Keiko Takano

List of Publications by Year
in descending order

12	105	1478505 6	1281871 11
papers	citations	h-index	g-index

12	12	12	165
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reversibility of 1,4-Metal Migration in Cp*Rh^{III} and Cp*Ir^{III} Complexes. Organometallics, 2014, 33, 2142-2145.	2.3	32
2	Theoretical Study on Internal Alkyne/Vinylidene Isomerization in Group 8 Transition-Metal Complexes. Organometallics, 2015, 34, 3934-3943.	2.3	26
3	Affinity of HIV-1 antibody 2G12 with monosaccharides: A theoretical study based on explicit and implicit water models. Computational Biology and Chemistry, 2014, 49, 36-44.	2.3	8
4	Ruthenium Vinylidene Complexes Generated by Selective 1,2-Migration of P- and S-Substituents: Synthesis, Structures, and Dichromism Arising from an Intramolecular CHÂ·Â·Â·O Hydrogen Bond. Organometallics, 2020, 39, 711-718.	2.3	8
5	Substituent effects on the photophysical properties of 2,9â€substituted phenanthroline copper(I) complexes: a theoretical investigation. ChemPhysChem, 2021, 22, 509-515.	2.1	7
6	Interaction analysis of HIV-1 antibody 2G12 and Man9GlcNAc2 ligand: Theoretical calculations by fragment molecular orbital and MD methods. Chemical Physics Letters, 2013, 578, 144-149.	2.6	6
7	Theoretical study on photophysical properties of 3â€²-hydroxyechinenone and the effects of interactions with orange carotenoid protein. Chemical Physics Letters, 2016, 647, 95-102.	2.6	5
8	CHEMICAL DESCRIPTION OF THE INTERACTION BETWEEN GLYCAN LIGAND AND SIGLEC-7 USING AB INITIO FMO METHOD AND CLASSICAL MD SIMULATION. Journal of Theoretical and Computational Chemistry, 2013, 12, 1350060.	1.8	4
9	Water molecules inside protein structure affect binding of monosaccharides with HIVâ€1 antibody 2G12. Journal of Computational Chemistry, 2016, 37, 2341-2348.	3.3	3
10	R/X exchange reactions in cis-[M(R)₂{P(X)(NMeCH₂)₂}₂] (M = Pd, Pt), via a phosphenium intermediate. Dalton Transactions, 2016, 45, 19216-19220.	3.3	3
11	Systematic Interaction Analysis of Antiâ€Human Immunodeficiency Virus Typeâ€1 Neutralizing Antibodies with High Mannose Glycans Using Fragment Molecular Orbital and Molecular Dynamics Methods. Journal of Computational Chemistry, 2020, 41, 31-42.	3.3	3
12	Theoretical Study on Adjacent Agostic Interaction in Ruthenium Complexes. Journal of Computer Chemistry Japan, 2019, 18, 162-163.	0.1	0