

# Justin M Di Trani

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

446  
citations

933447

10  
h-index

1125743

13  
g-index

18  
all docs

18  
docs citations

18  
times ranked

832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of mitochondrial translation overcomes venetoclax resistance in AML through activation of the integrated stress response. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	129
2	Shake-it-off: a simple ultrasonic cryo-EM specimen-preparation device. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 1063-1070.	2.3	58
3	Efficient and Rapid Mechanochemical Assembly of Platinum(II) Squares for Guanine Quadruplex Targeting. <i>Journal of the American Chemical Society</i> , 2017, 139, 16913-16922.	13.7	48
4	Rapid measurement of inhibitor binding kinetics by isothermal titration calorimetry. <i>Nature Communications</i> , 2018, 9, 893.	12.8	43
5	Cryo-EM structure and kinetics reveal electron transfer by 2D diffusion of cytochrome <i>c</i> in the yeast III-IV respiratory supercomplex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	33
6	Measuring Rapid Time-Scale Reaction Kinetics Using Isothermal Titration Calorimetry. <i>Analytical Chemistry</i> , 2017, 89, 7022-7030.	6.5	30
7	Exploring the role of post-translational modifications in regulating $\alpha$ -synuclein interactions by studying the effects of phosphorylation on nanobody binding. <i>Protein Science</i> , 2018, 27, 1262-1274.	7.6	25
8	Structure of mycobacterial CIII2CIV2 respiratory supercomplex bound to the tuberculosis drug candidate telacebec (Q203). <i>ELife</i> , 2021, 10, .	6.0	19
9	Complete Kinetic Characterization of Enzyme Inhibition in a Single Isothermal Titration Calorimetric Experiment. <i>Analytical Chemistry</i> , 2018, 90, 8430-8435.	6.5	18
10	Rieske head domain dynamics and indazole-derivative inhibition of <i>Candida albicans</i> complex III. <i>Structure</i> , 2022, 30, 129-138.e4.	3.3	15
11	Integrated Synthetic, Biophysical, and Computational Investigations of Covalent Inhibitors of Prolyl Oligopeptidase and Fibroblast Activation Protein $\beta$ . <i>Journal of Medicinal Chemistry</i> , 2019, 62, 7874-7884.	6.4	9
12	Inhibition and Activation of Kinases by Reaction Products: A Reporter-Free Assay. <i>Analytical Chemistry</i> , 2019, 91, 11803-11811.	6.5	9
13	Conformational plasticity surrounding the active site of NADH oxidase from <i>Thermus thermophilus</i> . <i>Protein Science</i> , 2015, 24, 1114-1128.	7.6	4