

# Keiko Takano

## List of Publications by Year in descending order

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12  
papers

105  
citations

1478505

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1281871

11  
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docs citations

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times ranked

165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Substituent effects on the photophysical properties of 2,9- $\epsilon$ -substituted phenanthroline copper(I) complexes: a theoretical investigation. <i>ChemPhysChem</i> , 2021, 22, 509-515.	2.1	7
2	Systematic Interaction Analysis of Anti-Human Immunodeficiency Virus Type-1 Neutralizing Antibodies with High Mannose Glycans Using Fragment Molecular Orbital and Molecular Dynamics Methods. <i>Journal of Computational Chemistry</i> , 2020, 41, 31-42.	3.3	3
3	Ruthenium Vinylidene Complexes Generated by Selective 1,2-Migration of P- and S-Substituents: Synthesis, Structures, and Dichromism Arising from an Intramolecular CH $\cdots$ O Hydrogen Bond. <i>Organometallics</i> , 2020, 39, 711-718.	2.3	8
4	Theoretical Study on Adjacent Agostic Interaction in Ruthenium Complexes. <i>Journal of Computer Chemistry Japan</i> , 2019, 18, 162-163.	0.1	0
5	Water molecules inside protein structure affect binding of monosaccharides with HIV-1 antibody 2G12. <i>Journal of Computational Chemistry</i> , 2016, 37, 2341-2348.	3.3	3
6	R/X exchange reactions in $cis-[M(R)_2\{P(X)(NMeCH_2)_2\}_2]$ (M = Pd, Pt), via a phosphonium intermediate. <i>Dalton Transactions</i> , 2016, 45, 19216-19220.	3.3	3
7	Theoretical study on photophysical properties of 3 $\epsilon^2$ -hydroxyechinenone and the effects of interactions with orange carotenoid protein. <i>Chemical Physics Letters</i> , 2016, 647, 95-102.	2.6	5
8	Theoretical Study on Internal Alkyne/Vinylidene Isomerization in Group 8 Transition-Metal Complexes. <i>Organometallics</i> , 2015, 34, 3934-3943.	2.3	26
9	Reversibility of 1,4-Metal Migration in Cp*Rh <sup>III</sup> and Cp*Ir <sup>III</sup> Complexes. <i>Organometallics</i> , 2014, 33, 2142-2145.	2.3	32
10	Affinity of HIV-1 antibody 2G12 with monosaccharides: A theoretical study based on explicit and implicit water models. <i>Computational Biology and Chemistry</i> , 2014, 49, 36-44.	2.3	8
11	Interaction analysis of HIV-1 antibody 2G12 and Man $\alpha$ 9GlcNAc $_2$ ligand: Theoretical calculations by fragment molecular orbital and MD methods. <i>Chemical Physics Letters</i> , 2013, 578, 144-149.	2.6	6
12	CHEMICAL DESCRIPTION OF THE INTERACTION BETWEEN GLYCAN LIGAND AND SIGLEC-7 USING AB INITIO FMO METHOD AND CLASSICAL MD SIMULATION. <i>Journal of Theoretical and Computational Chemistry</i> , 2013, 12, 1350060.	1.8	4