

Yubin Miao

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,586
citations

218677

26
h-index

289244

40
g-index

51
all docs

51
docs citations

51
times ranked

1070
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Albumin-Binding Moiety on Tumor Targeting and Biodistribution Properties of ⁶⁷ Ga-Labeled Albumin Binder-Conjugated Alpha-Melanocyte-Stimulating Hormone Peptides. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2022, 37, 47-55.	1.0	1
2	Novel Al ¹⁸ F-NOTA-Conjugated Lactam-Cyclized $\hat{\pm}$ -Melanocyte-Stimulating Hormone Peptides with Enhanced Melanoma Uptake. <i>Bioconjugate Chemistry</i> , 2022, 33, 982-990.	3.6	1
3	Novel ⁶⁴ Cu-Labeled NOTA-Conjugated Lactam-Cyclized Alpha-Melanocyte-Stimulating Hormone Peptides with Enhanced Tumor to Kidney Uptake Ratios. <i>Molecular Pharmaceutics</i> , 2022, 19, 2535-2541.	4.6	6
4	Advances in Receptor-Targeted Radiolabeled Peptides for Melanoma Imaging and Therapy. <i>Journal of Nuclear Medicine</i> , 2021, 62, 313-318.	5.0	14
5	Novel [^{99m} Tc]-Tricarbonyl-NOTA-Conjugated Lactam-Cyclized Alpha-MSH Peptide with Enhanced Melanoma Uptake and Reduced Renal Uptake. <i>Molecular Pharmaceutics</i> , 2020, 17, 3581-3588.	4.6	14
6	Facile preparation of a novel Ga-67-labeled NODAGA-conjugated lactam-cyclized alpha-MSH peptide at room temperature for melanoma targeting. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127627.	2.2	1
7	Melanoma-Targeting Property of Y-90-Labeled Lactam-Cyclized $\hat{\pm}$ -Melanocyte-Stimulating Hormone Peptide. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2019, 34, 597-603.	1.0	11
8	Evaluation of a Novel Pb-203-Labeled Lactam-Cyclized Alpha-Melanocyte-Stimulating Hormone Peptide for Melanoma Targeting. <i>Molecular Pharmaceutics</i> , 2019, 16, 1694-1702.	4.6	26
9	A docked state conformational dynamics model to explain the ionic strength dependence of FMN $\hat{\leftarrow}$ heme electron transfer in nitric oxide synthase. <i>Journal of Inorganic Biochemistry</i> , 2018, 184, 146-155.	3.5	5
10	⁶⁸ Ga-DOTA-GGNle-CycMSH _{hex} targets the melanocortin-1 receptor for melanoma imaging. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	30
11	Role of an isoform $\hat{\leftarrow}$ specific residue at the calmodulin $\hat{\leftarrow}$ heme (NO synthase) interface in the FMN $\hat{\leftarrow}$ heme electron transfer. <i>FEBS Letters</i> , 2018, 592, 2425-2431.	2.8	4
12	GABAA Receptor Availability Changes Underlie Symptoms in Isolated Cervical Dystonia. <i>Frontiers in Neurology</i> , 2018, 9, 188.	2.4	28
13	Matched-pair, ⁸⁶ Y/ ⁹⁰ Y-labeled, bivalent RGD/bombesin antagonist, [RGD-Glu-[DO3A]-6-Ahx-RM2], as a potential theranostic agent for prostate cancer. <i>Nuclear Medicine and Biology</i> , 2018, 62-63, 71-77.	0.6	14
14	Metastatic melanoma imaging using a novel Tc-99m-labeled lactam-cyclized alpha-MSH peptide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4952-4955.	2.2	5
15	Evaluation of novel ¹¹¹ In-labeled gonadotropin-releasing hormone peptides for human prostate cancer imaging. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4647-4651.	2.2	8
16	Imaging human melanoma using a novel Tc-99m-labeled lactam bridge-cyclized alpha-MSH peptide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4724-4728.	2.2	9
17	Dual receptor-targeting ^{99m} Tc-labeled Arg-Gly-Asp-conjugated Alpha-Melanocyte stimulating hormone hybrid peptides for human melanoma imaging. <i>Nuclear Medicine and Biology</i> , 2015, 42, 369-374.	0.6	10
18	Tc-99m-labeled RGD-conjugated alpha-melanocyte stimulating hormone hybrid peptides with reduced renal uptake. <i>Amino Acids</i> , 2015, 47, 813-823.	2.7	2

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19	Probing the Hydrogen Bonding of the Ferrous ²⁺ NO Heme Center of nNOS by Pulsed Electron Paramagnetic Resonance. <i>Journal of Physical Chemistry A</i> , 2015, 119, 6641-6649.	2.5	6
20	Characterization and evaluation of DOTA-conjugated Bombesin/RGD-antagonists for prostate cancer tumor imaging and therapy. <i>Nuclear Medicine and Biology</i> , 2015, 42, 99-108.	0.6	25
21	Introduction of an 8-Aminooctanoic Acid Linker Enhances Uptake of ^{99m} Tc-Labeled Lactam Bridge-Cyclized $\hat{\pm}$ -MSH Peptide in Melanoma. <i>Journal of Nuclear Medicine</i> , 2014, 55, 2057-2063.	5.0	35
22	Introduction of d-Phenylalanine enhanced the receptor binding affinities of gonadotropin-releasing hormone peptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 725-730.	2.2	3
23	A heterodimeric [RGD-Glu-[⁶⁴ Cu-NO ₂ A]-6-Ahx-RM ₂] $\hat{\pm}$ ²³ /GRPr-targeting antagonist radiotracer for PET imaging of prostate tumors. <i>Nuclear Medicine and Biology</i> , 2014, 41, 133-139.	0.6	33
24	Linker modification reduced the renal uptake of technetium-99m-labeled Arg-Ala-Asp-conjugated alpha-melanocyte stimulating hormone peptide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 195-198.	2.2	2
25	Melanoma targeting property of a Lu-177-labeled lactam bridge-cyclized alpha-MSH peptide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2319-2323.	2.2	25
26	Influences of hydrocarbon linkers on the receptor binding affinities of gonadotropin-releasing hormone peptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5484-5487.	2.2	9
27	Design and Evaluation of New Tc-99m-Labeled Lactam Bridge-Cyclized Alpha-MSH Peptides for Melanoma Imaging. <i>Molecular Pharmaceutics</i> , 2013, 10, 1400-1408.	4.6	31
28	Effects of the Arg-Pro and Gly-Gly-Nle Moieties on Melanocortin-1 Receptor Binding Affinities of $\hat{\pm}$ -MSH Peptides. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 1000-1004.	2.8	1
29	Cu-64-Labeled Lactam Bridge-Cyclized $\hat{\pm}$ -MSH Peptides for PET Imaging of Melanoma. <i>Molecular Pharmaceutics</i> , 2012, 9, 2322-2330.	4.6	37
30	Gallium-67-Labeled Lactam Bridge-Cyclized Alpha-MSH Peptides with Enhanced Melanoma Uptake and Reduced Renal Uptake. <i>Bioconjugate Chemistry</i> , 2012, 23, 1341-1348.	3.6	36
31	Synthesis and Evaluation of Novel Gonadotropin-Releasing Hormone Receptor-Targeting Peptides. <i>Bioconjugate Chemistry</i> , 2011, 22, 1682-1689.	3.6	28
32	Effects of the Amino Acid Linkers on the Melanoma-Targeting and Pharmacokinetic Properties of ¹¹¹ In-Labeled Lactam Bridge-Cyclized $\hat{\pm}$ -MSH Peptides. <i>Journal of Nuclear Medicine</i> , 2011, 52, 608-616.	5.0	50
33	Reduction of the Ring Size of Radiolabeled Lactam Bridge-Cyclized $\hat{\pm}$ -MSH Peptide, Resulting in Enhanced Melanoma Uptake. <i>Journal of Nuclear Medicine</i> , 2010, 51, 418-426.	5.0	48
34	Technetium-99m-labeled Arg-Gly-Asp-conjugated alpha-melanocyte stimulating hormone hybrid peptides for human melanoma imaging. <i>Nuclear Medicine and Biology</i> , 2010, 37, 873-883.	0.6	32
35	Metastatic melanoma imaging with an ¹¹¹ In-labeled lactam bridge-cyclized $\hat{\pm}$ -melanocyte-stimulating hormone peptide. <i>Nuclear Medicine and Biology</i> , 2009, 36, 267-276.	0.6	41
36	Gallium-67-Labeled Lactam Bridge-Cyclized $\hat{\pm}$ -Melanocyte Stimulating Hormone Peptide for Primary and Metastatic Melanoma Imaging. <i>Bioconjugate Chemistry</i> , 2009, 20, 2356-2363.	3.6	30

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37	Peptide-targeted radionuclide therapy for melanoma. <i>Critical Reviews in Oncology/Hematology</i> , 2008, 67, 213-228.	4.4	66
38	¹¹¹ In-Labeled Lactam Bridge-Cyclized α -Melanocyte Stimulating Hormone Peptide Analogues for Melanoma Imaging. <i>Bioconjugate Chemistry</i> , 2008, 19, 539-547.	3.6	57
39	²⁰³ Pb-Labeled α -Melanocyte Stimulating Hormone Peptide as an Imaging Probe for Melanoma Detection. <i>Journal of Nuclear Medicine</i> , 2008, 49, 823-829.	5.0	53
40	Therapeutic Efficacy of a ¹⁷⁷ Lu-Labeled DOTA Conjugated α -Melanocyte-Stimulating Hormone Peptide in a Murine Melanoma-Bearing Mouse Model. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2007, 22, 333-341.	1.0	33
41	Alpha-melanocyte stimulating hormone peptide-targeted melanoma imaging. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 4514.	3.0	32
42	Synthesis and biologic evaluation of ⁶⁴ Cu-labeled rhenium-cyclized alpha-MSH peptide analog using a cross-bridged cyclam chelator. <i>Journal of Nuclear Medicine</i> , 2007, 48, 64-72.	5.0	57
43	^{99m} Tc- and ¹¹¹ In-labeled alpha-melanocyte-stimulating hormone peptides as imaging probes for primary and pulmonary metastatic melanoma detection. <i>Journal of Nuclear Medicine</i> , 2007, 48, 73-80.	5.0	74
44	Reducing renal uptake of ⁹⁰ Y- and ¹⁷⁷ Lu-labeled alpha-melanocyte stimulating hormone peptide analogues. <i>Nuclear Medicine and Biology</i> , 2006, 33, 723-733.	0.6	38
45	Melanoma Therapy via Peptide-Targeted α -Radiation. <i>Clinical Cancer Research</i> , 2005, 11, 5616-5621.	7.0	118
46	Imaging of Melanoma Using ⁶⁴ Cu and ⁸⁶ Y-DOTA-ReCCMSH(Arg11), a Cyclized Peptide Analogue of α -MSH. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 2985-2992.	6.4	124
47	Tumor-targeting properties of ⁹⁰ Y- and ¹⁷⁷ Lu-labeled α -melanocyte stimulating hormone peptide analogues in a murine melanoma model. <i>Nuclear Medicine and Biology</i> , 2005, 32, 485-493.	0.6	47
48	Therapeutic efficacy of a ¹⁸⁸ Re-labeled alpha-melanocyte-stimulating hormone peptide analog in murine and human melanoma-bearing mouse models. <i>Journal of Nuclear Medicine</i> , 2005, 46, 121-9.	5.0	65
49	Evaluation of the Human Melanoma Targeting Properties of Radiolabeled α -Melanocyte Stimulating Hormone Peptide Analogues. <i>Bioconjugate Chemistry</i> , 2003, 14, 1177-1184.	3.6	73
50	In vivo evaluation of ¹⁸⁸ Re-labeled alpha-melanocyte stimulating hormone peptide analogs for melanoma therapy. <i>International Journal of Cancer</i> , 2002, 101, 480-487.	5.1	88