

Ching-Hsuan Tung

List of Publications by Year in descending order

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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	Tat peptide-derivatized magnetic nanoparticles allow in vivo tracking and recovery of progenitor cells. <i>Nature Biotechnology</i> , 2000, 18, 410-414.	9.4	1,679
2	In vivo imaging of tumors with protease-activated near-infrared fluorescent probes. <i>Nature Biotechnology</i> , 1999, 17, 375-378.	9.4	1,578
3	High-Efficiency Intracellular Magnetic Labeling with Novel Superparamagnetic-Tat Peptide Conjugates. <i>Bioconjugate Chemistry</i> , 1999, 10, 186-191.	1.8	861
4	Fluorescence molecular tomography resolves protease activity in vivo. <i>Nature Medicine</i> , 2002, 8, 757-761.	15.2	822
5	In vivo molecular target assessment of matrix metalloproteinase inhibition. <i>Nature Medicine</i> , 2001, 7, 743-748.	15.2	738
6	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
7	Near-Infrared Optical Imaging of Protease Activity for Tumor Detection. <i>Radiology</i> , 1999, 213, 866-870.	3.6	571
8	Inflammation in Atherosclerosis. <i>Circulation</i> , 2006, 114, 55-62.	1.6	398
9	In Vivo Imaging of Proteolytic Activity in Atherosclerosis. <i>Circulation</i> , 2002, 105, 2766-2771.	1.6	346
10	Feasibility of in Vivo Multichannel Optical Imaging of Gene Expression: Experimental Study in Mice. <i>Radiology</i> , 2002, 224, 446-451.	3.6	328
11	Optical Imaging of Matrix Metalloproteinase ² Activity in Tumors: Feasibility Study in a Mouse Model. <i>Radiology</i> , 2001, 221, 523-529.	3.6	260
12	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
13	Sensing Phosphatase Activity by Using Gold Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 707-709.	7.2	241
14	Detection of dysplastic intestinal adenomas using enzyme-sensing molecular beacons in mice. <i>Gastroenterology</i> , 2002, 122, 406-414.	0.6	221
15	Preparation of a Cathepsin D Sensitive Near-Infrared Fluorescence Probe for Imaging. <i>Bioconjugate Chemistry</i> , 1999, 10, 892-896.	1.8	212
16	Near-Infrared Fluorescent Imaging of Matrix Metalloproteinase Activity After Myocardial Infarction. <i>Circulation</i> , 2005, 111, 1800-1805.	1.6	205
17	Protease sensors for bioimaging. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 956-963.	1.9	186
18	Fluorescent peptide probes for in vivo diagnostic imaging. <i>Biopolymers</i> , 2004, 76, 391-403.	1.2	181

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19	In Vivo Imaging of β -Galactosidase Activity Using Far Red Fluorescent Switch. <i>Cancer Research</i> , 2004, 64, 1579-1583.	0.4	170
20	Macrocyclic Chelators with Paramagnetic Cations Are Internalized into Mammalian Cells via a HIV-Tat Derived Membrane Translocation Peptide. <i>Bioconjugate Chemistry</i> , 2000, 11, 301-305.	1.8	162
21	Imaging of Differential Protease Expression in Breast Cancers for Detection of Aggressive Tumor Phenotypes. <i>Radiology</i> , 2002, 222, 814-818.	3.6	161
22	Novel Near-Infrared Cyanine Fluorochromes: Synthesis, Properties, and Bioconjugation. <i>Bioconjugate Chemistry</i> , 2002, 13, 605-610.	1.8	161
23	Selective Antitumor Effect of Novel Protease-Mediated Photodynamic Agent. <i>Cancer Research</i> , 2006, 66, 7225-7229.	0.4	161
24	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
25	Arginine containing peptides as delivery vectors. <i>Advanced Drug Delivery Reviews</i> , 2003, 55, 281-294.	6.6	151
26	Preparation and Applications of Peptide-Oligonucleotide Conjugates. <i>Bioconjugate Chemistry</i> , 2000, 11, 605-618.	1.8	145
27	Developing a Peptide-Based Near-Infrared Molecular Probe for Protease Sensing. <i>Bioconjugate Chemistry</i> , 2004, 15, 1403-1407.	1.8	145
28	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
29	The Crohn's disease-associated adherent-invasive Escherichia coli strain LF82 replicates in mature phagolysosomes within J774 macrophages. <i>Cellular Microbiology</i> , 2006, 8, 471-484.	1.1	136
30	<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
31	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
32	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
33	Arthritis imaging using a near-infrared fluorescence folate-targeted probe. <i>Arthritis Research</i> , 2005, 7, R310.	2.0	125
34	Enhanced Tumor Detection Using a Folate Receptor-Targeted Near-Infrared Fluorochrome Conjugate. <i>Bioconjugate Chemistry</i> , 2003, 14, 539-545.	1.8	121
35	Proteolysis: A Biological Process Adapted in Drug Delivery, Therapy, and Imaging. <i>Bioconjugate Chemistry</i> , 2009, 20, 1683-1695.	1.8	115
36	A Receptor-Targeted Near-Infrared Fluorescence Probe for In Vivo Tumor Imaging. <i>ChemBioChem</i> , 2002, 3, 784.	1.3	110

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37	Effective Gene Silencing by Multilayered siRNA-Coated Gold Nanoparticles. <i>Small</i> , 2011, 7, 364-370.	5.2	109
38	A mitochondrial targeted fusion peptide exhibits remarkable cytotoxicity. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 1944-1949.	1.9	108
39	Synthetic peptide-based DNA complexes for nonviral gene delivery. <i>Advanced Drug Delivery Reviews</i> , 1998, 30, 115-131.	6.6	105
40	In vivo imaging of S-TRAIL-mediated tumor regression and apoptosis. <i>Molecular Therapy</i> , 2005, 11, 926-931.	3.7	105
41	A Novel Method for Imaging Apoptosis Using a Caspase-1 Near-Infrared Fluorescent Probe. <i>Neoplasia</i> , 2004, 6, 95-105.	2.3	101
42	Monofunctional Near-Infrared Fluorochromes for Imaging Applications. <i>Bioconjugate Chemistry</i> , 2005, 16, 1275-1281.	1.8	97
43	Inducible Release of TRAIL Fusion Proteins from a Proapoptotic Form for Tumor Therapy. <i>Cancer Research</i> , 2004, 64, 3236-3242.	0.4	91
44	Oligonucleotide aptamer-drug conjugates for targeted therapy of acute myeloid leukemia. <i>Biomaterials</i> , 2015, 67, 42-51.	5.7	91
45	Peptide-Based Biomaterials for Protease-Enhanced Drug Delivery. <i>Biomacromolecules</i> , 2006, 7, 1261-1265.	2.6	90
46	Early diagnosis of osteoarthritis using cathepsin B sensitive near-infrared fluorescent probes. <i>Osteoarthritis and Cartilage</i> , 2004, 12, 239-244.	0.6	87
47	An Azulene Dimer as a Near-Infrared Quencher. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3659-3662.	7.2	86
48	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
49	Novel Branching Membrane Translocational Peptide as Gene Delivery Vector. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 3609-3614.	1.4	83
50	Design, Synthesis, and Characterization of Urokinase Plasminogen-Activator-Sensitive Near-Infrared Reporter. <i>Chemistry and Biology</i> , 2004, 11, 99-106.	6.2	82
51	A Fluorescent Nanosensor for Apoptotic Cells. <i>Nano Letters</i> , 2006, 6, 488-490.	4.5	81
52	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
53	Size Optimization of Synthetic Graft Copolymers for in Vivo Angiogenesis Imaging. <i>Bioconjugate Chemistry</i> , 2001, 12, 213-219.	1.8	79
54	A Novel Near-Infrared Fluorescence Sensor for Detection of Thrombin Activation in Blood. <i>ChemBioChem</i> , 2002, 3, 207-211.	1.3	77

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55	Polyamine-linked oligonucleotides for DNA triple helix formation. <i>Nucleic Acids Research</i> , 1993, 21, 5489-5494.	6.5	73
56	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
57	Novel Factor XIII Probes for Blood Coagulation Imaging. <i>ChemBioChem</i> , 2003, 4, 897-899.	1.3	70
58	Transglutaminase activity in acute infarcts predicts healing outcome and left ventricular remodeling: implications for FXIII therapy and antithrombin use in myocardial infarction. <i>European Heart Journal</i> , 2008, 29, 445-454.	1.0	69
59	A Self-Immolative Reporter For β -Galactosidase Sensing. <i>ChemBioChem</i> , 2007, 8, 560-566.	1.3	66
60	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
61	Using oligonucleotide aptamer probes for immunostaining of formalin-fixed and paraffin-embedded tissues. <i>Modern Pathology</i> , 2010, 23, 1553-1558.	2.9	65
62	High Efficiency Synthesis of a Bioconjugatable Near-Infrared Fluorochrome. <i>Bioconjugate Chemistry</i> , 2003, 14, 1048-1051.	1.8	64
63	Enzyme-Targeted Fluorescent Imaging Probes on a Multiple Antigenic Peptide Core. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 4715-4720.	2.9	64
64	Facile metabolic glycan labeling strategy for exosome tracking. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1091-1100.	1.1	62
65	Development of water-soluble far-red fluorogenic dyes for enzyme sensing. <i>Tetrahedron</i> , 2006, 62, 578-585.	1.0	61
66	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
67	Enhancing Membrane Permeability by Fatty Acylation of Oligoarginine Peptides. <i>ChemBioChem</i> , 2004, 5, 1148-1151.	1.3	57
68	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
69	Nanoparticle Delivery of miR-708 Mimetic Impairs Breast Cancer Metastasis. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 579-591.	1.9	56
70	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
71	Detection of hydroxyapatite in calcified cardiovascular tissues. <i>Atherosclerosis</i> , 2012, 224, 340-347.	0.4	53
72	In Vivo Imaging of HIV Protease Activity in Amplicon Vector-transduced Gliomas. <i>Cancer Research</i> , 2004, 64, 273-278.	0.4	51

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73	Protease-Sensitive Fluorescent Nanofibers. <i>Bioconjugate Chemistry</i> , 2007, 18, 1701-1704.	1.8	48
74	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
75	Cisplatin Cross-Linked Multifunctional Nanodrugplexes for Combination Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 8547-8555.	4.0	43
76	An Effective Method of On-Resin Disulfide Bond Formation in Peptides. <i>ACS Combinatorial Science</i> , 2005, 7, 174-177.	3.3	41
77	Developing Visible Fluorogenic "Click-On"™ Dyes for Cellular Imaging. <i>Bioconjugate Chemistry</i> , 2011, 22, 1758-1762.	1.8	41
78	A fluorogenic probe for Î²-galactosidase activity imaging in living cells. <i>Molecular BioSystems</i> , 2013, 9, 3001.	2.9	41
79	Smart dual-functional warhead for folate receptor-specific activatable imaging and photodynamic therapy. <i>Chemical Communications</i> , 2014, 50, 10600-10603.	2.2	41
80	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
81	Molecular Imaging of MMP Expression and Therapeutic MMP Inhibition. <i>Academic Radiology</i> , 2002, 9, S314-S315.	1.3	36
82	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
83	Specific and Sensitive Tumor Imaging Using Biostable Oligonucleotide Aptamer Probes. <i>Theranostics</i> , 2014, 4, 945-952.	4.6	35
84	Redox-responsive cisplatin nanogels for anticancer drug delivery. <i>Chemical Communications</i> , 2018, 54, 8367-8370.	2.2	35
85	Fluorescence Probe with a pH-Sensitive Trigger. <i>Bioconjugate Chemistry</i> , 2006, 17, 255-257.	1.8	33
86	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
87	Pancreatic cancer-associated Cathepsin E as a drug activator. <i>Journal of Controlled Release</i> , 2013, 167, 221-227.	4.8	33
88	Synthesis of Oligoarginine-Oligonucleotide Conjugates and Oligoarginine-Bridged Oligonucleotide Pairs. <i>Bioconjugate Chemistry</i> , 1994, 5, 468-474.	1.8	32
89	Protease-Mediated Phototoxicity of a Polylysine-6-Chlorine Conjugate. <i>ChemMedChem</i> , 2006, 1, 698-701.	1.6	32
90	Oligonucleotide-Poly-L-ornithine Conjugates: Binding to Complementary DNA and RNA. <i>Antisense Research and Development</i> , 1993, 3, 265-275.	3.3	31

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91	Lipo-oligoarginines as effective delivery vectors to promote cellular uptake. <i>Molecular BioSystems</i> , 2010, 6, 2049.	2.9	31
92	Imaging Reactive Oxygen Species in Arthritis. <i>Molecular Imaging</i> , 2004, 3, 159-162.	0.7	31
93	Dual-Specificity Interaction of HIV-1 TAR RNA with Tat Peptide-Oligonucleotide Conjugates. <i>Bioconjugate Chemistry</i> , 1995, 6, 292-295.	1.8	30
94	Membrane permeable esterase-activated fluorescent imaging probe. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 5054-5057.	1.0	30
95	Sugar sensing based on induced pH changes. <i>Chemical Communications</i> , 2007, , 2299.	2.2	28
96	In-vivo imaging of tumor associated urokinase-type plasminogen activator activity. <i>Journal of Biomedical Optics</i> , 2006, 11, 034013.	1.4	26
97	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
98	Beyond chemotherapeutics: cisplatin as a temporary buckle to fabricate drug-loaded nanogels. <i>Chemical Communications</i> , 2017, 53, 779-782.	2.2	25
99	Enzyme-Assisted Photodynamic Therapy Based on Nanomaterials. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2506-2517.	2.6	25
100	Assessment of Cardiovascular Fibrosis Using Novel Fluorescent Probes. <i>PLoS ONE</i> , 2011, 6, e19097.	1.1	24
101	Selective detection of Cathepsin E proteolytic activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 1002-1008.	1.1	23
102	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
103	Development of benzothiazole "click-on"™ fluorogenic dyes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 320-323.	1.0	23
104	Hybridization Properties of Oligodeoxynucleotide Pairs Bridged by Polyarginine Peptides. <i>Nucleic Acids Research</i> , 1996, 24, 655-661.	6.5	22
105	An authentic imaging probe to track cell fate from beginning to end. <i>Nature Communications</i> , 2014, 5, 5216.	5.8	22
106	Layered Nanoprobe for Long-Lasting Fluorescent Cell Label. <i>Small</i> , 2012, 8, 3315-3320.	5.2	21
107	A Fabricated siRNA Nanoparticle for Ultralong Gene Silencing In Vivo. <i>Advanced Functional Materials</i> , 2013, 23, 3488-3493.	7.8	21
108	A non-toxic fluorogenic dye for mitochondria labeling. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 5130-5135.	1.1	19

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109	A Quick Responsive Fluorogenic pH Probe for Ovarian Tumor Imaging. <i>Theranostics</i> , 2015, 5, 1166-1174.	4.6	19
110	Tumor ablation using low-intensity ultrasound and sound excitable drug. <i>Journal of Controlled Release</i> , 2017, 258, 67-72.	4.8	19
111	Sequence-Independent DNA Nanogel as a Potential Drug Carrier. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700366.	2.0	19
112	Stabilization of DNA Triple-Helix Formation by Appended Cationic Peptides. <i>Bioconjugate Chemistry</i> , 1996, 7, 529-531.	1.8	18
113	A practical approach for the preparation of monofunctional azulenyl squaraine dye. <i>Tetrahedron Letters</i> , 2003, 44, 3975-3978.	0.7	18
114	A Branched Fluorescent Peptide Probe for Imaging of Activated Platelets. <i>Molecular Pharmaceutics</i> , 2005, 2, 92-95.	2.3	18
115	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
116	Preparation and Physical Properties of Conjugates of Oligodeoxynucleotides with Poly(γ -ornithine Peptides. <i>Antisense Research and Development</i> , 1993, 3, 349-356.	3.3	17
117	Optical zymography for specific detection of urokinase plasminogen activator activity in biological samples. <i>Analytical Biochemistry</i> , 2005, 338, 151-158.	1.1	17
118	Aptamer-Equipped Protamine Nanomedicine for Precision Lymphoma Therapy. <i>Cancers</i> , 2020, 12, 780.	1.7	16
119	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
120	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
121	Lysosome Enlargement Enhanced Photochemotherapy Using a Multifunctional Nanogel. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4343-4348.	4.0	15
122	Synthesis and Properties of Sulfhydryl-Reactive Near-Infrared Cyanine Fluorochromes for Fluorescence Imaging. <i>Molecular Imaging</i> , 2003, 2, 87-92.	0.7	15
123	Ultra pseudo-Stokes shift near infrared dyes based on energy transfer. <i>Tetrahedron Letters</i> , 2013, 54, 502-505.	0.7	14
124	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
125	A Bioluminogenic Probe for Monitoring Tyrosinase Activity. <i>Chemistry - an Asian Journal</i> , 2017, 12, 397-400.	1.7	13
126	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

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127	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
128	Structural Modification of Protease Inducible Preprogrammed Nanofiber Precursor. <i>Biomacromolecules</i> , 2008, 9, 421-425.	2.6	12
129	Enhanced cellular uptake and metabolic stability of lipo-oligoarginine peptides. <i>Biopolymers</i> , 2011, 96, 772-779.	1.2	12
130	Osteocalcin Biomimic Recognizes Bone Hydroxyapatite. <i>ChemBioChem</i> , 2011, 12, 1669-1673.	1.3	12
131	Enhancing the Cellular Delivery of Nanoparticles Using Lipo-oligoarginine Peptides. <i>Advanced Functional Materials</i> , 2012, 22, 4924-4930.	7.8	12
132	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
133	Near-Infrared Fluorogenic Spray for Rapid Tumor Sensing. <i>ACS Sensors</i> , 2021, 6, 3657-3666.	4.0	11
134	A Hybrid Nanogel to Preserve Lysosome Integrity for Fluorescence Imaging. <i>ACS Nano</i> , 2021, 15, 16442-16451.	7.3	11
135	Synthetic glycopeptide-based delivery systems for systemic gene targeting to hepatocytes. <i>Pharmaceutical Research</i> , 2000, 17, 451-459.	1.7	10
136	Mechanism-Based Fluorescent Reporter for Protein Kinase A Detection. <i>ChemBioChem</i> , 2005, 6, 1361-1367.	1.3	10
137	Sensitive luciferin derived probes for selective carboxypeptidase activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3931-3934.	1.0	10
138	Versatile Nanodelivery Platform to Maximize siRNA Combination Therapy. <i>Macromolecular Bioscience</i> , 2017, 17, 1600294.	2.1	10
139	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
140	Total control of fat cells from adipogenesis to apoptosis using a xanthene analog. <i>PLoS ONE</i> , 2017, 12, e0179158.	1.1	9
141	A peptide-acridine conjugate with ribonucleolytic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1992, 2, 303-306.	1.0	8
142	Detection of Dysplastic Intestinal Adenomas Using a Fluorescent Folate Imaging Probe. <i>Molecular Imaging</i> , 2005, 4, 153535002005041.	0.7	8
143	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
144	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

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145	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
146	Imaging Reactive Oxygen Species in Arthritis. <i>Molecular Imaging</i> , 2004, 3, 153535002004041.	0.7	7
147	siRNA Nanoparticles for Ultra-Long Gene Silencing In Vivo. <i>Methods in Molecular Biology</i> , 2016, 1372, 113-120.	0.4	7
148	Bidentate iminodiacetate modified dendrimer for bone imaging. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1252-1255.	1.0	7
149	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
150	Osteotropic cancer diagnosis by an osteocalcin inspired molecular imaging mimetic. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4621-4627.	1.1	6
151	Selective photo-ablation of glioma cells using an enzyme activatable photosensitizer. <i>Chemical Communications</i> , 2020, 56, 13860-13863.	2.2	6
152	Colorful lighting in the operating room. <i>Quantitative Imaging in Medicine and Surgery</i> , 2013, 3, 186-8.	1.1	6
153	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
154	A Convenient Method for the Preparation of Nitriles from Aldehydes and Aldoximes. <i>Journal of the Chinese Chemical Society</i> , 1988, 35, 459-462.	0.8	5
155	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
156	Multifunctional Nanodelivery Platform for Maximizing Nucleic Acids Combination Therapy. <i>Methods in Molecular Biology</i> , 2020, 2115, 79-90.	0.4	4
157	A cardiac tissue-specific binding agent of troponin I. <i>Molecular BioSystems</i> , 2012, 8, 2629.	2.9	3
158	Exploring the structural requirements of collagen-binding peptides. <i>Biopolymers</i> , 2013, 100, 167-173.	1.2	2
159	Development of a fluorescent cardiomyocyte specific binding probe. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1706-1717.	1.4	2
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