

Hernán D Biava

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3608761/publications.pdf>

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7
papers

153
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupling Bioorthogonal Chemistries with Artificial Metabolism: Intracellular Biosynthesis of Azidohomoalanine and Its Incorporation into Recombinant Proteins. <i>Molecules</i> , 2014, 19, 1004-1022.	3.8	48
2	Long-Range Modulations of Electric Fields in Proteins. <i>Journal of Physical Chemistry B</i> , 2018, 122, 8330-8342.	2.6	30
3	Discovery and Investigation of Natural Editing Function against Artificial Amino Acids in Protein Translation. <i>ACS Central Science</i> , 2017, 3, 73-80.	11.3	25
4	Evolution of fluorinated enzymes: An emerging trend for biocatalyst stabilization. <i>Engineering in Life Sciences</i> , 2014, 14, 340-351.	3.6	23
5	Tackling Achilles'™ Heel in Synthetic Biology: Pairing Intracellular Synthesis of Noncanonical Amino Acids with Genetic Code Expansion to Foster Biotechnological Applications. <i>ChemBioChem</i> , 2020, 21, 1265-1273.	2.6	13
6	An expanded genetic code for probing the role of electrostatics in enzyme catalysis by vibrational Stark spectroscopy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3053-3059.	2.4	11
7	Global substitution of hemeproteins with noncanonical amino acids in <i>Escherichia coli</i> with intact cofactor maturation machinery. <i>Enzyme and Microbial Technology</i> , 2017, 106, 55-59.	3.2	3