

Wellington Pham

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,348
citations

257101

24
h-index

205818

48
g-index

59
all docs

59
docs citations

59
times ranked

3423
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved synthesis of an ergothioneine PET radioligand for imaging oxidative stress in Alzheimer's disease. <i>FEBS Letters</i> , 2022, 596, 1279-1289.	1.3	6
2	Longitudinal Consumption of Ergothioneine Reduces Oxidative Stress and Amyloid Plaques and Restores Glucose Metabolism in the 5XFAD Mouse Model of Alzheimer's Disease. <i>Pharmaceuticals</i> , 2022, 15, 742.	1.7	16
3	Inhalable Thioflavin S for the Detection of Amyloid Beta Deposits in the Retina. <i>Molecules</i> , 2021, 26, 835.	1.7	9
4	Design, Synthesis, and Validation of a Novel [¹¹ C]Promethazine PET Probe for Imaging Abeta Using Autoradiography. <i>Molecules</i> , 2021, 26, 2182.	1.7	0
5	A novel antioxidant ergothioneine PET radioligand for in vivo imaging applications. <i>Scientific Reports</i> , 2021, 11, 18450.	1.6	4
6	Quantifying the effects of quadrupolar sinks via ¹⁵ N relaxation dynamics in metronidazoles hyperpolarized via SABRE-SHEATH. <i>Chemical Communications</i> , 2020, 56, 9098-9101.	2.2	32
7	A Robust and Scalable High-Throughput Compatible Assay for Screening Amyloid- β -Binding Compounds. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 187-197.	1.2	7
8	Hyperpolarizing Concentrated Metronidazole ¹⁵ NO ₂ Group over Six Chemical Bonds with More than 15% Polarization and a 20 Minute Lifetime. <i>Chemistry - A European Journal</i> , 2019, 25, 8829-8836.	1.7	48
9	A Combinatorial Approach for the Fabrication of Magneto-Optical Hybrid Nanoparticles.	3.3	1
10	Lipopolysaccharide Induced Opening of the Blood Brain Barrier on Aging 5XFAD Mouse Model. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 503-513.	1.2	40
11	Mice-to-men comparison of inhaled drug-aerosol deposition and clearance. <i>Respiratory Physiology and Neurobiology</i> , 2019, 260, 82-94.	0.7	28
12	Tumor recognition of peanut agglutinin-immobilized fluorescent nanospheres in biopsied human tissues. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 136, 29-37.	2.0	4
13	Effects of Deuteration of ¹³ C-Enriched Phospholactate on Efficiency of Parahydrogen-Induced Polarization by Magnetic Field Cycling. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24740-24749.	1.5	12
14	Specific Molecular Recognition as a Strategy to Delineate Tumor Margin Using Topically Applied Fluorescence Embedded Nanoparticles. <i>Precision Nanomedicine</i> , 2018, 1, 194-207.	0.4	3
15	In vivo evaluation of IGF1R/IR PET ligand [¹⁸ F]BMS-754807 in rodents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 941-943.	1.0	7
16	High-resolution hyperpolarized in vivo metabolic ¹³ C spectroscopy at low magnetic field (48.7 mT) following murine tail-vein injection. <i>Journal of Magnetic Resonance</i> , 2017, 281, 246-252.	1.2	26
17	Evaluation of a novel fluorescent nanobeacon for targeted imaging of Thomsen-Friedenreich associated colorectal cancer. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 1747-1755.	3.3	6
18	Improved proliferation of antigen-specific cytolytic T lymphocytes using a multimodal nanovaccine. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 6103-6121.	3.3	10

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19	Aerosol Delivery of Curcumin Reduced Amyloid- β^2 Deposition and Improved Cognitive Performance in a Transgenic Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 797-811.	1.2	42
20	Open-Source Automated Parahydrogen Hyperpolarizer for Molecular Imaging Using ^{13}C Metabolic Contrast Agents. <i>Analytical Chemistry</i> , 2016, 88, 8279-8288.	3.2	84
21	Specificity of lectin-immobilized fluorescent nanospheres for colorectal tumors in a mouse model which better resembles the clinical disease. <i>Contrast Media and Molecular Imaging</i> , 2015, 10, 135-143.	0.4	8
22	Toxicity studies of coumarin 6-encapsulated polystyrene nanospheres conjugated with peanut agglutinin and poly(N-vinylacetamide) as a colonoscopic imaging agent in rats. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1227-1236.	1.7	8
23	Fluorescence-based endoscopic imaging of Thomsen-Friedenreich antigen to improve early detection of colorectal cancer. <i>International Journal of Cancer</i> , 2015, 136, 1095-1103.	2.3	17
24	Inhalable Curcumin: Offering the Potential for Translation to Imaging and Treatment of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 283-295.	1.2	40
25	Dephosphorylation and biodistribution of ^{13}C -phospholactate <i>in vivo</i> . <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014, 57, 517-524.	0.5	26
26	A Novel Reporter System for Molecular Imaging and High-Throughput Screening of Anticancer Drugs. <i>ChemBioChem</i> , 2013, 14, 1494-1503.	1.3	6
27	Multifunctional nanobeacon for imaging Thomsen-Friedenreich antigen-associated colorectal cancer. <i>International Journal of Cancer</i> , 2013, 132, 2107-2117.	2.3	18
28	A comprehensive analysis of transfection-assisted delivery of iron oxide nanoparticles to dendritic cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 1235-1244.	1.7	18
29	Identification of promethazine as an amyloid-binding molecule using a fluorescence high-throughput assay and MALDI imaging mass spectrometry. <i>NeuroImage: Clinical</i> , 2013, 2, 620-629.	1.4	20
30	Research Highlights: Highlights from the latest articles in nanomedicine. <i>Nanomedicine</i> , 2013, 8, 1909-1911.	1.7	3
31	Convergent synthesis and evaluation of ^{18}F -labeled azulenyl COX2 probes for cancer imaging. <i>Frontiers in Oncology</i> , 2012, 2, 207.	1.3	7
32	Molecular imaging probe development: a chemistry perspective. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 2, 273-306.	1.0	38
33	Fluorescent magnetic hybrid nanoprobe for multimodal bioimaging. <i>Nanotechnology</i> , 2011, 22, 275606.	1.3	29
34	Induction of Antitumor Immunity by Dendritic Cells Loaded with Membrane-Translocating Mucin 1 Peptide Antigen. <i>Translational Oncology</i> , 2011, 4, 1-8.	1.7	7
35	Essence of affinity and specificity of peanut agglutinin-immobilized fluorescent nanospheres with surface poly(N-vinylacetamide) chains for colorectal cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 537-543.	2.0	10
36	Quantitative Estimates of the Variability of In Vivo Sonographic Measurements of the Mouse Aorta for Studies of Abdominal Aortic Aneurysms and Related Arterial Diseases. <i>Journal of Ultrasound in Medicine</i> , 2011, 30, 773-784.	0.8	10

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37	Near-Infrared Dyes: Probe Development and Applications in Optical Molecular Imaging. <i>Current Organic Synthesis</i> , 2011, 8, 521-534.	0.7	75
38	Lectin-Immobilized Fluorescent Nanospheres for Targeting to Colorectal Cancer from a Physicochemical Perspective. <i>Current Drug Discovery Technologies</i> , 2011, 8, 367-378.	0.6	11
39	A potential of peanut agglutinin-immobilized fluorescent nanospheres as a safe candidate of diagnostic drugs for colonoscopy. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 42, 340-347.	1.9	14
40	Multimodal imaging of dendritic cells using a novel hybrid magneto-optical nanoprobe. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 489-496.	1.7	28
41	Magnetic nanoparticles for imaging dendritic cells. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 1383-1390.	1.9	29
42	Functionalization of iron oxide nanoparticles with a versatile epoxy amine linker. <i>Journal of Materials Chemistry</i> , 2010, 20, 4776.	6.7	19
43	Dendritic cells: therapy and imaging. <i>Expert Opinion on Biological Therapy</i> , 2009, 9, 539-564.	1.4	20
44	Synthesis of bicyclo[5.3.0]azulene derivatives. <i>Nature Protocols</i> , 2009, 4, 1113-1117.	5.5	9
45	A near-infrared dye for multichannel imaging. <i>Chemical Communications</i> , 2008, , 1895.	2.2	43
46	Tracking the Migration of Dendritic Cells By In Vivo Optical Imaging. <i>Neoplasia</i> , 2007, 9, 1130-1137.	2.3	29
47	In vivo imaging of siRNA delivery and silencing in tumors. <i>Nature Medicine</i> , 2007, 13, 372-377.	15.2	659
48	Imaging Farnesyl Protein Transferase Using a Topologically Activated Probe. <i>Journal of the American Chemical Society</i> , 2006, 128, 11736-11737.	6.6	6
49	In vivo imaging of tumor response to therapy using a dual-modality imaging strategy. <i>International Journal of Cancer</i> , 2006, 118, 2796-2802.	2.3	117
50	Crossing the blood-brain barrier: A potential application of myristoylated polyarginine for in vivo neuroimaging. <i>NeuroImage</i> , 2005, 28, 287-292.	2.1	65
51	Synthesis and Application of a Water-Soluble Near-Infrared Dye for Cancer Detection Using Optical Imaging. <i>Bioconjugate Chemistry</i> , 2005, 16, 735-740.	1.8	65
52	Human myeloperoxidase: A potential target for molecular MR imaging in atherosclerosis. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 1021-1028.	1.9	127
53	Enhancing Membrane Permeability by Fatty Acylation of Oligoarginine Peptides. <i>ChemBioChem</i> , 2004, 5, 1148-1151.	1.3	57
54	Developing a Peptide-Based Near-Infrared Molecular Probe for Protease Sensing. <i>Bioconjugate Chemistry</i> , 2004, 15, 1403-1407.	1.8	145

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55	A practical approach for the preparation of monofunctional azulenyl squaraine dye. <i>Tetrahedron Letters</i> , 2003, 44, 3975-3978.	0.7	18
56	High Efficiency Synthesis of a Bioconjugatable Near-Infrared Fluorochrome. <i>Bioconjugate Chemistry</i> , 2003, 14, 1048-1051.	1.8	64
57	An Azulene Dimer as a Near-Infrared Quencher. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3659-3662.	7.2	86
58	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