

# Kristina M Cook

## List of Publications by Year in descending order

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33  
papers

1,717  
citations

361413

20  
h-index

477307

29  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2663  
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiogenesis Inhibitors: Current Strategies and Future Prospects. <i>Ca-A Cancer Journal for Clinicians</i> , 2010, 60, 222-243.	329.8	413
2	Asparaginyl Hydroxylation of the Notch Ankyrin Repeat Domain by Factor Inhibiting Hypoxia-inducible Factor. <i>Journal of Biological Chemistry</i> , 2007, 282, 24027-24038.	3.4	189
3	Epidithiodiketopiperazines Block the Interaction between Hypoxia-inducible Factor-1 $\alpha$ (HIF-1 $\alpha$ ) and p300 by a Zinc Ejection Mechanism. <i>Journal of Biological Chemistry</i> , 2009, 284, 26831-26838.	3.4	148
4	A substrate-driven allosteric switch that enhances PDI catalytic activity. <i>Nature Communications</i> , 2016, 7, 12579.	12.8	98
5	Post-Translational Control of Protein Function by Disulfide Bond Cleavage. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1987-2015.	5.4	94
6	Models of intermittent hypoxia and obstructive sleep apnea: molecular pathways and their contribution to cancer. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R669-R687.	1.8	88
7	Control of blood proteins by functional disulfide bonds. <i>Blood</i> , 2014, 123, 2000-2007.	1.4	83
8	Autoregulation of von Willebrand factor function by a disulfide bond switch. <i>Science Advances</i> , 2018, 4, eaaq1477.	10.3	79
9	Epidithiodiketopiperazines (ETPs) exhibit in vitro antiangiogenic and in vivo antitumor activity by disrupting the HIF-1 $\alpha$ /p300 complex in a preclinical model of prostate cancer. <i>Molecular Cancer</i> , 2014, 13, 91.	19.2	73
10	Zinc is a potent and specific inhibitor of IFN- $\gamma$ signalling. <i>Nature Communications</i> , 2017, 8, 15245.	12.8	47
11	Screening and Biological Effects of Marine Pyrroloiminoquinone Alkaloids: Potential Inhibitors of the HIF-1 $\alpha$ /p300 Interaction. <i>Journal of Natural Products</i> , 2016, 79, 1267-1275.	3.0	46
12	Obstructive Sleep Apnea Activates HIF-1 in a Hypoxia Dose-Dependent Manner in HCT116 Colorectal Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 445.	4.1	45
13	Structural Elucidation and Synthesis of Eudistidine A: An Unusual Polycyclic Marine Alkaloid that Blocks Interaction of the Protein Binding Domains of p300 and HIF-1 $\alpha$ . <i>Journal of the American Chemical Society</i> , 2015, 137, 5569-5575.	13.7	35
14	Synthesis and Cytotoxicity of Novel Sansalvamide A Derivatives. <i>Organic Letters</i> , 2005, 7, 3481-3484.	4.6	34
15	Inhibition of the HIF1 $\alpha$ -p300 interaction by quinone- and indandione-mediated ejection of structural Zn(II). <i>European Journal of Medicinal Chemistry</i> , 2015, 94, 509-516.	5.5	33
16	The Cancer Clock Is (Not) Ticking: Links between Circadian Rhythms and Cancer. <i>Clocks &amp; Sleep</i> , 2019, 1, 435-458.	2.0	29
17	Hypoxia, metabolism, and the circadian clock: new links to overcome radiation resistance in high-grade gliomas. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 129.	8.6	27
18	Targeting Glucose Metabolism of Cancer Cells with Dichloroacetate to Radiosensitize High-Grade Gliomas. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7265.	4.1	26

#	ARTICLE	IF	CITATIONS
19	Out of breath, out of time: interactions between HIF and circadian rhythms. American Journal of Physiology - Cell Physiology, 2020, 319, C533-C540.	4.6	25
20	C-Terminal HSP90 Inhibitors Block the HIF-1 Hypoxic Response by Degrading HIF-1 $\alpha$ through the Oxygen-Dependent Degradation Pathway. Cellular Physiology and Biochemistry, 2019, 53, 480-495.	1.6	25
21	Allosteric Control of $\alpha$ -Tryptase by a Redox Active Disulfide Bond. Journal of Biological Chemistry, 2013, 288, 34920-34929.	3.4	21
22	Preclinical Evaluation of Discorhabdins in Antiangiogenic and Antitumor Models. Marine Drugs, 2018, 16, 241.	4.6	21
23	Novel antibiotics: second generation macrocyclic peptides designed to trap Holliday junctions. Tetrahedron Letters, 2004, 45, 8447-8450.	1.4	6
24	A Cell Culture Model that Mimics Physiological Tissue Oxygenation Using Oxygen-permeable Membranes. Bio-protocol, 2019, 9, e3371.	0.4	6
25	Predicting Cardiovascular Outcomes Using the Respiratory Event Desaturation Transient Area Derived from Overnight Sleep Studies. , 2021, 2021, 5496-5499.		6
26	A zebrafish model of tuberculosis comorbidity and the effects of HIF $\alpha$ -activating intervention. FEBS Journal, 2020, 287, 3917-3920.	4.7	4
27	Metabolite signatures of heart failure, sleep apnoea, their interaction, and outcomes in the community. ESC Heart Failure, 2021, , .	3.1	4
28	Improving the synergistic combination of programmed death $\alpha$ 1/programmed death ligand $\alpha$ 1 blockade and radiotherapy by targeting the hypoxic tumour microenvironment. Journal of Medical Imaging and Radiation Oncology, 2022, 66, 560-574.	1.8	3
29	Synthesis and Cytotoxicity of Novel Sansalvamide A Derivatives. Organic Letters, 2005, 7, 4785-4785.	4.6	2
30	Is Cumulative Time of Oxygen Desaturation a Better Predictor of Cardiovascular Mortality than Apnoea Hypopnoea Index?. , 2020, 2020, 2788-2791.		2
31	Determining the Redox Potential of a Protein Disulphide Bond. Methods in Molecular Biology, 2019, 1967, 65-86.	0.9	2
32	Therapeutic Strategies that Target the HIF System. , 2008, , 359-373.		0
33	Abstract 3095: The molecular, cellular, and physiological consequences of disrupting the HIF-1 $\alpha$ interaction. , 2011, , .		0