

# Erich R Kuechler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4661861/publications.pdf>

Version: 2024-02-01

10  
papers

219  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

308  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct Features of Stress Granule Proteins Predict Localization in Membraneless Organelles. <i>Journal of Molecular Biology</i> , 2020, 432, 2349-2368.	4.2	57
2	A Variational Linear-Scaling Framework to Build Practical, Efficient Next-Generation Orbital-Based Quantum Force Fields. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 1417-1427.	5.3	55
3	Protein-Protein Interactions Mediated by Intrinsically Disordered Protein Regions Are Enriched in Missense Mutations. <i>Biomolecules</i> , 2020, 10, 1097.	4.0	22
4	Charge-dependent many-body exchange and dispersion interactions in combined QM/MM simulations. <i>Journal of Chemical Physics</i> , 2015, 143, 234111.	3.0	20
5	Quantum mechanical study of solvent effects in a prototype $S_N2$ reaction in solution: Cl <sup>-</sup> attack on CH <sub>3</sub> Cl. <i>Journal of Chemical Physics</i> , 2014, 140, 054109.	3.0	16
6	Multiscale Methods for Computational RNA Enzymology. <i>Methods in Enzymology</i> , 2015, 553, 335-374.	1.0	16
7	Proteomic analysis reveals the direct recruitment of intrinsically disordered regions to stress granules. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	15
8	GrAPES: The Granule Protein Enrichment Server for prediction of biological condensate constituents. <i>Nucleic Acids Research</i> , 2022, 50, W384-W391.	14.5	10
9	VR-SCOSMO: A smooth conductor-like screening model with charge-dependent radii for modeling chemical reactions. <i>Journal of Chemical Physics</i> , 2016, 144, 164115.	3.0	3
10	Protein feature analysis of heat shock induced ubiquitination sites reveals preferential modification site localization. <i>Journal of Proteomics</i> , 2021, 239, 104182.	2.4	3