

# Jiafei Mao

## List of Publications by Year in descending order

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12  
papers

418  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

667  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast MAS Solid-State NMR Permits Extensive <sup>13</sup> C and <sup>1</sup> H Detection in Paramagnetic Metalloproteins. <i>Journal of the American Chemical Society</i> , 2010, 132, 5558-5559.	13.7	109
2	The molecular basis of subtype selectivity of human kinin G-protein-coupled receptors. <i>Nature Chemical Biology</i> , 2018, 14, 284-290.	8.0	74
3	Structural Basis of the Green-Blue Color Switching in Proteorhodopsin as Determined by NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2014, 136, 17578-17590.	13.7	48
4	Antigenic Peptide Recognition on the Human ABC Transporter TAP Resolved by DNP-Enhanced Solid-State NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2016, 138, 13967-13974.	13.7	42
5	Host-Guest Complexes as Water-Soluble High-Performance DNP Polarizing Agents. <i>Journal of the American Chemical Society</i> , 2013, 135, 19275-19281.	13.7	35
6	Exploring Protein Structures by DNP-Enhanced Methyl Solid-State NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2019, 141, 19888-19901.	13.7	26
7	Cysteine oxidation and disulfide formation in the ribosomal exit tunnel. <i>Nature Communications</i> , 2020, 11, 5569.	12.8	26
8	Recognition of phosphate anions in aqueous solution by a dinuclear zinc(II) complex of a cyclen-tethered terpyridine ligand. <i>Inorganic Chemistry Communication</i> , 2008, 11, 999-1002.	3.9	18
9	Room-temperature dynamic nuclear polarization enhanced NMR spectroscopy of small biological molecules in water. <i>Nature Communications</i> , 2021, 12, 6880.	12.8	17
10	Probing the photointermediates of light-driven sodium ion pump KR2 by DNP-enhanced solid-state NMR. <i>Science Advances</i> , 2021, 7, .	10.3	16
11	Targeted binding of a platinum(II)-methionine complex to the disulfide linkage of a nonapeptide oxytocin. <i>Inorganic Chemistry Communication</i> , 2008, 11, 935-938.	3.9	5
12	Light Dynamics of the Retinal-Disease-Relevant G90D Bovine Rhodopsin Mutant. <i>Angewandte Chemie</i> , 2020, 132, 15786-15794.	2.0	2