

# Mengchao Cui

## List of Publications by Year in descending order

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111  
papers

2,991  
citations

212478

28  
h-index

232693

48  
g-index

120  
all docs

120  
docs citations

120  
times ranked

3757  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated lipidomic and transcriptomic analysis reveals clarithromycin-induced alteration of glycerophospholipid metabolism in the cerebral cortex of mice. <i>Cell Biology and Toxicology</i> , 2023, 39, 771-793.	2.4	2
2	Neonatal exposure to sevoflurane induces adolescent neurobehavioral dysfunction by interfering with hippocampal glycerophospholipid metabolism in rats. <i>Cerebral Cortex</i> , 2023, 33, 1955-1971.	1.6	2
3	Discovery and development of brain-penetrant 18F-labeled radioligands for neuroimaging of the sigma-2 receptors. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1406-1415.	5.7	6
4	mTOR regulates cocaine-induced behavioural sensitization through the SynDIG1-GluA2 interaction in the nucleus accumbens. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 295-306.	2.8	3
5	Evaluation of N, O-Benzamide difluoroboron derivatives as near-infrared fluorescent probes to detect A $\beta$ -amyloid and tau tangles. <i>European Journal of Medicinal Chemistry</i> , 2022, 227, 113968.	2.6	15
6	Current Progress in the Development of Probes for Targeting A $\beta$ -Synuclein Aggregates. <i>ACS Chemical Neuroscience</i> , 2022, 13, 552-571.	1.7	8
7	Genetic and Molecular Evaluation of SQSTM1/p62 on the Neuropathologies of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 829232.	1.7	7
8	Recent development in selective Tau tracers for PET imaging in the brain. <i>Chinese Chemical Letters</i> , 2022, 33, 3339-3348.	4.8	5
9	China's radiopharmaceuticals on expressway: 2014-2021. <i>Radiochimica Acta</i> , 2022, 110, 765-784.	0.5	1
10	Synapse differentiation-induced gene 1 regulates stress-induced depression through interaction with the AMPA receptor GluA2 subunit of nucleus accumbens in male mice. <i>Neuropharmacology</i> , 2022, 213, 109076.	2.0	3
11	Rational Design of Quinoxalinone-Based Red-Emitting Probes for High-Affinity and Long-Term Visualizing Amyloid-A $\beta$ In Vivo. <i>Analytical Chemistry</i> , 2022, 94, 7665-7673.	3.2	21
12	Flexible multidentate benzyldiamine derivatives with high affinity for A $\beta$ -amyloid in cerebral amyloid angiopathy. <i>Molecular Diversity</i> , 2021, 25, 525-533.	2.1	2
13	18F-labeled 2-phenylbenzoheterocycles with chiral dihydroxyl side chains as A $\beta$ -amyloid imaging probes. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 29, 115884.	1.4	3
14	Synthesis and Evaluation of Fluorine-18 Labeled 2-Phenylquinoxaline Derivatives as Potential Tau Imaging Agents. <i>Molecular Pharmaceutics</i> , 2021, 18, 1176-1195.	2.3	16
15	Near-Infrared Fluorescent Probes with Rotatable Polyacetylene Chains for the Detection of Amyloid-A $\beta$ Plaques. <i>Journal of Physical Chemistry B</i> , 2021, 125, 497-506.	1.2	11
16	Proximal junctional kyphosis in Lenke 5 AIS patients: the important factor of pelvic incidence. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 185.	0.8	4
17	Synthesis, Preclinical Evaluation, and First-in-Human PET Study of Quinoline-Containing PSMA Tracers with Decreased Renal Excretion. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4179-4195.	2.9	16
18	A Novel Small Molecule, LCG-N25, Inhibits Oral Streptococcal Biofilm. <i>Frontiers in Microbiology</i> , 2021, 12, 654692.	1.5	7

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19	Visualizing Tumors in Real Time: A Highly Sensitive PSMA Probe for NIR-II Imaging and Intraoperative Tumor Resection. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7735-7745.	2.9	16
20	4R Tau Modulates Cocaine-Associated Memory through Adult Dorsal Hippocampal Neurogenesis. <i>Journal of Neuroscience</i> , 2021, 41, 6753-6774.	1.7	6
21	Turn-On Quinoline-Based Fluorescent Probe for Selective Imaging of Tau Aggregates in Alzheimer's Disease: Rational Design, Synthesis, and Molecular Docking. <i>ACS Sensors</i> , 2021, 6, 2281-2289.	4.0	28
22	WDR5 promotes the tumorigenesis of oral squamous cell carcinoma via CARM1/ $\beta$ -catenin axis. <i>Odontology / the Society of the Nippon Dental University</i> , 2021, , 1.	0.9	3
23	Correlation between small and dense low-density lipoprotein cholesterol and cardiovascular events in Beijing community population. <i>Journal of Clinical Hypertension</i> , 2021, 23, 345-351.	1.0	5
24	Cytoplasmic SHMT2 drives the progression and metastasis of colorectal cancer by inhibiting $\beta$ -catenin degradation. <i>Theranostics</i> , 2021, 11, 2966-2986.	4.6	35
25	A method for colocalizing lineage tracing reporter and RNAscope signals on skeletal tissue section. <i>Rna</i> , 2021, 27, 359-365.	1.6	0
26	Design and synthesis of a new conjugate of a tris(3-hydroxy-4-pyridinone) chelator (KC18) for potential use as gallium-68-labeled prostate-specific membrane antigen (PSMA) radiopharmaceutical. <i>Results in Chemistry</i> , 2021, 3, 100240.	0.9	5
27	Mitochondrial Membrane Remodeling. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 786806.	2.0	10
28	$^{68}\text{Ga}$ -DOTA-DiPSMA PET/CT Imaging: Biodistribution, Dosimetry, and Preliminary Application in Prostate Cancer. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 811972.	2.0	1
29	Biodistribution and Dosimetry Evaluation for a Novel Tau Tracer [ $^{18}\text{F}$ ]-S16 in Healthy Volunteers and Its Application in Assessment of Tau Pathology in Alzheimer's Disease. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 812818.	2.0	5
30	Endocannabinoid signaling regulates the reinforcing and psychostimulant effects of ketamine in mice. <i>Nature Communications</i> , 2020, 11, 5962.	5.8	15
31	Synergistic antitumor effect of 5-fluorouracil with the novel LSD1 inhibitor ZY0511 in colorectal cancer. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592093742.	1.4	20
32	pH-Sensitive Near-IR Emitting Dinuclear Ruthenium Complex for Recognition, Two-Photon Luminescent Imaging, and Subcellular Localization of Cancer Cells. <i>ACS Applied Bio Materials</i> , 2020, 3, 5420-5427.	2.3	8
33	Discovery of Diphenoxy Derivatives with Flexible Linkers as Ligands for $\beta$ -Amyloid Plaques. <i>Molecular Pharmaceutics</i> , 2020, 17, 4089-4100.	2.3	3
34	N,O-Benzamide difluoroboron complexes as near-infrared probes for the detection of $\beta$ -amyloid and tau fibrils. <i>Chemical Communications</i> , 2020, 56, 7269-7272.	2.2	16
35	Reprogramming of lipid metabolism in cancer-associated fibroblasts potentiates migration of colorectal cancer cells. <i>Cell Death and Disease</i> , 2020, 11, 267.	2.7	135
36	Dual-functional red-emitting fluorescent probes for imaging beta-amyloid plaques and viscosity. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126903.	4.0	29

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37	Synthesis and bioevaluation of technetium-99m / rhenium labeled phenylquinoxaline derivatives as Tau imaging probes. <i>European Journal of Medicinal Chemistry</i> , 2019, 177, 291-301.	2.6	5
38	Environment-Sensitive Near-Infrared Probe for Fluorescent Discrimination of A $\beta$ 2 and Tau Fibrils in AD Brain. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6694-6704.	2.9	52
39	Chronic alcohol causes alteration of lipidome profiling in brain. <i>Toxicology Letters</i> , 2019, 313, 19-29.	0.4	13
40	Half-curcumin analogues as PET imaging probes for amyloid beta species. <i>Chemical Communications</i> , 2019, 55, 3630-3633.	2.2	16
41	Oligoethyleneoxy-Modified <sup>99m</sup> Tc-Labeled $\beta$ -Amyloid Imaging Probes with Improved Brain Pharmacokinetics for Single-Photon Emission Computed Tomography. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1330-1339.	2.9	14
42	The efficacy of posterior hemivertebra resection with lumbosacral fixation and fusion in the treatment of congenital scoliosis: A more than 2-year follow-up study. <i>Clinical Neurology and Neurosurgery</i> , 2018, 164, 154-159.	0.6	11
43	Al18F-NODA Benzothiazole Derivatives as Imaging Agents for Cerebrovascular Amyloid in Cerebral Amyloid Angiopathy. <i>ACS Omega</i> , 2018, 3, 13089-13096.	1.6	8
44	Novel D-Asp based near-infrared probes for the detection of $\beta$ 2-amyloid and Tau fibrils in Alzheimer's disease. <i>Chemical Communications</i> , 2018, 54, 8717-8720.	2.2	50
45	Increased glutamine anabolism sensitizes non-small cell lung cancer to gefitinib treatment. <i>Cell Death Discovery</i> , 2018, 4, 24.	2.0	15
46	Structure-Property Relationships of Polyethylene Glycol Modified Fluorophore as Near-Infrared $\beta$ 2 Imaging Probes. <i>Analytical Chemistry</i> , 2018, 90, 8576-8582.	3.2	22
47	Fluorescent Imaging of Amyloid- $\beta$ 2 Deposits in Brain: An Overview of Probe Development and a Highlight of the Applications for In Vivo Imaging. <i>Current Medicinal Chemistry</i> , 2018, 25, 2736-2759.	1.2	20
48	Highly specific noninvasive photoacoustic and positron emission tomography of brain plaque with functionalized croconium dye labeled by a radiotracer. <i>Chemical Science</i> , 2017, 8, 2710-2716.	3.7	62
49	1-(4-[ <sup>18</sup> F]Fluorobenzyl)-4-[(tetrahydrofuran-2-yl)methyl]piperazine: A Novel Suitable Radioligand with Low Lipophilicity for Imaging $\beta$ 1 Receptors in the Brain. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4161-4172.	2.9	24
50	(R)- and (S)-18F-labeled 2-arylbenzofurans with improved pharmacokinetics as $\beta$ 2-amyloid imaging probes. <i>European Journal of Medicinal Chemistry</i> , 2017, 134, 271-280.	2.6	6
51	18 F-Labeled indole-based analogs as highly selective radioligands for imaging sigma-2 receptors in the brain. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3792-3802.	1.4	18
52	Recent progress in the development of metal complexes as $\beta$ 2-amyloid imaging probes in the brain. <i>MedChemComm</i> , 2017, 8, 1393-1407.	3.5	36
53	Smart D-Asp Type Near-Infrared $\beta$ 2 Probes: Effects of a Marked $\beta$ Bridge on Optical and Biological Properties. <i>Analytical Chemistry</i> , 2017, 89, 9432-9437.	3.2	64
54	Neutral merocyanine dyes: for in vivo NIR fluorescence imaging of amyloid- $\beta$ 2 plaques. <i>Chemical Communications</i> , 2017, 53, 9910-9913.	2.2	45

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55	Multicomponent Aqueous Synthesis of Iodo-1,2,3-triazoles: Single-Step Models for Dual Modification of Free Peptide and Radioactive Iodo Labeling. <i>Chemistry - A European Journal</i> , 2017, 23, 1166-1172.	1.7	23
56	Prognostic and clinicopathological significance of ubiquitin-specific protease 22 overexpression in cancers: evidence from a meta-analysis. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 5533-5540.	1.0	4
57	Complications of Lumbar Disc Herniation Following Full-endoscopic Interlaminar Lumbar Discectomy: A Large, Single-Center, Retrospective Study. <i>Pain Physician</i> , 2017, 20, E379-E387.	0.3	22
58	Dual-Functional Nanoparticles for In Situ Sequential Detection and Imaging of ATP and H <sub>2</sub> O <sub>2</sub> . <i>Small</i> , 2016, 12, 3920-3924.	5.2	22
59	Emerging S-shaped curves in congenital scoliosis after hemivertebra resection and short segmental fusion. <i>Spine Journal</i> , 2016, 16, 1214-1220.	0.6	19
60	Optically Pure Diphenoxy Derivatives as More Flexible Probes for $\beta$ -Amyloid Plaques. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1275-1282.	1.7	4
61	Radiolabeled pyridinyl analogues of dibenzylideneacetone as $\beta$ -amyloid imaging probes. <i>RSC Advances</i> , 2016, 6, 44646-44654.	1.7	4
62	In vivo near-infrared and Cerenkov luminescence imaging of amyloid- $\beta$ deposits in the brain: a fluorinated small molecule used for dual-modality imaging. <i>Chemical Communications</i> , 2016, 52, 12745-12748.	2.2	14
63	2-Arylbenzothiazoles labeled with [ <sup>99m</sup> Tc(CO) <sub>3</sub> ] and evaluated as $\beta$ -amyloid imaging probes. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 763-772.	2.6	32
64	<sup>99m</sup> Tc-Labeled 2-Arylbenzothiazoles: $\beta$ Imaging Probes with Favorable Brain Pharmacokinetics for Single-Photon Emission Computed Tomography. <i>Bioconjugate Chemistry</i> , 2016, 27, 2493-2504.	1.8	24
65	Evaluation of Tau Imaging in Staging Alzheimer Disease and Revealing Interactions Between $\beta$ -Amyloid and Tauopathy. <i>JAMA Neurology</i> , 2016, 73, 1070.	4.5	246
66	Synthesis and Monkey-PET Study of (R)- and (S)- <sup>18</sup> F-Labeled 2-Arylbenzoheterocyclic Derivatives as Amyloid Probes with Distinctive <i>In Vivo</i> Kinetics. <i>Molecular Pharmaceutics</i> , 2016, 13, 3852-3863.	2.3	13
67	<sup>18</sup> F-Labeled Benzylamine Derivatives as Novel Flexible Probes for Positron Emission Tomography of Cerebral $\beta$ -Amyloid Plaques. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 10577-10585.	2.9	9
68	Amyloid- $\beta$ Deposits Target Efficient Near-Infrared Fluorescent Probes: Synthesis, <i>In Vitro</i> Evaluation, and <i>In Vivo</i> Imaging. <i>Analytical Chemistry</i> , 2016, 88, 1944-1950.	3.2	66
69	Preliminary Characterization and <i>In Vivo</i> Studies of Structurally Identical <sup>18</sup> F- and <sup>125</sup> I-Labeled Benzyloxybenzenes for PET/SPECT Imaging of $\beta$ -Amyloid Plaques. <i>Scientific Reports</i> , 2015, 5, 12084.	1.6	14
70	2-Phenylbenzothiazole conjugated with cyclopentadienyl tricarbonyl [CpM(CO) <sub>3</sub> ] (M = Tl, Pb, Bi, Po, At, Rn) / <i>Overlock 10 Transactions</i> , 2015, 44, 6406-6415.	1.6	34
71	The synthesis and evaluation of near-infrared probes with barbituric acid acceptors for <i>in vivo</i> detection of amyloid plaques. <i>Chemical Communications</i> , 2015, 51, 11665-11668.	2.2	38
72	Compounds for imaging amyloid- $\beta$ deposits in an Alzheimer's brain: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2015, 25, 413-423.	2.4	18

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73	Preliminary evaluation of fluoro-pegylated benzyloxybenzenes for quantification of $\beta$ -amyloid plaques by positron emission tomography. <i>European Journal of Medicinal Chemistry</i> , 2015, 104, 86-96.	2.6	9
74	$^{99m}\text{Tc}(\text{CO})_3$ -Labeled Benzothiazole Derivatives Preferentially Bind Cerebrovascular Amyloid: Potential Use as Imaging Agents for Cerebral Amyloid Angiopathy. <i>Molecular Pharmaceutics</i> , 2015, 12, 2937-2946.	2.3	25
75	Highly Sensitive Near-Infrared Fluorophores for in Vivo Detection of Amyloid- $\beta$ Plaques in Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6972-6983.	2.9	110
76	$^{99m}\text{Tc}$ -labeled-2-arylbenzoxazole derivatives as potential $\text{Al}^{\beta}$ imaging probes for single-photon emission computed tomography. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 331-339.	2.6	18
77	Novel $^{18}\text{F}$ -labeled dibenzylideneacetone derivatives as potential positron emission tomography probes for in vivo imaging of $\beta$ -amyloid plaques. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 628-638.	2.6	9
78	Carbon-11 labeled stilbene derivatives from natural products for the imaging of $\text{A}\beta$ plaques in the brain. <i>Radiochimica Acta</i> , 2014, 102, 185-192.	0.5	0
79	Evaluation of molecules based on the electron donor-acceptor architecture as near-infrared $\beta$ -amyloid-targeting probes. <i>Chemical Communications</i> , 2014, 50, 11875-11878.	2.2	59
80	$^{99m}\text{Tc}$ -labeled benzothiazole and stilbene derivatives as imaging agents for $\text{Al}^{\beta}$ plaques in cerebral amyloid angiopathy. <i>MedChemComm</i> , 2014, 5, 153-158.	3.5	28
81	Novel Cyclopentadienyl Tricarbonyl $^{99m}\text{Tc}$ Complexes Containing 1-Piperonylpiperazine Moiety: Potential Imaging Probes for Sigma-1 Receptors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7113-7125.	2.9	24
82	Synthesis and evaluation of a $^{18}\text{F}$ -labeled spirocyclic piperidine derivative as promising $\beta$ 1 receptor imaging agent. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5270-5278.	1.4	17
83	Smart Near-Infrared Fluorescence Probes with Donor-Acceptor Structure for in Vivo Detection of $\beta$ -Amyloid Deposits. <i>Journal of the American Chemical Society</i> , 2014, 136, 3388-3394.	6.6	242
84	Radiolabeled bioactive benzoheterocycles for imaging $\beta$ -amyloid plaques in Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 703-721.	2.6	36
85	Radioiodinated Benzyloxybenzene Derivatives: A Class of Flexible Ligands Target to $\beta$ -Amyloid Plaques in Alzheimer's Brains. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6030-6042.	2.9	34
86	Synthesis and Evaluation of Novel $^{18}\text{F}$ -Labeled Spirocyclic Piperidine Derivatives as $\beta$ 1 Receptor Ligands for Positron Emission Tomography Imaging. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3478-3491.	2.9	24
87	Synthesis and biological evaluation of $^{18}\text{F}$ labeled fluoro-oligo-ethoxylated 4-benzylpiperazine derivatives for sigma-1 receptor imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 215-222.	1.4	16
88	$^{99m}\text{Tc}$ -labeled dibenzylideneacetone derivatives as potential SPECT probes for in vivo imaging of $\beta$ -amyloid plaque. <i>European Journal of Medicinal Chemistry</i> , 2013, 64, 90-98.	2.6	35
89	$^1\text{H}$ -NMR based metabonomic profiling of human esophageal cancer tissue. <i>Molecular Cancer</i> , 2013, 12, 25.	7.9	65
90	Synthesis and biological evaluation of $^{18}\text{F}$ -labeled 2-phenylindole derivatives as PET imaging probes for $\beta$ -amyloid plaques. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3708-3714.	1.4	8

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91	Structure-Activity Relationships and in Vivo Evaluation of Quinoxaline Derivatives for PET Imaging of $\beta$ -Amyloid Plaques. ACS Medicinal Chemistry Letters, 2013, 4, 596-600.	1.3	25
92	Novel Cyclopentadienyl Tricarbonyl Complexes of $^{99m}\text{Tc}$ Mimicking Chalcone as Potential Single-Photon Emission Computed Tomography Imaging Probes for $\beta$ -Amyloid Plaques in Brain. Journal of Medicinal Chemistry, 2013, 56, 471-482.	2.9	54
93	Past and Recent Progress of Molecular Imaging Probes for $\beta$ -Amyloid Plaques in the Brain. Current Medicinal Chemistry, 2013, 21, 82-112.	1.2	65
94	Synthesis, Crystal Structure and Evaluation of Cancer Inhibitory Activity of 4-[indol-3-yl-Methylene]-1H-pyrazol-5(4H)-one derivatives. Journal of Chemical Research, 2012, 36, 691-696.	0.6	9
95	Novel $^{18}\text{F}$ -Labeled Benzoxazole Derivatives as Potential Positron Emission Tomography Probes for Imaging of Cerebral $\beta$ -Amyloid Plaques in Alzheimer's Disease. Journal of Medicinal Chemistry, 2012, 55, 9136-9145.	2.9	44
96	Synthesis and biological evaluation of a novel $^{99m}\text{Tc}$ cyclopentadienyl tricarbonyl complex ( $[(\text{Cp-R})^{99m}\text{Tc}(\text{CO})_3]$ ) for $\sigma$ -2 receptor tumor imaging. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 6352-6357.	1.0	24
97	Synthesis and Evaluation of Novel $^{18}\text{F}$ Labeled 2-Pyridinylbenzoxazole and 2-Pyridinylbenzothiazole Derivatives as Ligands for Positron Emission Tomography (PET) Imaging of $\beta$ -Amyloid Plaques. Journal of Medicinal Chemistry, 2012, 55, 9283-9296.	2.9	45
98	Synthesis and biological evaluation of novel technetium- $^{99m}$ labeled phenylbenzoxazole derivatives as potential imaging probes for $\beta$ -amyloid plaques in brain. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4327-4331.	1.0	26
99	$^{18}\text{F}$ -Labeled 2-phenylquinoxaline derivatives as potential positron emission tomography probes for in vivo imaging of $\beta$ -amyloid plaques. European Journal of Medicinal Chemistry, 2012, 57, 51-58.	2.6	9
100	Radioiodinated benzimidazole derivatives as single photon emission computed tomography probes for imaging of $\beta$ -amyloid plaques in Alzheimer's disease. Nuclear Medicine and Biology, 2011, 38, 313-320.	0.3	50
101	Synthesis and Structure-Affinity Relationships of Novel Dibenzylideneacetone Derivatives as Probes for $\beta$ -Amyloid Plaques. Journal of Medicinal Chemistry, 2011, 54, 2225-2240.	2.9	65
102	Novel $^{18}\text{F}$ -Labeled Benzofuran Derivatives with Improved Properties for Positron Emission Tomography (PET) Imaging of $\beta$ -Amyloid Plaques in Alzheimer's Brains. Journal of Medicinal Chemistry, 2011, 54, 2971-2979.	2.9	77
103	Synthesis and biological evaluation of novel 4-benzylpiperazine ligands for $\sigma$ -1 receptor imaging. Bioorganic and Medicinal Chemistry, 2011, 19, 2911-2917.	1.4	9
104	$^{99m}\text{Tc}$ - and Re-labeled 6-dialkylamino-2-naphthylethylidene derivatives as imaging probes for $\beta$ -amyloid plaques. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1064-1068.	1.0	17
105	Synthesis and biological evaluation of indole-chalcone derivatives as $\beta$ -amyloid imaging probe. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 980-982.	1.0	37
106	Novel quinoxaline derivatives for in vivo imaging of $\beta$ -amyloid plaques in the brain. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4193-4196.	1.0	26
107	Novel (E)-5-styryl-2,2'-bithiophene derivatives as ligands for $\beta$ -amyloid plaques. European Journal of Medicinal Chemistry, 2011, 46, 2908-2916.	2.6	17
108	Synthesis and evaluation of benzofuran-2-yl(phenyl)methanone derivatives as ligands for $\beta$ -amyloid plaques. Bioorganic and Medicinal Chemistry, 2011, 19, 4148-4153.	1.4	16

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109	Synthesis and evaluation of novel benzothiazole derivatives based on the bithiophene structure as potential radiotracers for $\beta$ -amyloid plaques in Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 2777-2784.	1.4	29
110	Novel anilinophthalimide derivatives as potential probes for $\beta$ -amyloid plaque in the brain. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1337-1343.	1.4	8
111	Preparation of classical $\text{Re}/^{99\text{m}}\text{Tc}(\text{CO})_3^+$ and novel $^{99\text{m}}\text{Tc}(\text{CO})_2(\text{NO})_2^+$ cores complexed with flavonol derivatives and their binding characteristics for $\text{Al}^{3+}$ aggregates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5337-5344.	1.0	18