James J Havranek

List of Publications by Citations

8 papers	1,661 citations	7 h-index	8 g-index
8 ext. papers	1,948 ext. citations	11.8 avg, IF	3.37 L-index

#	Paper	IF	Citations
8	ROSETTA3: an object-oriented software suite for the simulation and design of macromolecules. *Methods in Enzymology*, **2011**, 487, 545-74	1.7	1216
7	Computational redesign of endonuclease DNA binding and cleavage specificity. *Nature*, **2006**, 441, 656-9	50.4	274
6	A simple physical model for the prediction and design of protein-DNA interactions. *Journal of Molecular Biology*, **2004**, 344, 59-70	6.5	86
5	Characterization of Leber Congenital Amaurosis-associated NMNAT1 Mutants. *Journal of Biological Chemistry*, **2015**, 290, 17228-38	5.4	27
4	Motif-directed flexible backbone design of functional interactions. *Protein Science*, **2009**, 18, 1293-305	6.3	24
3	Quantitative profiling of selective Sox/POU pairing on hundreds of sequences in parallel by Coop-seq. *Nucleic Acids Research*, **2017**, 45, 832-845	20.1	21
2	Specificity in computational protein design. *Journal of Biological Chemistry*, **2010**, 285, 31095-9	5.4	13
1	Efficient minimization of multipole electrostatic potentials in torsion space. *PLoS ONE*, **2018**, 13, e0195556	3.7	