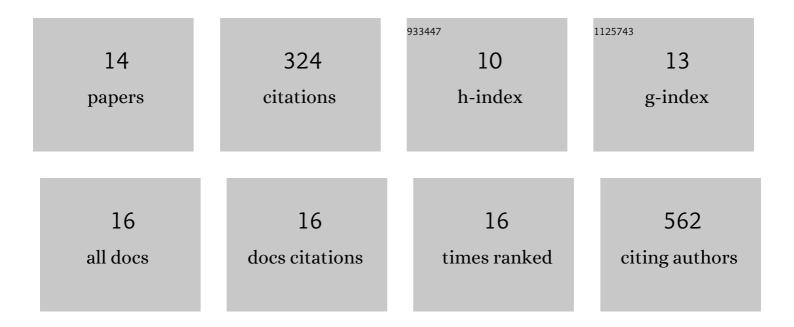
## Oscar D Villarreal

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/800866/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	PRMT1 loss sensitizes cells to PRMT5 inhibition. Nucleic Acids Research, 2019, 47, 5038-5048.	14.5	69
2	De novo identification of essential protein domains from CRISPR-Cas9 tiling-sgRNA knockout screens. Nature Communications, 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. Life Science Alliance, 2020, 3, e202000762.	2.8	43
4	CARM1 inhibition reduces histone acetyltransferase activity causing synthetic lethality in CREBBP/EP300-mutated lymphomas. Leukemia, 2020, 34, 3269-3285.	7.2	28
5	PRMT7 ablation stimulates anti-tumor immunity and sensitizes melanoma to immune checkpoint blockade. Cell Reports, 2022, 38, 110582.	6.4	24
6	Systematic decomposition of sequence determinants governing CRISPR/Cas9 specificity. Nature Communications, 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. Peptides, 2019, 122, 170171.	2.4	21
8	Ligand-modulated interactions between charged monolayer-protected Au <sub>144</sub> (SR) <sub>60</sub> gold nanoparticles in physiological saline. Physical Chemistry Chemical Physics, 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. Biochemical and Biophysical Research Communications, 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. Cell Reports, 2021, 36, 109337.	6.4	13
11	Molecular dynamics simulations on the effect of size and shape on the interactions between negative Au18(SR)14, Au102(SR)44 and Au144(SR)60 nanoparticles in physiological saline. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 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. Journal of Physical Chemistry B, 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?. Journal of Systems and Integrative Neuroscience, 2016, 2, 91-98.	0.6	7
14	Citrullyl-Hydroxyprolyl-Proline (ChPP): An Artificially Synthesized Tripeptide as Potent ACE Inhibitor. International Journal of Peptide Research and Therapeutics, 2021, 27, 967-976.	1.9	0