Effects of Particle Size and Surface Chemistry on the Magnetic Properties of Iron Oxide Nanocrystals: New Insights into Spin Disorder and Proton Relaxivity. Journal of Physical Chemistry C, 2008, 112, 8127-8131.	3.1	233
24	Two-photon-pumped lasing from colloidal nanocrystal quantum dots. Optics Letters, 2008, 33, 2437.	3.3	41
25	Development of Receptor Targeted Magnetic Iron Oxide Nanoparticles for Efficient Drug Delivery and Tumor Imaging. Journal of Biomedical Nanotechnology, 2008, 4, 439-449.	1.1	99
26	Bright, multicoloured light-emitting diodes based on quantum dots. Nature Photonics, 2007, 1, 717-722.	31.4	1,042
27	Highly Luminescent, Stable, and Water-Soluble CdSe/CdS Coreâ˘Shell Dendron Nanocrystals with Carboxylate Anchoring Groups. Langmuir, 2006, 22, 6341-6345.	3.5	85
28	Large-Scale Synthesis of Nearly Monodisperse CdSe/CdS Core/Shell Nanocrystals Using Air-Stable Reagents via Successive Ion Layer Adsorption and Reaction. Journal of the American Chemical Society, 2003, 125, 12567-12575.	13.7	1,468
29	Formation and Stability of Size-, Shape-, and Structure-Controlled CdTe Nanocrystals:Â Ligand Effects on Monomers and Nanocrystals. Chemistry of Materials, 2003, 15, 4300-4308.	6.7	752
30	Luminescent CdSe/CdS Core/Shell Nanocrystals in Dendron Boxes:Â Superior Chemical, Photochemical and Thermal Stability. Journal of the American Chemical Society, 2003, 125, 3901-3909.	13.7	308
31	Conjugation Chemistry and Bioapplications of Semiconductor Box Nanocrystals Prepared via Dendrimer Bridging. Chemistry of Materials, 2003, 15, 3125-3133.	6.7	197
32	Stabilization of Inorganic Nanocrystals by Organic Dendrons. Journal of the American Chemical Society, 2002, 124, 2293-2298.	13.7	316
33	Photochemical Instability of CdSe Nanocrystals Coated by Hydrophilic Thiols. Journal of the American Chemical Society, 2001, 123, 8844-8850.	13.7	1,042