

# Catherine R Sears

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

387  
citations

7  
h-index

18  
g-index

18  
ext. papers

485  
ext. citations

6.3  
avg, IF

3.72  
L-index

#	Paper	IF	Citations
14	DNA Repair Capacity for Personalizing Risk and Treatment Response - Assay Development and Optimization in Human Peripheral Blood Mononuclear Cells (PBMCs).. <i>DNA Repair</i> , <b>2022</b> , 111, 103274	4.3	
13	Xeroderma Pigmentosum Complementation Group C (XPC): Emerging Roles in Non-Dermatologic Malignancies.. <i>Frontiers in Oncology</i> , <b>2022</b> , 12, 846965	5.3	2
12	Hemophagocytic Lymphohistiocytosis in the Medical ICU: A Single-Institution Cohort Study on Acute Liver Failure and Mortality <b>2021</b> , 3, e0318		0
11	4355 Impact of Demographic & Racial Differences on DNA Repair Capacity in Lung Cancer. <i>Journal of Clinical and Translational Science</i> , <b>2020</b> , 4, 137-137	0.4	
10	Biomarkers in Lung Cancer. <i>Clinics in Chest Medicine</i> , <b>2020</b> , 41, 115-127	5.3	19
9	Mortality Rates in a Diverse Cohort of Mechanically Ventilated Patients With Novel Coronavirus in the Urban Midwest <b>2020</b> , 2, e0187		11
8	Discovery and development of novel DNA-PK inhibitors by targeting the unique Ku-DNA interaction. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 11536-11550	20.1	13
7	XPC protects against smoking- and carcinogen-induced lung adenocarcinoma. <i>Carcinogenesis</i> , <b>2019</b> , 40, 403-411	4.6	6
6	Multicenter Validation of a Customizable Scoring Tool for Selection of Trainees for a Residency or Fellowship Program. The EAST-IST Study. <i>Annals of the American Thoracic Society</i> , <b>2017</b> , 14, 517-523	4.7	4
5	DNA damage response (DDR) pathway engagement in cisplatin radiosensitization of non-small cell lung cancer. <i>DNA Repair</i> , <b>2016</b> , 40, 35-46	4.3	37
4	DNA repair targeted therapy: The past or future of cancer treatment?. <i>Pharmacology &amp; Therapeutics</i> , <b>2016</b> , 160, 65-83	13.9	233
3	Recognition of DNA Termini by the C-Terminal Region of the Ku80 and the DNA-Dependent Protein Kinase Catalytic Subunit. <i>PLoS ONE</i> , <b>2015</b> , 10, e0127321	3.7	18
2	Complex cisplatin-double strand break (DSB) lesions directly impair cellular non-homologous end-joining (NHEJ) independent of downstream damage response (DDR) pathways. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 24263-72	5.4	39
1	Discovery and Development of Novel DNA-PK Inhibitors by Targeting the unique Ku-DNA Interaction		1