

Hak Soo Choi

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

13,762
citations

38742

50
h-index

20961

115
g-index

158
all docs

158
docs citations

158
times ranked

16328
citing authors

#	ARTICLE	IF	CITATIONS
1	Quickly evolving near-infrared photoimmunotherapy provides multifaceted approach to modern cancer treatment. <i>View</i> , 2022, 3, 20200110.	5.3	28
2	Tumor-Associated Immune-Cell-Mediated Tumor-Targeting Mechanism with NIR-Fluorescence Imaging. <i>Advanced Materials</i> , 2022, 34, e2106500.	21.0	36
3	Fast and Durable Intraoperative Near-Infrared Imaging of Ovarian Cancer Using Ultrabright Squaraine Fluorophores. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	10
4	Fast and Durable Intraoperative Near-Infrared Imaging of Ovarian Cancer Using Ultrabright Squaraine Fluorophores. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
5	QuatCy- ₂ and MH- ₂ in Photodynamic Therapy. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 470-474.	2.8	3
6	Highly sensitive near-infrared SERS nanoprobe for in vivo imaging using gold-assembled silica nanoparticles with controllable nanogaps. <i>Journal of Nanobiotechnology</i> , 2022, 20, 130.	9.1	26
7	Injectable Thermosensitive Hydrogels for a Sustained Release of Iron Nano-chelators. <i>Advanced Science</i> , 2022, 9, e2200872.	11.2	27
8	Novel Quantification of Real-Time Lymphatic Clearance: Immediate Lymphatic Reconstruction in a Large-Animal Model. <i>Plastic and Reconstructive Surgery</i> , 2022, 149, 130-141.	1.4	2
9	Reversal of genetic brain iron accumulation by N,N ² -bis(2-mercaptoethyl)isophthalamide, a lipophilic metal chelator, in mice. <i>Archives of Toxicology</i> , 2022, , 1.	4.2	3
10	Topical pH Sensing NIR Fluorophores for Intraoperative Imaging and Surgery of Disseminated Ovarian Cancer. <i>Advanced Science</i> , 2022, 9, e2201416.	11.2	11
11	Neuroimaging Modalities in Alzheimer's Disease: Diagnosis and Clinical Features. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6079.	4.1	19
12	A small molecule redistributes iron in ferroportin-deficient mice and patient-derived primary macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	11
13	Fluorescent nanodiamond-hyaluronate conjugates for target-specific molecular imaging. <i>RSC Advances</i> , 2021, 11, 23073-23081.	3.6	5
14	Enhancement of Wound Healing Efficacy by Increasing the Stability and Skin-Penetrating Property of bFGF Using 30Kc191-Based Fusion Protein. <i>Advanced Biology</i> , 2021, 5, e2000176.	2.5	5
15	Non-invasive in vivo monitoring of transplanted stem cells in 3D-bioprinted constructs using near-infrared fluorescent imaging. <i>Bioengineering and Translational Medicine</i> , 2021, 6, e10216.	7.1	9
16	ZW800-PEG: A Renal Clearable Zwitterionic Near-Infrared Fluorophore for Potential Clinical Translation. <i>Angewandte Chemie</i> , 2021, 133, 13966-13971.	2.0	5
17	ZW800-PEG: A Renal Clearable Zwitterionic Near-Infrared Fluorophore for Potential Clinical Translation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13847-13852.	13.8	36
18	Endogenous Stem Cell-Based In Situ Tissue Regeneration Using Electrostatically Interactive Hydrogel with a Newly Discovered Substance P Analog and VEGF-Mimicking Peptide. <i>Small</i> , 2021, 17, e2103244.	10.0	11

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19	Near-Infrared Fluorescence Imaging of Carotid Plaques in an Atherosclerotic Murine Model. <i>Biomolecules</i> , 2021, 11, 1753.	4.0	1
20	Colony-stimulating factor 1 and its receptor are new potential therapeutic targets for allergic asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 357-369.	5.7	25
21	Renal Clearable Theranostic Nanoplatfoms for Gastrointestinal Stromal Tumors. <i>Advanced Materials</i> , 2020, 32, e1905899.	21.0	34
22	Mini-Platform for Off-On Near-Infrared Fluorescence Imaging Using Peptide-Targeting Ligands. <i>Bioconjugate Chemistry</i> , 2020, 31, 721-728.	3.6	9
23	Role of Albumin in Accumulation and Persistence of Tumor-Seeking Cyanine Dyes. <i>Bioconjugate Chemistry</i> , 2020, 31, 248-259.	3.6	67
24	Fluorometric Imaging for Early Diagnosis and Prognosis of Rheumatoid Arthritis. <i>Advanced Science</i> , 2020, 7, 1902267.	11.2	12
25	Size-Dependent EPR Effect of Polymeric Nanoparticles on Tumor Targeting. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901223.	7.6	264
26	In Vivo Imaging of Click-Crosslinked Hydrogel Depots Following Intratympanic Injection. <i>Materials</i> , 2020, 13, 3070.	2.9	6
27	Rapidly photocurable silk fibroin sealant for clinical applications. <i>NPG Asia Materials</i> , 2020, 12, .	7.9	40
28	Ultrabright and Serum-Stable Squaraine Dyes. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9436-9445.	6.4	14
29	NIR fluorescence for monitoring in vivo scaffold degradation along with stem cell tracking in bone tissue engineering. <i>Biomaterials</i> , 2020, 258, 120267.	11.4	40
30	3D Printing and NIR Fluorescence Imaging Techniques for the Fabrication of Implants. <i>Materials</i> , 2020, 13, 4819.	2.9	6
31	Enzyme-amplified SERS immunoassay with Ag-Au bimetallic SERS hot spots. <i>Nano Research</i> , 2020, 13, 3338-3346.	10.4	56
32	Small Molecules for Multi-Wavelength Near-Infrared Fluorescent Mapping of Regional and Sentinel Lymph Nodes in Colorectal Cancer Staging. <i>Frontiers in Oncology</i> , 2020, 10, 586112.	2.8	1
33	Combating iron overload: a case for deferoxamine-based nanochelators. <i>Nanomedicine</i> , 2020, 15, 1341-1356.	3.3	21
34	Facile formulation of a long-wavelength cyanine for optical imaging in the second near-infrared window. <i>Biomaterials Science</i> , 2020, 8, 4199-4205.	5.4	16
35	Peroxidase-Like Nanozymes Induce a Novel Form of Cell Death and Inhibit Tumor Growth In Vivo. <i>Advanced Functional Materials</i> , 2020, 30, 2000647.	14.9	49
36	Multispectral image-guided surgery in patients. <i>Nature Biomedical Engineering</i> , 2020, 4, 245-246.	22.5	37

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37	Near-infrared fluorescence imaging in immunotherapy. <i>Advanced Drug Delivery Reviews</i> , 2020, 167, 121-134.	13.7	84
38	A Hybrid Speller Design Using Eye Tracking and SSVEP Brain-Computer Interface. <i>Sensors</i> , 2020, 20, 891.	3.8	32
39	Rapid and Selective Targeting of Heterogeneous Pancreatic Neuroendocrine Tumors. <i>IScience</i> , 2020, 23, 101006.	4.1	8
40	High-throughput single-cell live imaging of photobiomodulation with multispectral near-infrared lasers in cultured T cells. <i>Journal of Biomedical Optics</i> , 2020, 25, 1.	2.6	10
41	Prognostic imaging of iatrogenic and traumatic ureteral injury by near-infrared fluorescence. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1056-1065.	2.0	11
42	Chemical Modulation of Bioengineered Exosomes for Tissue-Specific Biodistribution. <i>Advanced Therapeutics</i> , 2019, 2, 1900111.	3.2	26
43	Renal clearable nanochelators for iron overload therapy. <i>Nature Communications</i> , 2019, 10, 5134.	12.8	83
44	Targeted molecular imaging of TLR4 in hepatocellular carcinoma using zwitterionic near-infrared fluorophores. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1548-1555.	2.0	18
45	Targeted Near-Infrared Fluorescence Imaging for Regenerative Medicine. <i>Tissue Engineering and Regenerative Medicine</i> , 2019, 16, 433-442.	3.7	10
46	P2X7 PET Radioligand ¹⁸ F-PTTP for Differentiation of Lung Tumor from Inflammation. <i>Journal of Nuclear Medicine</i> , 2019, 60, 930-936.	5.0	22
47	An injectable, click-crosslinked, cytomodulin-modified hyaluronic acid hydrogel for cartilage tissue engineering. <i>NPG Asia Materials</i> , 2019, 11, .	7.9	85
48	Dual-Channel Fluorescence Imaging of Hydrogel Degradation and Tissue Regeneration in the Brain. <i>Theranostics</i> , 2019, 9, 4255-4264.	10.0	29
49	An injectable cationic hydrogel electrostatically interacted with BMP2 to enhance in vivo osteogenic differentiation of human turbinate mesenchymal stem cells. <i>Materials Science and Engineering C</i> , 2019, 103, 109853.	7.3	11
50	Real-Time Imaging of Vaccine Biodistribution Using Zwitterionic NIR Nanoparticles. <i>Advanced Healthcare Materials</i> , 2019, 8, 1900035.	7.6	10
51	QuatCy: A Heptamethine Cyanine Modification With Improved Characteristics. <i>Theranostics</i> , 2019, 9, 2856-2867.	10.0	51
52	Lysosome-Targeted Bioprobes for Sequential Cell Tracking from Macroscopic to Microscopic Scales. <i>Advanced Materials</i> , 2019, 31, e1806216.	21.0	24
53	Zwitterionic near-infrared fluorophore-conjugated epidermal growth factor for fast, real-time, and target-cell-specific cancer imaging. <i>Theranostics</i> , 2019, 9, 1085-1095.	10.0	10
54	Fluorescence Lifetime-Based Tumor Contrast Enhancement Using an EGFR Antibody-Labeled Near-Infrared Fluorophore. <i>Clinical Cancer Research</i> , 2019, 25, 6653-6661.	7.0	24

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55	Highly-Soluble Cyanine J-aggregates Entrapped by Liposomes for <i>In Vivo</i> Optical Imaging around 930 nm. <i>Theranostics</i> , 2019, 9, 381-390.	10.0	33
56	Light-responsive nanomedicine for biophotonic imaging and targeted therapy. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 133-147.	13.7	106
57	Real-Time Fluorescence Imaging in Thoracic Surgery. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 52, 205-220.	0.6	7
58	Multivalent mannose-decorated NIR nanoprobes for targeting pan lymph nodes. <i>Chemical Engineering Journal</i> , 2018, 340, 51-57.	12.7	22
59	Real-Time Imaging of Brain Tumor for Image-Guided Surgery. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800066.	7.6	67
60	Fluorescence molecular imaging systems for intraoperative image-guided surgery. <i>Applied Spectroscopy Reviews</i> , 2018, 53, 349-359.	6.7	22
61	Optical spectroscopic imaging for cell therapy and tissue engineering. <i>Applied Spectroscopy Reviews</i> , 2018, 53, 360-375.	6.7	18
62	A novel pilot animal model for the surgical prevention of lymphedema: the power of optical imaging. <i>Journal of Surgical Research</i> , 2018, 221, 285-292.	1.6	10
63	A Comparison of [99mTc]Duramycin and [99mTc]Annexin V in SPECT/CT Imaging Atherosclerotic Plaques. <i>Molecular Imaging and Biology</i> , 2018, 20, 249-259.	2.6	25
64	Theranostic nanosystems for targeted cancer therapy. <i>Nano Today</i> , 2018, 23, 59-72.	11.9	86
65	Intraoperative biophotonic imaging systems for image-guided interventions. <i>Nanophotonics</i> , 2018, 8, 99-116.	6.0	40
66	Development of a smartphone-based rapid dual fluorescent diagnostic system for the simultaneous detection of influenza A and H5 subtype in avian influenza A-infected patients. <i>Theranostics</i> , 2018, 8, 6132-6148.	10.0	29
67	Bioengineered H-Ferritin Nanocages for Quantitative Imaging of Vulnerable Plaques in Atherosclerosis. <i>ACS Nano</i> , 2018, 12, 9300-9308.	14.6	43
68	Cross-linked electrospun cartilage acellular matrix/poly(caprolactone-co-lactide-co-glycolide) nanofiber as an antiadhesive barrier. <i>Acta Biomaterialia</i> , 2018, 74, 192-206.	8.3	18
69	Airway Epithelial Cell-Derived Colony Stimulating Factor-1 Promotes Allergen Sensitization. <i>Immunity</i> , 2018, 49, 275-287.e5.	14.3	57
70	Renally-Clearable Polymeric Nanochelator for Iron Overload Therapy. <i>FASEB Journal</i> , 2018, 32, 571.7.	0.5	0
71	PSMA-targeted contrast agents for intraoperative imaging of prostate cancer,. <i>Chemical Communications</i> , 2017, 53, 1611-1614.	4.1	34
72	Determination of renal function and injury using near-infrared fluorimetry in experimental cardiorenal syndrome. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, F629-F639.	2.7	19

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73	Intraoperative Near-Infrared Fluorescence Imaging of Thymus in Preclinical Models. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1132-1141.	1.3	4
74	Single Microfluidic Electrochemical Sensor System for Simultaneous Multi-Pulmonary Hypertension Biomarker Analyses. <i>Scientific Reports</i> , 2017, 7, 7545.	3.3	34
75	Bioimaging of botulinum toxin and hyaluronate hydrogels using zwitterionic near-infrared fluorophores. <i>Biomaterials Research</i> , 2017, 21, 15.	6.9	7
76	qF-SSOP: real-time optical property corrected fluorescence imaging. <i>Biomedical Optics Express</i> , 2017, 8, 3597.	2.9	39
77	Antigen-responsive molecular sensor enables real-time tumor-specific imaging. <i>Theranostics</i> , 2017, 7, 952-961.	10.0	14
78	Smartphone-Based Fluorescent Diagnostic System for Highly Pathogenic H5N1 Viruses. <i>Theranostics</i> , 2016, 6, 231-242.	10.0	91
79	Near-Infrared Illumination of Native Tissues for Image-Guided Surgery. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 5311-5323.	6.4	46
80	Site-Specific In Vivo Bioorthogonal Ligation via Chemical Modulation. <i>Advanced Healthcare Materials</i> , 2016, 5, 2510-2516.	7.6	9
81	Tissue-Specific Near-Infrared Fluorescence Imaging. <i>Accounts of Chemical Research</i> , 2016, 49, 1731-1740.	15.6	308
82	Endocrine-specific NIR fluorophores for adrenal gland targeting. <i>Chemical Communications</i> , 2016, 52, 10305-10308.	4.1	24
83	Renal Clearable Organic Nanocarriers for Bioimaging and Drug Delivery. <i>Advanced Materials</i> , 2016, 28, 8162-8168.	21.0	122
84	An efficient strategy to enhance binding affinity and specificity of a known isozyme inhibitor. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6833-6839.	2.8	11
85	Synchronized tracking of brain cognitive processing using EEG and vision signals. <i>Applied Spectroscopy Reviews</i> , 2016, 51, 592-602.	6.7	1
86	Bioengineered Magnetoferritin Nanoprobes for Single-Dose Nuclear-Magnetic Resonance Tumor Imaging. <i>ACS Nano</i> , 2016, 10, 4184-4191.	14.6	81
87	700-nm Zwitterionic Near-Infrared Fluorophores for Dual-Channel Image-Guided Surgery. <i>Molecular Imaging and Biology</i> , 2016, 18, 52-61.	2.6	65
88	Cartilage-Specific Near-Infrared Fluorophores for Biomedical Imaging. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8648-8652.	13.8	97
89	Pancreas-Targeted NIR Fluorophores for Dual-Channel Image-Guided Abdominal Surgery. <i>Theranostics</i> , 2015, 5, 1-11.	10.0	38
90	Charge and Hydrophobicity Effects of NIR Fluorophores on Bone-Specific Imaging. <i>Theranostics</i> , 2015, 5, 609-617.	10.0	45

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91	High-Throughput Sorting and Placement of One-Bead "One-Compound (OBOC) Libraries from Bulk to Single Wells in Organic Solvent. <i>ACS Combinatorial Science</i> , 2015, 17, 303-309.	3.8	3
92	Screening of Small Molecule Microarrays for Ligands Targeted to the Extracellular Epitopes of Living Cells. <i>Microarrays (Basel, Switzerland)</i> , 2015, 4, 53-63.	1.4	3
93	NIR fluorescent small molecules for intraoperative imaging. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2015, 7, 828-838.	6.1	70
94	Structure-inherent targeting of near-infrared fluorophores for parathyroid and thyroid gland imaging. <i>Nature Medicine</i> , 2015, 21, 192-197.	30.7	166
95	Tailored Near-Infrared Contrast Agents for Image Guided Surgery. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2845-2854.	6.4	63
96	Sentinel Lymph Node Mapping of Liver. <i>Annals of Surgical Oncology</i> , 2015, 22, 1147-1155.	1.5	21
97	Correlating Molecular Character of NIR Imaging Agents with Tissue-Specific Uptake. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4348-4356.	6.4	49
98	Pharmacokinetics, pharmacodynamics and toxicology of theranostic nanoparticles. <i>Nanoscale</i> , 2015, 7, 18848-18862.	5.6	115
99	Bioimaging of Hyaluronate "Interferon γ Conjugates Using a Non-Interfering Zwitterionic Fluorophore. <i>Biomacromolecules</i> , 2015, 16, 3054-3061.	5.4	20
100	Exponential growth of publications on carbon nanodots by Chinese authors. <i>Journal of Thoracic Disease</i> , 2015, 7, E201-5.	1.4	10
101	Prototype Nerve-Specific Near-Infrared Fluorophores. <i>Theranostics</i> , 2014, 4, 823-833.	10.0	81
102	Simultaneous Mapping of Pan and Sentinel Lymph Nodes for Real-Time Image-Guided Surgery. <i>Theranostics</i> , 2014, 4, 693-700.	10.0	34
103	Rapid and Quantitative Detection of Zoonotic Influenza A Virus Infection Utilizing Coumarin-derived dendrimer-based Fluorescent Immunochromatographic Strip Test (FICT). <i>Theranostics</i> , 2014, 4, 1239-1249.	10.0	26
104	Investigating fluorescent dyes in fluorescence-assisted screenings. <i>Chemical Communications</i> , 2014, 50, 15220-15223.	4.1	6
105	Central C "C bonding increases optical and chemical stability of NIR fluorophores. <i>RSC Advances</i> , 2014, 4, 58762-58768.	3.6	55
106	Microscopic Validation of Macroscopic In Vivo Images Enabled by Same-Slide Optical and Nuclear Fusion. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1899-1904.	5.0	4
107	Building blocks for tumour delivery. <i>Nature Nanotechnology</i> , 2014, 9, 93-94.	31.5	27
108	Self-assembled micellar nanocomplexes comprising green tea catechin derivatives and protein drugs for cancer therapy. <i>Nature Nanotechnology</i> , 2014, 9, 907-912.	31.5	333

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109	Phosphonated Near-Infrared Fluorophores for Biomedical Imaging of Bone. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10668-10672.	13.8	106
110	NIR Fluorescence Imaging Systems with Optical Packaging Technology. <i>Journal of the Microelectronics and Packaging Society</i> , 2014, 21, 25-31.	0.1	7
111	Highly charged cyanine fluorophores for trafficking scaffold degradation. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 014109.	3.3	24
112	Targeted zwitterionic near-infrared fluorophores for improved optical imaging. <i>Nature Biotechnology</i> , 2013, 31, 148-153.	17.5	459
113	Near-infrared lipophilic fluorophores for tracing tissue growth. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 014110.	3.3	38
114	Near-Infrared Fluorescence Imaging for Noninvasive Trafficking of Scaffold Degradation. <i>Scientific Reports</i> , 2013, 3, 1198.	3.3	65
115	Simultaneous Assessment of Luminal Integrity and Vascular Perfusion of the Gastrointestinal Tract Using Dual-Channel Near-Infrared Fluorescence. <i>Molecular Imaging</i> , 2012, 11, 7290.2011.00048.	1.4	25
116	Real-Time Simultaneous Near-Infrared Fluorescence Imaging of Bile Duct and Arterial Anatomy. <i>Journal of Surgical Research</i> , 2012, 176, 7-13.	1.6	77
117	Two-wavelength near-infrared fluorescence for the quantitation of drug antiplatelet effects in large animal model systems. <i>Journal of Vascular Surgery</i> , 2012, 56, 171-180.	1.1	19
118	cGMP-compatible preparative scale synthesis of near-infrared fluorophores. <i>Contrast Media and Molecular Imaging</i> , 2012, 7, 516-524.	0.8	55
119	Long-term multimodal imaging of tumor draining sentinel lymph nodes using mesoporous silica-based nanoprobcs. <i>Biomaterials</i> , 2012, 33, 4370-4378.	11.4	129
120	Design considerations for targeted optical contrast agents. <i>Quantitative Imaging in Medicine and Surgery</i> , 2012, 2, 266-73.	2.0	63
121	Simultaneous assessment of luminal integrity and vascular perfusion of the gastrointestinal tract using dual-channel near-infrared fluorescence. <i>Molecular Imaging</i> , 2012, 11, 301-8.	1.4	10
122	Clinical Translation of Ex Vivo Sentinel Lymph Node Mapping for Colorectal Cancer Using Invisible Near-Infrared Fluorescence Light. <i>Annals of Surgical Oncology</i> , 2011, 18, 1006-1014.	1.5	69
123	Toward Optimization of Imaging System and Lymphatic Tracer for Near-Infrared Fluorescent Sentinel Lymph Node Mapping in Breast Cancer. <i>Annals of Surgical Oncology</i> , 2011, 18, 2483-2491.	1.5	225
124	Synthesis and In Vivo Fate of Zwitterionic Near-Infrared Fluorophores. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6258-6263.	13.8	308
125	Image-Guided Surgery Using Invisible Near-Infrared Light: Fundamentals of Clinical Translation. <i>Molecular Imaging</i> , 2010, 9, 7290.2010.00034.	1.4	444
126	Nanoparticles for Biomedical Imaging: Fundamentals of Clinical Translation. <i>Molecular Imaging</i> , 2010, 9, 7290.2010.00031.	1.4	213

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127	Intraoperative Localization of Insulinoma and Normal Pancreas Using Invisible Near-Infrared Fluorescent Light. <i>Annals of Surgical Oncology</i> , 2010, 17, 1094-1100.	1.5	73
128	Real-time, near-infrared, fluorescence-guided identification of the ureters using methylene blue. <i>Surgery</i> , 2010, 148, 78-86.	1.9	116
129	Real-time intra-operative near-infrared fluorescence identification of the extrahepatic bile ducts using clinically available contrast agents. <i>Surgery</i> , 2010, 148, 87-95.	1.9	109
130	Rapid translocation of nanoparticles from the lung airspaces to the body. <i>Nature Biotechnology</i> , 2010, 28, 1300-1303.	17.5	546
131	Design considerations for tumour-targeted nanoparticles. <i>Nature Nanotechnology</i> , 2010, 5, 42-47.	31.5	692
132	Low-frequency wide-field fluorescence lifetime imaging using a high-power near-infrared light-emitting diode light source. <i>Journal of Biomedical Optics</i> , 2010, 15, 026005.	2.6	21
133	Nanoparticles for biomedical imaging: fundamentals of clinical translation. <i>Molecular Imaging</i> , 2010, 9, 291-310.	1.4	177
134	Image-guided surgery using invisible near-infrared light: fundamentals of clinical translation. <i>Molecular Imaging</i> , 2010, 9, 237-55.	1.4	237
135	Tissue- and Organ-Selective Biodistribution of NIR Fluorescent Quantum Dots. <i>Nano Letters</i> , 2009, 9, 2354-2359.	9.1	281
136	A low-cost linear DC - 35 MHz high-power LED driver for continuous wave (CW) and fluorescence lifetime imaging (FLIM). , 2008, 6848, 684807.		6
137	Renal clearance of quantum dots. <i>Nature Biotechnology</i> , 2007, 25, 1165-1170.	17.5	3,789
138	Compact Cysteine-Coated CdSe(ZnCdS) Quantum Dots for in Vivo Applications. <i>Journal of the American Chemical Society</i> , 2007, 129, 14530-14531.	13.7	382
139	¹ H NMR titration study of stimuli-responsive supramolecular assemblies: inclusion complexes between PEG-b-PEI copolymer-grafted dextran and naphthalene-appended β -cyclodextrin via double-strand inclusion. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 323-328.	1.6	6
140	Image-Guided Oncologic Surgery Using Invisible Light: Completed Pre-Clinical Development for Sentinel Lymph Node Mapping. <i>Annals of Surgical Oncology</i> , 2006, 13, 1671-1681.	1.5	249
141	Molecular-Recognition and Binding Properties of Cyclodextrin-Conjugated Polyrotaxanes. <i>ChemPhysChem</i> , 2006, 7, 1668-1670.	2.1	5
142	pH-Sensitive Locomotion of Cyclodextrins in a Block-Selective Mobile Polyrotaxane. <i>ChemPhysChem</i> , 2006, 7, 1671-1673.	2.1	19
143	One-Pot Synthesis of a Polyrotaxane via Selective Threading of a PEI-b-PEG-b-PEI Copolymer. <i>Macromolecular Bioscience</i> , 2006, 6, 420-424.	4.1	37
144	Synthesis of Poly(ϵ -lysine)-Grafted Dextrans and Their pH- and Thermosensitive Hydrogelation with Cyclodextrins. <i>ChemPhysChem</i> , 2005, 6, 1081-1086.	2.1	52

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145	Sunflower-Shaped Cyclodextrin-Conjugated Poly(β -Lysine) Polyplex as a Controlled Intracellular Trafficking Device. <i>ChemBioChem</i> , 2005, 6, 1986-1990.	2.6	23
146	Block-Selective Movement of β -Cyclodextrins in Polyrotaxanes of PEI-b-PEG-b-PEI Copolymer. <i>Macromolecules</i> , 2005, 38, 9878-9881.	4.8	39
147	Structural Role of Guest Molecules in Rapid and Sensitive Supramolecular Assembling System Based on β -Cyclodextrin-Conjugated Poly(β -lysine). <i>Macromolecules</i> , 2004, 37, 10036-10041.	4.8	12
148	pH- and Thermosensitive Supramolecular Assembling System: A Rapidly Responsive Properties of β -Cyclodextrin-Conjugated Poly(β -lysine). <i>Journal of the American Chemical Society</i> , 2003, 125, 6350-6351.	13.7	102
149	Control of Rapid Phase Transition Induced by Supramolecular Complexation of β -Cyclodextrin-Conjugated Poly(β -lysine) with a Specific Guest. <i>Macromolecules</i> , 2003, 36, 5342-5347.	4.8	57
150	Rapid induction of thermoreversible hydrogel formation based on poly(propylene glycol)-grafted dextran inclusion complexes. <i>Macromolecular Bioscience</i> , 2002, 2, 298-303.	4.1	65
151	Molecular Recognition System Controlled by Thermosensitive Complexation Using Cyclodextrin-Conjugated Poly(β -lysine)s. , 0, , .		0