

Oscar D Villarreal

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

324
citations

933447

10
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	PRMT1 loss sensitizes cells to PRMT5 inhibition. <i>Nucleic Acids Research</i> , 2019, 47, 5038-5048.	14.5	69
2	De novo identification of essential protein domains from CRISPR-Cas9 tiling-sgRNA knockout screens. <i>Nature Communications</i> , 2019, 10, 4541.	12.8	44
3	Genome-wide R-loop analysis defines unique roles for DDX5, XRN2, and PRMT5 in DNA/RNA hybrid resolution. <i>Life Science Alliance</i> , 2020, 3, e202000762.	2.8	43
4	CARM1 inhibition reduces histone acetyltransferase activity causing synthetic lethality in CREBBP/EP300-mutated lymphomas. <i>Leukemia</i> , 2020, 34, 3269-3285.	7.2	28
5	PRMT7 ablation stimulates anti-tumor immunity and sensitizes melanoma to immune checkpoint blockade. <i>Cell Reports</i> , 2022, 38, 110582.	6.4	24
6	Systematic decomposition of sequence determinants governing CRISPR/Cas9 specificity. <i>Nature Communications</i> , 2022, 13, 474.	12.8	23
7	Design and evaluation of four novel tripeptides as potent angiotensin converting enzyme (ACE) inhibitors with anti-hypertension activity. <i>Peptides</i> , 2019, 122, 170171.	2.4	21
8	Ligand-modulated interactions between charged monolayer-protected Au ₁₄₄ (SR) ₆₀ gold nanoparticles in physiological saline. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 3680-3688.	2.8	17
9	Computing the binding affinity of a ligand buried deep inside a protein with the hybrid steered molecular dynamics. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 203-208.	2.1	15
10	Deletion of RBMX RGG/RG motif in Shashi-XLID syndrome leads to aberrant p53 activation and neuronal differentiation defects. <i>Cell Reports</i> , 2021, 36, 109337.	6.4	13
11	Molecular dynamics simulations on the effect of size and shape on the interactions between negative Au ₁₈ (SR) ₁₄ , Au ₁₀₂ (SR) ₄₄ and Au ₁₄₄ (SR) ₆₀ nanoparticles in physiological saline. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 503, 70-78.	4.7	10
12	Aspheric Solute Ions Modulate Gold Nanoparticle Interactions in an Aqueous Solution: An Optimal Way To Reversibly Concentrate Functionalized Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15502-15508.	2.6	8
13	1,3-Propanediol binds inside the water-conducting pore of aquaporin 4: Does this efficacious inhibitor have sufficient potency?. <i>Journal of Systems and Integrative Neuroscience</i> , 2016, 2, 91-98.	0.6	7
14	Citrullyl-Hydroxypropyl-Proline (ChPP): An Artificially Synthesized Tripeptide as Potent ACE Inhibitor. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 967-976.	1.9	0