

Gyunghoon Kang

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

498
citations

1163117

8
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	Gated Proton Release during Radical Transfer at the Subunit Interface of Ribonucleotide Reductase. <i>Journal of the American Chemical Society</i> , 2021, 143, 176-183.	13.7	14
2	Ribonucleotide Reductases: Structure, Chemistry, and Metabolism Suggest New Therapeutic Targets. <i>Annual Review of Biochemistry</i> , 2020, 89, 45-75.	11.1	120
3	Structure of a trapped radical transfer pathway within a ribonucleotide reductase holocomplex. <i>Science</i> , 2020, 368, 424-427.	12.6	82
4	Conformational Motions and Water Networks at the $\hat{1}\pm/\hat{1}^2$ Interface in <i>E. coli</i> Ribonucleotide Reductase. <i>Journal of the American Chemical Society</i> , 2020, 142, 13768-13778.	13.7	21
5	Glutamate 52- $\hat{1}^2$ at the $\hat{1}\pm/\hat{1}^2$ subunit interface of <i>Escherichia coli</i> class Ia ribonucleotide reductase is essential for conformational gating of radical transfer. <i>Journal of Biological Chemistry</i> , 2017, 292, 9229-9239.	3.4	26
6	Molecular basis for allosteric specificity regulation in class Ia ribonucleotide reductase from <i>Escherichia coli</i> . <i>ELife</i> , 2016, 5, e07141.	6.0	59
7	An HD domain phosphohydrolase active site tailored for oxetanocin-A biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13750-13755.	7.1	27
8	Structural basis for gene regulation by a B12-dependent photoreceptor. <i>Nature</i> , 2015, 526, 536-541.	27.8	149