

# Judith B Rommel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1955831/publications.pdf>

Version: 2024-02-01

9  
papers

410  
citations

1163117  
8  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics of Molecular Diffusion and Self-Assembly: Glycine on Cu{110}. Journal of Physical Chemistry C, 2018, 122, 782-797.	3.1	4
2	Quantum Tunneling Rates of Gas-Phase Reactions from On-the-Fly Instanton Calculations. Journal of Physical Chemistry Letters, 2016, 7, 4374-4379.	4.6	49
3	Reaction Mechanism of the Bicopper Enzyme Peptidylglycine Î±-Hydroxylating Monooxygenase. Journal of Biological Chemistry, 2014, 289, 13726-13738.	3.4	30
4	Shallow-tunnelling correction factor for use with Wignerâ€™Eyring transition-state theory. Physical Chemistry Chemical Physics, 2014, 16, 24292-24300.	2.8	38
5	Role of Tunneling in the Enzyme Glutamate Mutase. Journal of Physical Chemistry B, 2012, 116, 13682-13689.	2.6	52
6	The Fragmentationâ€™Recombination Mechanism of the Enzyme Glutamate Mutase Studied by QM/MM Simulations. Journal of the American Chemical Society, 2011, 133, 10195-10203.	13.7	32
7	Locating Instantons in Many Degrees of Freedom. Journal of Chemical Theory and Computation, 2011, 7, 690-698.	5.3	105
8	Kinetic isotope effects calculated with the instanton method. Journal of Computational Chemistry, 2011, 32, 3456-3463.	3.3	35
9	Adaptive integration grids in instanton theory improve the numerical accuracy at low temperature. Journal of Chemical Physics, 2011, 134, 184107.	3.0	65