

# Mengchao Cui

## List of Publications by Year in descending order

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111  
papers

2,991  
citations

186265

28  
h-index

206112

48  
g-index

120  
all docs

120  
docs citations

120  
times ranked

3410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Tau Imaging in Staging Alzheimer Disease and Revealing Interactions Between $\beta$ -Amyloid and Tauopathy. <i>JAMA Neurology</i> , 2016, 73, 1070.	9.0	246
2	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.	13.7	242
3	Reprogramming of lipid metabolism in cancer-associated fibroblasts potentiates migration of colorectal cancer cells. <i>Cell Death and Disease</i> , 2020, 11, 267.	6.3	135
4	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.	6.4	110
5	Novel <sup>18</sup> F-Labeled Benzofuran Derivatives with Improved Properties for Positron Emission Tomography (PET) Imaging of $\beta$ -Amyloid Plaques in Alzheimer's Brains. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2971-2979.	6.4	77
6	Amyloid- $\beta$ Deposits Target Efficient Near-Infrared Fluorescent Probes: Synthesis, in Vitro Evaluation, and in Vivo Imaging. <i>Analytical Chemistry</i> , 2016, 88, 1944-1950.	6.5	66
7	Synthesis and Structure-Affinity Relationships of Novel Dibenzylideneacetone Derivatives as Probes for $\beta$ -Amyloid Plaques. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2225-2240.	6.4	65
8	<sup>1</sup> H-NMR based metabonomic profiling of human esophageal cancer tissue. <i>Molecular Cancer</i> , 2013, 12, 25.	19.2	65
9	Past and Recent Progress of Molecular Imaging Probes for $\beta$ -Amyloid Plaques in the Brain. <i>Current Medicinal Chemistry</i> , 2013, 21, 82-112.	2.4	65
10	Smart D-A Type Near-Infrared $\beta$ Probes: Effects of a Marked Bridge on Optical and Biological Properties. <i>Analytical Chemistry</i> , 2017, 89, 9432-9437.	6.5	64
11	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.	7.4	62
12	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.	4.1	59
13	Novel Cyclopentadienyl Tricarbonyl Complexes of <sup>99m</sup> Tc Mimicking Chalcone as Potential Single-Photon Emission Computed Tomography Imaging Probes for $\beta$ -Amyloid Plaques in Brain. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 471-482.	6.4	54
14	Environment-Sensitive Near-Infrared Probe for Fluorescent Discrimination of $\beta$ and Tau Fibrils in AD Brain. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6694-6704.	6.4	52
15	Radioiodinated benzimidazole derivatives as single photon emission computed tomography probes for imaging of $\beta$ -amyloid plaques in Alzheimer's disease. <i>Nuclear Medicine and Biology</i> , 2011, 38, 313-320.	0.6	50
16	Novel D-A based near-infrared probes for the detection of $\beta$ -amyloid and Tau fibrils in Alzheimer's disease. <i>Chemical Communications</i> , 2018, 54, 8717-8720.	4.1	50
17	Synthesis and Evaluation of Novel <sup>18</sup> F Labeled 2-Pyridinylbenzoxazole and 2-Pyridinylbenzothiazole Derivatives as Ligands for Positron Emission Tomography (PET) Imaging of $\beta$ -Amyloid Plaques. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9283-9296.	6.4	45
18	Neutral merocyanine dyes: for in vivo NIR fluorescence imaging of amyloid- $\beta$ plaques. <i>Chemical Communications</i> , 2017, 53, 9910-9913.	4.1	45

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19	Novel <sup>18</sup> F-Labeled Benzoxazole Derivatives as Potential Positron Emission Tomography Probes for Imaging of Cerebral $\beta$ -Amyloid Plaques in Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9136-9145.	6.4	44
20	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.	4.1	38
21	Synthesis and biological evaluation of indole-chalcone derivatives as $\beta$ -amyloid imaging probe. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 980-982.	2.2	37
22	Radiolabeled bioactive benzoheterocycles for imaging $\beta$ -amyloid plaques in Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 703-721.	5.5	36
23	Recent progress in the development of metal complexes as $\beta$ -amyloid imaging probes in the brain. <i>MedChemComm</i> , 2017, 8, 1393-1407.	3.4	36
24	<sup>99m</sup> Tc-labeled dibenzylideneacetone derivatives as potential SPECT probes for <i>in vivo</i> imaging of $\beta$ -amyloid plaque. <i>European Journal of Medicinal Chemistry</i> , 2013, 64, 90-98.	5.5	35
25	Cytoplasmic SHMT2 drives the progression and metastasis of colorectal cancer by inhibiting $\beta$ -catenin degradation. <i>Theranostics</i> , 2021, 11, 2966-2986.	10.0	35
26	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.	6.4	34
27	2-Phenylbenzothiazole conjugated with cyclopentadienyl tricarbonyl [CpM(CO) <sub>3</sub> ] (M =) Tj ETQq1 1 0.784314 rgBT /Over Transactions, 2015, 44, 6406-6415.	3.3	34
28	2-Arylbenzothiazoles labeled with [CpRe/ <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.	5.5	32
29	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.	3.0	29
30	Dual-functional red-emitting fluorescent probes for imaging beta-amyloid plaques and viscosity. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126903.	7.8	29
31	<sup>99m</sup> Tc-labeled benzothiazole and stilbene derivatives as imaging agents for $\beta$ plaques in cerebral amyloid angiopathy. <i>MedChemComm</i> , 2014, 5, 153-158.	3.4	28
32	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.	7.8	28
33	Novel quinoxaline derivatives for <i>in vivo</i> imaging of $\beta$ -amyloid plaques in the brain. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4193-4196.	2.2	26
34	Synthesis and biological evaluation of novel technetium-99m labeled phenylbenzoxazole derivatives as potential imaging probes for $\beta$ -amyloid plaques in brain. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4327-4331.	2.2	26
35	Structure-Activity Relationships and <i>in Vivo</i> Evaluation of Quinoxaline Derivatives for PET Imaging of $\beta$ -Amyloid Plaques. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 596-600.	2.8	25
36	<sup>99m</sup> Tc(CO) <sub>3</sub> -Labeled Benzothiazole Derivatives Preferentially Bind Cerebrovascular Amyloid: Potential Use as Imaging Agents for Cerebral Amyloid Angiopathy. <i>Molecular Pharmaceutics</i> , 2015, 12, 2937-2946.	4.6	25

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37	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. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6352-6357.	2.2	24
38	Synthesis and Evaluation of Novel $^{18}\text{F}$ -Labeled Spirocyclic Piperidine Derivatives as $\text{5-HT}_1$ Receptor Ligands for Positron Emission Tomography Imaging. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3478-3491.	6.4	24
39	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.	6.4	24
40	$^{99m}\text{Tc}$ -Labeled 2-Arylbenzothiazoles: $\text{A}\beta^2$ Imaging Probes with Favorable Brain Pharmacokinetics for Single-Photon Emission Computed Tomography. <i>Bioconjugate Chemistry</i> , 2016, 27, 2493-2504.	3.6	24
41	1-(4- $^{18}\text{F}$ Fluorobenzyl)-4-[(tetrahydrofuran-2-yl)methyl]piperazine: A Novel Suitable Radioligand with Low Lipophilicity for Imaging $\text{5-HT}_1$ Receptors in the Brain. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4161-4172.	6.4	24
42	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.	3.3	23
43	Dual-Functional Nanoparticles for In Situ Sequential Detection and Imaging of ATP and $\text{H}_2\text{O}_2$ . <i>Small</i> , 2016, 12, 3920-3924.	10.0	22
44	Structure-Property Relationships of Polyethylene Glycol Modified Fluorophore as Near-Infrared $\text{A}\beta^2$ Imaging Probes. <i>Analytical Chemistry</i> , 2018, 90, 8576-8582.	6.5	22
45	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.	0.4	22
46	Rational Design of Quinoxalinone-Based Red-Emitting Probes for High-Affinity and Long-Term Visualizing Amyloid- $\beta^2$ In Vivo. <i>Analytical Chemistry</i> , 2022, 94, 7665-7673.	6.5	21
47	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.	3.2	20
48	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.	2.4	20
49	Emerging S-shaped curves in congenital scoliosis after hemivertebra resection and short segmental fusion. <i>Spine Journal</i> , 2016, 16, 1214-1220.	1.3	19
50	Preparation of classical $\text{Re}/^{99m}\text{Tc}(\text{CO})_3^+$ and novel $^{99m}\text{Tc}(\text{CO})_2(\text{NO})_2^+$ cores complexed with flavonol derivatives and their binding characteristics for $\text{A}\beta^2$ ( $1\text{--}40$ ) aggregates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5337-5344.	2.2	18
51	Compounds for imaging amyloid- $\beta^2$ deposits in an Alzheimer's brain: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2015, 25, 413-423.	5.0	18
52	$^{99m}\text{Tc}$ -labeled-2-arylbenzoxazole derivatives as potential $\text{A}\beta^2$ imaging probes for single-photon emission computed tomography. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 331-339.	5.5	18
53	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.	3.0	18
54	$^{99m}\text{Tc}$ - and Re-labeled 6-dialkylamino-2-naphthylethylidene derivatives as imaging probes for $\beta^2$ -amyloid plaques. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1064-1068.	2.2	17

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55	Novel (E)-5-styryl-2,2â€²-bithiophene derivatives as ligands for Î²-amyloid plaques. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2908-2916.	5.5	17
56	Synthesis and evaluation of a 18F-labeled spirocyclic piperidine derivative as promising Î²1 receptor imaging agent. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5270-5278.	3.0	17
57	Synthesis and evaluation of benzofuran-2-yl(phenyl)methanone derivatives as ligands for Î²-amyloid plaques. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 4148-4153.	3.0	16
58	Synthesis and biological evaluation of 18F labeled fluoro-oligo-ethoxylated 4-benzylpiperazine derivatives for sigma-1 receptor imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 215-222.	3.0	16
59	Half-curcumin analogues as PET imaging probes for amyloid beta species. <i>Chemical Communications</i> , 2019, 55, 3630-3633.	4.1	16
60	<i>N,O</i> -Benzamide difluoroboron complexes as near-infrared probes for the detection of Î²-amyloid and tau fibrils. <i>Chemical Communications</i> , 2020, 56, 7269-7272.	4.1	16
61	Synthesis and Evaluation of Fluorine-18 Labeled 2-Phenylquinoxaline Derivatives as Potential Tau Imaging Agents. <i>Molecular Pharmaceutics</i> , 2021, 18, 1176-1195.	4.6	16
62	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.	6.4	16
63	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.	6.4	16
64	Increased glutamine anabolism sensitizes non-small cell lung cancer to gefitinib treatment. <i>Cell Death Discovery</i> , 2018, 4, 24.	4.7	15
65	Endocannabinoid signaling regulates the reinforcing and psychostimulant effects of ketamine in mice. <i>Nature Communications</i> , 2020, 11, 5962.	12.8	15
66	Evaluation of N, O-Benzamide difluoroboron derivatives as near-infrared fluorescent probes to detect Î²-amyloid and tau tangles. <i>European Journal of Medicinal Chemistry</i> , 2022, 227, 113968.	5.5	15
67	Preliminary Characterization and In Vivo Studies of Structurally Identical 18F- and 125I-Labeled Benzyloxybenzenes for PET/SPECT Imaging of Î²-Amyloid Plaques. <i>Scientific Reports</i> , 2015, 5, 12084.	3.3	14
68	In vivo near-infrared and Cerenkov luminescence imaging of amyloid-Î² deposits in the brain: a fluorinated small molecule used for dual-modality imaging. <i>Chemical Communications</i> , 2016, 52, 12745-12748.	4.1	14
69	Oligoethyleneoxy-Modified <sup>99m</sup> Tc-Labeled Î²-Amyloid Imaging Probes with Improved Brain Pharmacokinetics for Single-Photon Emission Computed Tomography. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1330-1339.	6.4	14
70	Synthesis and Monkey-PET Study of ( <i>R</i> )- and ( <i>S</i> )- <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.	4.6	13
71	Chronic alcohol causes alteration of lipidome profiling in brain. <i>Toxicology Letters</i> , 2019, 313, 19-29.	0.8	13
72	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.	1.4	11

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73	Near-Infrared Fluorescent Probes with Rotatable Polyacetylene Chains for the Detection of Amyloid- $\beta^2$ Plaques. <i>Journal of Physical Chemistry B</i> , 2021, 125, 497-506.	2.6	11
74	Mitochondrial Membrane Remodeling. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 786806.	4.1	10
75	Synthesis and biological evaluation of novel 4-benzylpiperazine ligands for sigma-1 receptor imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 2911-2917.	3.0	9
76	Synthesis, Crystal Structure and Evaluation of Cancer Inhibitory Activity of 4-[indol-3-yl-Methylene]-1 <i>H</i> -pyrazol-5(4 <i>H</i> )-one derivatives. <i>Journal of Chemical Research</i> , 2012, 36, 691-696.	1.3	9
77	$^{18}\text{F}$ -Labeled 2-phenylquinoxaline derivatives as potential positron emission tomography probes for in vivo imaging of $\beta^2$ -amyloid plaques. <i>European Journal of Medicinal Chemistry</i> , 2012, 57, 51-58.	5.5	9
78	Novel $^{18}\text{F}$ -labeled dibenzylideneacetone derivatives as potential positron emission tomography probes for in vivo imaging of $\beta^2$ -amyloid plaques. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 628-638.	5.5	9
79	Preliminary evaluation of fluoro-pegylated benzyloxybenzenes for quantification of $\beta^2$ -amyloid plaques by positron emission tomography. <i>European Journal of Medicinal Chemistry</i> , 2015, 104, 86-96.	5.5	9
80	$^{18}\text{F}$ -Labeled Benzylamine Derivatives as Novel Flexible Probes for Positron Emission Tomography of Cerebral $\beta^2$ -Amyloid Plaques. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 10577-10585.	6.4	9
81	Novel anilinophthalimide derivatives as potential probes for $\beta^2$ -amyloid plaque in the brain. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1337-1343.	3.0	8
82	Synthesis and biological evaluation of $^{18}\text{F}$ -labeled 2-phenylindole derivatives as PET imaging probes for $\beta^2$ -amyloid plaques. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3708-3714.	3.0	8
83	$^{18}\text{F}$ -NODA Benzothiazole Derivatives as Imaging Agents for Cerebrovascular Amyloid in Cerebral Amyloid Angiopathy. <i>ACS Omega</i> , 2018, 3, 13089-13096.	3.5	8
84	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.	4.6	8
85	Current Progress in the Development of Probes for Targeting $\beta^2$ -Synuclein Aggregates. <i>ACS Chemical Neuroscience</i> , 2022, 13, 552-571.	3.5	8
86	A Novel Small Molecule, LCG-N25, Inhibits Oral Streptococcal Biofilm. <i>Frontiers in Microbiology</i> , 2021, 12, 654692.	3.5	7
87	Genetic and Molecular Evaluation of SQSTM1/p62 on the Neuropathologies of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 829232.	3.4	7
88	(R)- and (S)- $^{18}\text{F}$ -labeled 2-arylbenzofurans with improved pharmacokinetics as $\beta^2$ -amyloid imaging probes. <i>European Journal of Medicinal Chemistry</i> , 2017, 134, 271-280.	5.5	6
89	$4\text{R}$ Tau Modulates Cocaine-Associated Memory through Adult Dorsal Hippocampal Neurogenesis. <i>Journal of Neuroscience</i> , 2021, 41, 6753-6774.	3.6	6
90	Discovery and development of brain-penetrant $^{18}\text{F}$ -labeled radioligands for neuroimaging of the sigma-2 receptors. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1406-1415.	12.0	6

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91	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.	5.5	5
92	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.	2.0	5
93	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.	2.0	5
94	Biodistribution and Dosimetry Evaluation for a Novel Tau Tracer [ <sup>18</sup> 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.	4.1	5
95	Recent development in selective Tau tracers for PET imaging in the brain. <i>Chinese Chemical Letters</i> , 2022, 33, 3339-3348.	9.0	5
96	Optically Pure Diphenoxy Derivatives as More Flexible Probes for $\beta$ -Amyloid Plaques. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1275-1282.	3.5	4
97	Radiolabeled pyridinyl analogues of dibenzylideneacetone as $\beta$ -amyloid imaging probes. <i>RSC Advances</i> , 2016, 6, 44646-44654.	3.6	4
98	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.	2.0	4
99	Proximal junctional kyphosis in Lenke 5 AIS patients: the important factor of pelvic incidence. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 185.	1.9	4
100	Discovery of Diphenoxy Derivatives with Flexible Linkers as Ligands for $\beta$ -Amyloid Plaques. <i>Molecular Pharmaceutics</i> , 2020, 17, 4089-4100.	4.6	3
101	<sup>18</sup> F-labeled 2-phenylbenzoheterocycles with chiral dihydroxyl side chains as $\beta$ -amyloid imaging probes. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 29, 115884.	3.0	3
102	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.	1.9	3
103	mTOR regulates cocaine-induced behavioural sensitization through the SynDIG1-GluA2 interaction in the nucleus accumbens. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 295-306.	6.1	3
104	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.	4.1	3
105	Flexible multidentate benzyldiamine derivatives with high affinity for $\beta$ -amyloid in cerebral amyloid angiopathy. <i>Molecular Diversity</i> , 2021, 25, 525-533.	3.9	2
106	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.	5.3	2
107	Neonatal exposure to sevoflurane induces adolescent neurobehavioral dysfunction by interfering with hippocampal glycerophospholipid metabolism in rats. <i>Cerebral Cortex</i> , 2023, 33, 1955-1971.	2.9	2
108	<sup>68</sup> Ga-DOTA-DiPSMA PET/CT Imaging: Biodistribution, Dosimetry, and Preliminary Application in Prostate Cancer. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 811972.	4.1	1

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109	China's radiopharmaceuticals on expressway: 2014–2021. <i>Radiochimica Acta</i> , 2022, 110, 765-784.	1.2	1
110	Carbon-11 labeled stilbene derivatives from natural products for the imaging of A $\beta$ plaques in the brain. <i>Radiochimica Acta</i> , 2014, 102, 185-192.	1.2	0
111	A method for colocalizing lineage tracing reporter and RNAscope signals on skeletal tissue section. <i>Rna</i> , 2021, 27, 359-365.	3.5	0