

Ching-Hsuan Tung

List of Publications by Year in descending order

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Version: 2024-02-01

171
papers

16,772
citations

18436

62
h-index

14702

127
g-index

176
all docs

176
docs citations

176
times ranked

15521
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Developing a far-red fluorogenic beta-galactosidase probe for senescent cell imaging and photoablation. <i>RSC Advances</i> , 2022, 12, 4543-4549. | 1.7 | 8 |
| 2 | Aptamer-Gemcitabine Conjugates with Enzymatically Cleavable Linker for Targeted Delivery and Intracellular Drug Release in Cancer Cells. <i>Pharmaceuticals</i> , 2022, 15, 558. | 1.7 | 7 |
| 3 | Near-Infrared Fluorogenic Spray for Rapid Tumor Sensing. <i>ACS Sensors</i> , 2021, 6, 3657-3666. | 4.0 | 11 |
| 4 | A Hybrid Nanogel to Preserve Lysosome Integrity for Fluorescence Imaging. <i>ACS Nano</i> , 2021, 15, 16442-16451. | 7.3 | 11 |
| 5 | RHAMMB-mediated bifunctional nanotherapy targeting Bcl-xL and mitochondria for pancreatic neuroendocrine tumor treatment. <i>Molecular Therapy - Oncolytics</i> , 2021, 23, 277-287. | 2.0 | 5 |
| 6 | Selective photo-ablation of glioma cells using an enzyme activatable photosensitizer. <i>Chemical Communications</i> , 2020, 56, 13860-13863. | 2.2 | 6 |
| 7 | Aptamer-Equipped Protamine Nanomedicine for Precision Lymphoma Therapy. <i>Cancers</i> , 2020, 12, 780. | 1.7 | 16 |
| 8 | Enzyme-Assisted Photodynamic Therapy Based on Nanomaterials. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2506-2517. | 2.6 | 25 |
| 9 | A combined approach of convection-enhanced delivery of peptide nanofiber reservoir to prolong local DM1 retention for diffuse intrinsic pontine glioma treatment. <i>Neuro-Oncology</i> , 2020, 22, 1495-1504. | 0.6 | 8 |
| 10 | Multifunctional Nanodelivery Platform for Maximizing Nucleic Acids Combination Therapy. <i>Methods in Molecular Biology</i> , 2020, 2115, 79-90. | 0.4 | 4 |
| 11 | A Multiresponsive Nanohybrid to Enhance the Lysosomal Delivery of Oxygen and Photosensitizers. <i>Chemistry - A European Journal</i> , 2019, 25, 12801-12809. | 1.7 | 2 |
| 12 | Nanoparticle Delivery of miR-708 Mimetic Impairs Breast Cancer Metastasis. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 579-591. | 1.9 | 56 |
| 13 | Layer-by-layer construction of an oxygen-generating photo-responsive nanomedicine for enhanced photothermal and photodynamic combination therapy. <i>Chemical Communications</i> , 2019, 55, 5926-5929. | 2.2 | 8 |
| 14 | Multilayered Activatable Nanoprobe for Ultra-Bright Tumor Imaging. <i>Macromolecular Bioscience</i> , 2019, 19, e1900260. | 2.1 | 2 |
| 15 | Real-Time Visualization of Lysosome Destruction Using a Photosensitive Toluidine Blue Nanogel. <i>Chemistry - A European Journal</i> , 2018, 24, 2089-2093. | 1.7 | 18 |
| 16 | Facile metabolic glycan labeling strategy for exosome tracking. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1091-1100. | 1.1 | 62 |
| 17 | Lysosome Enlargement Enhanced Photochemotherapy Using a Multifunctional Nanogel. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4343-4348. | 4.0 | 15 |
| 18 | A cell surface clicked navigation system to direct specific bone targeting. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 758-764. | 1.4 | 2 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Volume of distribution and clearance of peptide-based nanofiber after convection-enhanced delivery. <i>Journal of Neurosurgery</i> , 2018, 129, 10-18. | 0.9 | 12 |
| 20 | Redox-responsive cisplatin nanogels for anticancer drug delivery. <i>Chemical Communications</i> , 2018, 54, 8367-8370. | 2.2 | 35 |
| 21 | Bidentate iminodiacetate modified dendrimer for bone imaging. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1252-1255. | 1.0 | 7 |
| 22 | Cisplatin Cross-Linked Multifunctional Nanodrugplexes for Combination Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 8547-8555. | 4.0 | 43 |
| 23 | Tumor ablation using low-intensity ultrasound and sound excitable drug. <i>Journal of Controlled Release</i> , 2017, 258, 67-72. | 4.8 | 19 |
| 24 | A Bioluminogenic Probe for Monitoring Tyrosinase Activity. <i>Chemistry - an Asian Journal</i> , 2017, 12, 397-400. | 1.7 | 13 |
| 25 | Beyond chemotherapeutics: cisplatin as a temporary buckle to fabricate drug-loaded nanogels. <i>Chemical Communications</i> , 2017, 53, 779-782. | 2.2 | 25 |
| 26 | Sequence-independent DNA Nanogel as a Potential Drug Carrier. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700366. | 2.0 | 19 |
| 27 | Versatile Nanodelivery Platform to Maximize siRNA Combination Therapy. <i>Macromolecular Bioscience</i> , 2017, 17, 1600294. | 2.1 | 10 |
| 28 | Total control of fat cells from adipogenesis to apoptosis using a xanthene analog. <i>PLoS ONE</i> , 2017, 12, e0179158. | 1.1 | 9 |
| 29 | Development of a fluorescent cardiomyocyte specific binding probe. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1706-1717. | 1.4 | 2 |
| 30 | siRNA Nanoparticles for Ultra-Long Gene Silencing In Vivo. <i>Methods in Molecular Biology</i> , 2016, 1372, 113-120. | 0.4 | 7 |
| 31 | A Quick Responsive Fluorogenic pH Probe for Ovarian Tumor Imaging. <i>Theranostics</i> , 2015, 5, 1166-1174. | 4.6 | 19 |
| 32 | Oligonucleotide aptamer-drug conjugates for targeted therapy of acute myeloid leukemia. <i>Biomaterials</i> , 2015, 67, 42-51. | 5.7 | 91 |
| 33 | Distribution of calcification in carotid endarterectomy tissues: Comparison of micro-computed tomography imaging with histology. <i>Vascular Medicine</i> , 2014, 19, 343-350. | 0.8 | 9 |
| 34 | Specific and Sensitive Tumor Imaging Using Biostable Oligonucleotide Aptamer Probes. <i>Theranostics</i> , 2014, 4, 945-952. | 4.6 | 35 |
| 35 | Design and synthesis of a mitochondria-targeting carrier for small molecule drugs. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9793-9796. | 1.5 | 14 |
| 36 | An authentic imaging probe to track cell fate from beginning to end. <i>Nature Communications</i> , 2014, 5, 5216. | 5.8 | 22 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Smart dual-functional warhead for folate receptor-specific activatable imaging and photodynamic therapy. <i>Chemical Communications</i> , 2014, 50, 10600-10603. | 2.2 | 41 |
| 38 | A Cancer Cell-Activatable Aptamer-Reporter System for One-Step Assay of Circulating Tumor Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e184. | 2.3 | 37 |
| 39 | Lessons learned from imaging mouse ovarian tumors: the route of probe injection makes a difference. <i>Quantitative Imaging in Medicine and Surgery</i> , 2014, 4, 156-62. | 1.1 | 6 |
| 40 | A non-toxic fluorogenic dye for mitochondria labeling. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 5130-5135. | 1.1 | 19 |
| 41 | Pancreatic cancer-associated Cathepsin E as a drug activator. <i>Journal of Controlled Release</i> , 2013, 167, 221-227. | 4.8 | 33 |
| 42 | A fluorogenic probe for β -galactosidase activity imaging in living cells. <i>Molecular BioSystems</i> , 2013, 9, 3001. | 2.9 | 41 |
| 43 | Ultra pseudo-Stokes shift near infrared dyes based on energy transfer. <i>Tetrahedron Letters</i> , 2013, 54, 502-505. | 0.7 | 14 |
| 44 | Ostetropic cancer diagnosis by an osteocalcin inspired molecular imaging mimetic. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4621-4627. | 1.1 | 6 |
| 45 | A Fabricated siRNA Nanoparticle for Ultralong Gene Silencing In Vivo. <i>Advanced Functional Materials</i> , 2013, 23, 3488-3493. | 7.8 | 21 |
| 46 | Lipo-oligoarginine-Based Intracellular Delivery. <i>Methods in Molecular Biology</i> , 2013, 991, 281-292. | 0.4 | 0 |
| 47 | Exploring the structural requirements of collagen-binding peptides. <i>Biopolymers</i> , 2013, 100, 167-173. | 1.2 | 2 |
| 48 | Effect of Lyso-phosphatidylcholine and Schnurri-3 on Osteogenic Transdifferentiation of Vascular Smooth Muscle Cells to Calcifying Vascular Cells in 3D Culture. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 3828-3834. | 1.1 | 15 |
| 49 | Colorful lighting in the operating room. <i>Quantitative Imaging in Medicine and Surgery</i> , 2013, 3, 186-8. | 1.1 | 6 |
| 50 | Detection of pancreatic cancer tumours and precursor lesions by cathepsin E activity in mouse models. <i>Gut</i> , 2012, 61, 1315-1322. | 6.1 | 57 |
| 51 | Cancer treatment using an optically inert Rose Bengal derivative combined with pulsed focused ultrasound. , 2012, , . | | 0 |
| 52 | Detection of hydroxyapatite in calcified cardiovascular tissues. <i>Atherosclerosis</i> , 2012, 224, 340-347. | 0.4 | 53 |
| 53 | A cardiac tissue-specific binding agent of troponin I. <i>Molecular BioSystems</i> , 2012, 8, 2629. | 2.9 | 3 |
| 54 | Layered Nanoprobe for Long-Lasting Fluorescent Cell Label. <i>Small</i> , 2012, 8, 3315-3320. | 5.2 | 21 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Enhancing the Cellular Delivery of Nanoparticles Using Lipo-oligoarginine Peptides. <i>Advanced Functional Materials</i> , 2012, 22, 4924-4930. | 7.8 | 12 |
| 56 | A benzothiazole alkyne fluorescent sensor for Cu detection in living cell. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1747-1749. | 1.0 | 15 |
| 57 | Transfecting the hard-to-transfect lymphoma/leukemia cells using a simple cationic polymer nanocomplex. <i>Journal of Controlled Release</i> , 2012, 159, 104-110. | 4.8 | 43 |
| 58 | Molecular imaging of Cathepsin E-positive tumors in mice using a novel protease-activatable fluorescent probe. <i>Molecular BioSystems</i> , 2011, 7, 3207. | 2.9 | 25 |
| 59 | Developing Visible Fluorogenic "Click-On"™ Dyes for Cellular Imaging. <i>Bioconjugate Chemistry</i> , 2011, 22, 1758-1762. | 1.8 | 41 |
| 60 | Assessment of Cardiovascular Fibrosis Using Novel Fluorescent Probes. <i>PLoS ONE</i> , 2011, 6, e19097. | 1.1 | 24 |
| 61 | Cancer treatment using an optically inert Rose Bengal derivative combined with pulsed focused ultrasound. <i>Journal of Controlled Release</i> , 2011, 156, 315-322. | 4.8 | 23 |
| 62 | Gold Nanorod-Photosensitizer Complex for Near-Infrared Fluorescence Imaging and Photodynamic/Photothermal Therapy <i>In Vivo</i> . <i>ACS Nano</i> , 2011, 5, 1086-1094. | 7.3 | 710 |
| 63 | Effective Gene Silencing by Multilayered siRNA-Coated Gold Nanoparticles. <i>Small</i> , 2011, 7, 364-370. | 5.2 | 109 |
| 64 | Enhanced cellular uptake and metabolic stability of lipo-oligoarginine peptides. <i>Biopolymers</i> , 2011, 96, 772-779. | 1.2 | 12 |
| 65 | Osteocalcin Biomimic Recognizes Bone Hydroxyapatite. <i>ChemBioChem</i> , 2011, 12, 1669-1673. | 1.3 | 12 |
| 66 | Development of benzothiazole "click-on"™ fluorogenic dyes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 320-323. | 1.0 | 23 |
| 67 | Sensitive luciferin derived probes for selective carboxypeptidase activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3931-3934. | 1.0 | 10 |
| 68 | Using oligonucleotide aptamer probes for immunostaining of formalin-fixed and paraffin-embedded tissues. <i>Modern Pathology</i> , 2010, 23, 1553-1558. | 2.9 | 65 |
| 69 | Lipo-oligoarginines as effective delivery vectors to promote cellular uptake. <i>Molecular BioSystems</i> , 2010, 6, 2049. | 2.9 | 31 |
| 70 | Selective detection of Cathepsin E proteolytic activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 1002-1008. | 1.1 | 23 |
| 71 | Using an RNA aptamer probe for flow cytometry detection of CD30-expressing lymphoma cells. <i>Laboratory Investigation</i> , 2009, 89, 1423-1432. | 1.7 | 58 |
| 72 | Non-invasive optical detection of cathepsin K-mediated fluorescence reveals osteoclast activity in vitro and in vivo. <i>Bone</i> , 2009, 44, 190-198. | 1.4 | 72 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Proteolysis: A Biological Process Adapted in Drug Delivery, Therapy, and Imaging. <i>Bioconjugate Chemistry</i> , 2009, 20, 1683-1695. | 1.8 | 115 |
| 74 | Structural Modification of Protease Inducible Preprogrammed Nanofiber Precursor. <i>Biomacromolecules</i> , 2008, 9, 421-425. | 2.6 | 12 |
| 75 | Transglutaminase activity in acute infarcts predicts healing outcome and left ventricular remodelling: implications for FXIII therapy and antithrombin use in myocardial infarction. <i>European Heart Journal</i> , 2008, 29, 445-454. | 1.0 | 69 |
| 76 | Optical Visualization of Cathepsin K Activity in Atherosclerosis With a Novel, Protease-Activatable Fluorescence Sensor. <i>Circulation</i> , 2007, 115, 2292-2298. | 1.6 | 241 |
| 77 | Sugar sensing based on induced pH changes. <i>Chemical Communications</i> , 2007, , 2299. | 2.2 | 28 |
| 78 | Selective Fluorescence Probes for Dipeptidyl Peptidase Activity Fibroblast Activation Protein and Dipeptidyl Peptidase IV. <i>Bioconjugate Chemistry</i> , 2007, 18, 1246-1250. | 1.8 | 36 |
| 79 | Protease-Sensitive Fluorescent Nanofibers. <i>Bioconjugate Chemistry</i> , 2007, 18, 1701-1704. | 1.8 | 48 |
| 80 | A Self-Immolative Reporter For β -Galactosidase Sensing. <i>ChemBioChem</i> , 2007, 8, 560-566. | 1.3 | 66 |
| 81 | Sensing Phosphatase Activity by Using Gold Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 707-709. | 7.2 | 241 |
| 82 | Membrane permeable esterase-activated fluorescent imaging probe. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 5054-5057. | 1.0 | 30 |
| 83 | A Fluorescent Nanosensor for Apoptotic Cells. <i>Nano Letters</i> , 2006, 6, 488-490. | 4.5 | 81 |
| 84 | Inflammation in Atherosclerosis. <i>Circulation</i> , 2006, 114, 55-62. | 1.6 | 398 |
| 85 | Fluorescence Probe with a pH-Sensitive Trigger. <i>Bioconjugate Chemistry</i> , 2006, 17, 255-257. | 1.8 | 33 |
| 86 | Peptide-Based Biomaterials for Protease-Enhanced Drug Delivery. <i>Biomacromolecules</i> , 2006, 7, 1261-1265. | 2.6 | 90 |
| 87 | Enzyme-Targeted Fluorescent Imaging Probes on a Multiple Antigenic Peptide Core. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 4715-4720. | 2.9 | 64 |
| 88 | Construction of a novel chimera consisting of a chelator-containing Tat peptide conjugated to a morpholino antisense oligomer for technetium-99m labeling and accelerating cellular kinetics. <i>Nuclear Medicine and Biology</i> , 2006, 33, 263-269. | 0.3 | 12 |
| 89 | The Crohn's disease-associated adherent-invasive <i>Escherichia coli</i> strain LF82 replicates in mature phagolysosomes within J774 macrophages. <i>Cellular Microbiology</i> , 2006, 8, 471-484. | 1.1 | 136 |
| 90 | Development of water-soluble far-red fluorogenic dyes for enzyme sensing. <i>Tetrahedron</i> , 2006, 62, 578-585. | 1.0 | 61 |

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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | A mitochondrial targeted fusion peptide exhibits remarkable cytotoxicity. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 1944-1949. | 1.9 | 108 |
| 92 | Development of a dual fluorogenic and chromogenic dipeptidyl peptidase IV substrate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 2599-2602. | 1.0 | 33 |
| 93 | Conjugation of a Photosensitizer to an Oligoarginine-Based Cell-Penetrating Peptide Increases the Efficacy of Photodynamic Therapy. <i>ChemMedChem</i> , 2006, 1, 458-463. | 1.6 | 65 |
| 94 | Protease-Mediated Phototoxicity of a Polylysine- α -Chlorine6 Conjugate. <i>ChemMedChem</i> , 2006, 1, 698-701. | 1.6 | 32 |
| 95 | Selective Antitumor Effect of Novel Protease-Mediated Photodynamic Agent. <i>Cancer Research</i> , 2006, 66, 7225-7229. | 0.4 | 161 |
| 96 | Factor XIII Deficiency Causes Cardiac Rupture, Impairs Wound Healing, and Aggravates Cardiac Remodeling in Mice With Myocardial Infarction. <i>Circulation</i> , 2006, 113, 1196-1202. | 1.6 | 145 |
| 97 | In-vivo imaging of tumor associated urokinase-type plasminogen activator activity. <i>Journal of Biomedical Optics</i> , 2006, 11, 034013. | 1.4 | 26 |
| 98 | Optical zymography for specific detection of urokinase plasminogen activator activity in biological samples. <i>Analytical Biochemistry</i> , 2005, 338, 151-158. | 1.1 | 17 |
| 99 | Near-Infrared Fluorescent Imaging of Cerebral Thrombi and Blood-Brain Barrier Disruption in a Mouse Model of Cerebral Venous Sinus Thrombosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 226-233. | 2.4 | 80 |
| 100 | Mechanism-Based Fluorescent Reporter for Protein Kinase A Detection. <i>ChemBioChem</i> , 2005, 6, 1361-1367. | 1.3 | 10 |
| 101 | Detection of Dysplastic Intestinal Adenomas Using a Fluorescent Folate Imaging Probe. <i>Molecular Imaging</i> , 2005, 4, 153535002005041. | 0.7 | 8 |
| 102 | Tissue Inhibitor of Metalloproteinase-3 Expression from an Oncolytic Adenovirus Inhibits Matrix Metalloproteinase Activity In vivo without Affecting Antitumor Efficacy in Malignant Glioma. <i>Cancer Research</i> , 2005, 65, 9398-9405. | 0.4 | 54 |
| 103 | An Effective Method of On-Resin Disulfide Bond Formation in Peptides. <i>ACS Combinatorial Science</i> , 2005, 7, 174-177. | 3.3 | 41 |
| 104 | A Branched Fluorescent Peptide Probe for Imaging of Activated Platelets. <i>Molecular Pharmaceutics</i> , 2005, 2, 92-95. | 2.3 | 18 |
| 105 | Near-Infrared Fluorescent Imaging of Matrix Metalloproteinase Activity After Myocardial Infarction. <i>Circulation</i> , 2005, 111, 1800-1805. | 1.6 | 205 |
| 106 | In vivo imaging of S-TRAIL-mediated tumor regression and apoptosis. <i>Molecular Therapy</i> , 2005, 11, 926-931. | 3.7 | 105 |
| 107 | Monofunctional Near-Infrared Fluorochromes for Imaging Applications. <i>Bioconjugate Chemistry</i> , 2005, 16, 1275-1281. | 1.8 | 97 |
| 108 | Arthritis imaging using a near-infrared fluorescence folate-targeted probe. <i>Arthritis Research</i> , 2005, 7, R310. | 2.0 | 125 |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Imaging Reactive Oxygen Species in Arthritis. <i>Molecular Imaging</i> , 2004, 3, 153535002004041. | 0.7 | 7 |
| 110 | Inducible Release of TRAIL Fusion Proteins from a Proapoptotic Form for Tumor Therapy. <i>Cancer Research</i> , 2004, 64, 3236-3242. | 0.4 | 91 |
| 111 | Molecular Imaging of Factor XIIIa Activity in Thrombosis Using a Novel, Near-Infrared Fluorescent Contrast Agent That Covalently Links to Thrombi. <i>Circulation</i> , 2004, 110, 170-176. | 1.6 | 129 |
| 112 | In Vivo Imaging of HIV Protease Activity in Amplicon Vector-transduced Gliomas. <i>Cancer Research</i> , 2004, 64, 273-278. | 0.4 | 51 |
| 113 | Early diagnosis of osteoarthritis using cathepsin B sensitive near-infrared fluorescent probes. <i>Osteoarthritis and Cartilage</i> , 2004, 12, 239-244. | 0.6 | 87 |
| 114 | In vivo imaging of protease activity in arthritis: A novel approach for monitoring treatment response. <i>Arthritis and Rheumatism</i> , 2004, 50, 2459-2465. | 6.7 | 152 |
| 115 | Fluorescent peptide probes for in vivo diagnostic imaging. <i>Biopolymers</i> , 2004, 76, 391-403. | 1.2 | 181 |
| 116 | Enhancing Membrane Permeability by Fatty Acylation of Oligoarginine Peptides. <i>ChemBioChem</i> , 2004, 5, 1148-1151. | 1.3 | 57 |
| 117 | Design, Synthesis, and Characterization of Urokinase Plasminogen-Activator-Sensitive Near-Infrared Reporter. <i>Chemistry and Biology</i> , 2004, 11, 99-106. | 6.2 | 82 |
| 118 | In Vivo Imaging of β -Galactosidase Activity Using Far Red Fluorescent Switch. <i>Cancer Research</i> , 2004, 64, 1579-1583. | 0.4 | 170 |
| 119 | A Novel Method for Imaging Apoptosis Using a Caspase-1 Near-Infrared Fluorescent Probe. <i>Neoplasia</i> , 2004, 6, 95-105. | 2.3 | 101 |
| 120 | Developing a Peptide-Based Near-Infrared Molecular Probe for Protease Sensing. <i>Bioconjugate Chemistry</i> , 2004, 15, 1403-1407. | 1.8 | 145 |
| 121 | Imaging Reactive Oxygen Species in Arthritis. <i>Molecular Imaging</i> , 2004, 3, 159-162. | 0.7 | 31 |
| 122 | Protease sensors for bioimaging. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 956-963. | 1.9 | 186 |
| 123 | Arginine containing peptides as delivery vectors. <i>Advanced Drug Delivery Reviews</i> , 2003, 55, 281-294. | 6.6 | 151 |
| 124 | Novel Factor XIII Probes for Blood Coagulation Imaging. <i>ChemBioChem</i> , 2003, 4, 897-899. | 1.3 | 70 |
| 125 | A practical approach for the preparation of monofunctional azulenyl squaraine dye. <i>Tetrahedron Letters</i> , 2003, 44, 3975-3978. | 0.7 | 18 |
| 126 | Enhanced Tumor Detection Using a Folate Receptor-Targeted Near-Infrared Fluorochrome Conjugate. <i>Bioconjugate Chemistry</i> , 2003, 14, 539-545. | 1.8 | 121 |

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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 127 | High Efficiency Synthesis of a Bioconjugatable Near-Infrared Fluorochrome. <i>Bioconjugate Chemistry</i> , 2003, 14, 1048-1051. | 1.8 | 64 |
| 128 | Synthesis and Properties of Sulfhydryl-Reactive Near-Infrared Cyanine Fluorochromes for Fluorescence Imaging. <i>Molecular Imaging</i> , 2003, 2, 153535002003031. | 0.7 | 1 |
| 129 | Synthesis and Properties of Sulfhydryl-Reactive Near-Infrared Cyanine Fluorochromes for Fluorescence Imaging. <i>Molecular Imaging</i> , 2003, 2, 87-92. | 0.7 | 15 |
| 130 | Survival of <i>Tropheryma whipplei</i> , the Agent of Whipple's Disease, Requires Phagosome Acidification. <i>Infection and Immunity</i> , 2002, 70, 1501-1506. | 1.0 | 85 |
| 131 | <i>Coxiella burnetii</i> Survival in THP-1 Monocytes Involves the Impairment of Phagosome Maturation: IFN- γ Mediates its Restoration and Bacterial Killing. <i>Journal of Immunology</i> , 2002, 169, 4488-4495. | 0.4 | 133 |
| 132 | In Vivo Imaging of Thrombin Activity in Experimental Thrombi With Thrombin-Sensitive Near-Infrared Molecular Probe. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1929-1935. | 1.1 | 132 |
| 133 | Feasibility of in Vivo Multichannel Optical Imaging of Gene Expression: Experimental Study in Mice. <i>Radiology</i> , 2002, 224, 446-451. | 3.6 | 328 |
| 134 | Imaging of Differential Protease Expression in Breast Cancers for Detection of Aggressive Tumor Phenotypes. <i>Radiology</i> , 2002, 222, 814-818. | 3.6 | 161 |
| 135 | Detection of dysplastic intestinal adenomas using enzyme-sensing molecular beacons in mice. <i>Gastroenterology</i> , 2002, 122, 406-414. | 0.6 | 221 |
| 136 | Molecular Imaging of MMP Expression and Therapeutic MMP Inhibition. <i>Academic Radiology</i> , 2002, 9, S314-S315. | 1.3 | 36 |
| 137 | In Vivo Imaging of Proteolytic Activity in Atherosclerosis. <i>Circulation</i> , 2002, 105, 2766-2771. | 1.6 | 346 |
| 138 | An Azulene Dimer as a Near-Infrared Quencher. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3659-3662. | 7.2 | 86 |
| 139 | A Novel Near-Infrared Fluorescence Sensor for Detection of Thrombin Activation in Blood. <i>ChemBioChem</i> , 2002, 3, 207-211. | 1.3 | 77 |
| 140 | A Receptor-Targeted Near-Infrared Fluorescence Probe for In Vivo Tumor Imaging. <i>ChemBioChem</i> , 2002, 3, 784. | 1.3 | 110 |
| 141 | Novel Branching Membrane Translocational Peptide as Gene Delivery Vector. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 3609-3614. | 1.4 | 83 |
| 142 | Intermolecular [8+2] cycloaddition reactions of 2H-3-methoxycarbonylcyclohepta[b]furan-2-one with vinyl ethers: an approach to bicyclo[5.3.0]azulene derivatives. <i>Tetrahedron Letters</i> , 2002, 43, 19-20. | 0.7 | 12 |
| 143 | Fluorescence molecular tomography resolves protease activity in vivo. <i>Nature Medicine</i> , 2002, 8, 757-761. | 15.2 | 822 |
| 144 | Novel Near-Infrared Cyanine Fluorochromes: Synthesis, Properties, and Bioconjugation. <i>Bioconjugate Chemistry</i> , 2002, 13, 605-610. | 1.8 | 161 |

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 145 | In vivo detection of tumor associated protease activity using long circulating fluorescent labeled peptide substrates. , 2002, , 450-452. | | 0 |
| 146 | Size Optimization of Synthetic Graft Copolymers for in Vivo Angiogenesis Imaging. Bioconjugate Chemistry, 2001, 12, 213-219. | 1.8 | 79 |
| 147 | In vivo molecular target assessment of matrix metalloproteinase inhibition. Nature Medicine, 2001, 7, 743-748. | 15.2 | 738 |
| 148 | Optical Imaging of Matrix Metalloproteinase-2 Activity in Tumors: Feasibility Study in a Mouse Model. Radiology, 2001, 221, 523-529. | 3.6 | 260 |
| 149 | In vivo Imaging of Protease Activity and Drug Screening. , 2001, , 986-987. | | 0 |
| 150 | Tat peptide-derivatized magnetic nanoparticles allow in vivo tracking and recovery of progenitor cells. Nature Biotechnology, 2000, 18, 410-414. | 9.4 | 1,679 |
| 151 | Synthetic glycopeptide-based delivery systems for systemic gene targeting to hepatocytes. Pharmaceutical Research, 2000, 17, 451-459. | 1.7 | 10 |
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