

# Kaixiang Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9197281/publications.pdf>

Version: 2024-02-01

18  
papers

542  
citations

759233

12  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

593  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Sensitive Near-Infrared Fluorophores for in Vivo Detection of Amyloid- $\beta^2$ Plaques in Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6972-6983.	6.4	110
2	Smart D- $\beta$ -E-A 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.	6.5	64
3	Pre-targeted Imaging of Protease Activity through In-situ Assembly of Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7864-7870.	13.8	54
4	Environment-Sensitive Near-Infrared Probe for Fluorescent Discrimination of $\beta^2$ and Tau Fibrils in AD Brain. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6694-6704.	6.4	52
5	Novel D- $\beta$ -E-A 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.	4.1	50
6	The synthesis and evaluation of near-infrared probes with barbituric acid acceptors for in vivo detection of amyloid plaques. <i>Chemical Communications</i> , 2015, 51, 11665-11668.	4.1	38
7	2-Arylbenzothiazoles labeled with [ $^{99m}\text{Tc}(\text{CO})_3$ ] and evaluated as $\beta^2$ -amyloid imaging probes. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 763-772.	5.5	32
8	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
9	Structure-Property Relationships of Polyethylene Glycol Modified Fluorophore as Near-Infrared $\beta^2$ Imaging Probes. <i>Analytical Chemistry</i> , 2018, 90, 8576-8582.	6.5	22
10	Pre-targeted Imaging of Protease Activity through In-situ Assembly of Nanoparticles. <i>Angewandte Chemie</i> , 2020, 132, 7938-7944.	2.0	17
11	N-O-Benzamide difluoroboron complexes as near-infrared probes for the detection of $\beta^2$ -amyloid and tau fibrils. <i>Chemical Communications</i> , 2020, 56, 7269-7272.	4.1	16
12	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
13	Multiparameter Longitudinal Imaging of Immune Cell Activity in Chimeric Antigen Receptor T Cell and Checkpoint Blockade Therapies. <i>ACS Central Science</i> , 2022, 8, 590-602.	11.3	15
14	[ $^{18}\text{F}$ ]-C-SNAT4: an improved caspase-3-sensitive nanoaggregation PET tracer for imaging of tumor responses to chemo- and immunotherapies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3386-3399.	6.4	13
15	In Vivo Imaging of Methionine Aminopeptidase II for Prostate Cancer Risk Stratification. <i>Cancer Research</i> , 2021, 81, 2510-2521.	0.9	8
16	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
17	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.	4.1	5
18	$^{18}\text{F}$ -labeled 2-phenylbenzoheterocycles with chiral dihydroxyl side chains as $\beta^2$ -amyloid imaging probes. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 29, 115884.	3.0	3