

Mark C Julian

List of Publications by Year in descending order

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7
papers

274
citations

1478505
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1720034
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7
all docs

7
docs citations

7
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient affinity maturation of antibody variable domains requires co-selection of compensatory mutations to maintain thermodynamic stability. <i>Scientific Reports</i> , 2017, 7, 45259.	3.3	77
2	Net charge of antibody complementarity-determining regions is a key predictor of specificity. <i>Protein Engineering, Design and Selection</i> , 2018, 31, 409-418.	2.1	53
3	Arginine mutations in antibody complementarity-determining regions display context-dependent affinity/specificity trade-offs. <i>Journal of Biological Chemistry</i> , 2017, 292, 16638-16652.	3.4	51
4	Co-evolution of affinity and stability of grafted amyloid-motif domain antibodies. <i>Protein Engineering, Design and Selection</i> , 2015, 28, 339-350.	2.1	35
5	Design and Optimization of Anti-amyloid Domain Antibodies Specific for β^2 -Amyloid and Islet Amyloid Polypeptide. <i>Journal of Biological Chemistry</i> , 2016, 291, 2858-2873.	3.4	35
6	Nature-inspired design and evolution of anti-amyloid antibodies. <i>Journal of Biological Chemistry</i> , 2019, 294, 8438-8451.	3.4	20
7	Systematic Engineering of Optimized Autonomous Heavy-Chain Variable Domains. <i>Journal of Molecular Biology</i> , 2021, 433, 167241.	4.2	3