

The Biochemical Architecture of an Ancient Adaptive La

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Citation Report

#	ARTICLE	IF	CITATIONS
2	EVOLUTION: Changing the Cofactor Diet of an Enzyme. <i>Science</i> , 2005, 310, 454-455.	6.0	13
3	Darwinian Evolution Can Follow Only Very Few Mutational Paths to Fitter Proteins. <i>Science</i> , 2006, 312, 111-114.	6.0	1,266
4	An Equivalence Principle for the Incorporation of Favorable Mutations in Asexual Populations. <i>Science</i> , 2006, 311, 1615-1617.	6.0	214
5	Amino acid residues that determine functional specificity of NADP- and NAD-dependent isocitrate and isopropylmalate dehydrogenases. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 64, 1001-1009.	1.5	8
6	From Bad to Good: Fitness Reversals and the Ascent of Deleterious Mutations. <i>PLoS Computational Biology</i> , 2006, 2, e141.	1.5	31
8	A sex-linked allele, autosomal modifiers and temperature-dependence appear to regulate melanism in male mosquitofish (<i>Gambusia holbrooki</i>). <i>Journal of Experimental Biology</i> , 2006, 209, 4938-4945.	0.8	27
9	Functionally diverging molecular quasi-species evolve by crossing two enzymes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10866-10870.	3.3	24
10	Direct Demonstration of an Adaptive Constraint. <i>Science</i> , 2006, 314, 458-461.	6.0	70
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18	Pathway engineering by designed divergent evolution. <i>Current Opinion in Chemical Biology</i> , 2007, 11, 233-239.	2.8	28
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20	Empirical fitness landscapes reveal accessible evolutionary paths. <i>Nature</i> , 2007, 445, 383-386.	13.7	510

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22	Analysis of epistatic interactions and fitness landscapes using a new geometric approach. BMC Evolutionary Biology, 2007, 7, 60.	3.2	54
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40	Evolution of a single gene highlights the complexity underlying molecular descriptions of fitness. <i>Chaos</i> , 2010, 20, 026107.	1.0	6
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