

# Cheryl Lyn Walker

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,908  
citations

394421

19  
h-index

377865

34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2882  
citing authors

#	ARTICLE	IF	CITATIONS
1	Responding to Natural and Industrial Disasters: Partnerships and Lessons Learned. <i>Disaster Medicine and Public Health Preparedness</i> , 2022, 16, 885-888.	1.3	8
2	Clear cell renal cell carcinoma ontogeny and mechanisms of lethality. <i>Nature Reviews Nephrology</i> , 2021, 17, 245-261.	9.6	278
3	An actin-WHAMM interaction linking SETD2 and autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2021, 558, 202-208.	2.1	6
4	Houston hurricane Harvey health (Houston-3H) study: assessment of allergic symptoms and stress after hurricane Harvey flooding. <i>Environmental Health</i> , 2021, 20, 9.	4.0	26
5	A cytoskeletal function for PBRM1 reading methylated microtubules. <i>Science Advances</i> , 2021, 7, .	10.3	17
6	Neuronal SETD2 activity links microtubule methylation to an anxiety-like phenotype in mice. <i>Brain</i> , 2021, 144, 2527-2540.	7.6	17
7	Molecular determinants for $\alpha$ -tubulin methylation by SETD2. <i>Journal of Biological Chemistry</i> , 2021, 297, 100898.	3.4	11
8	Abstract 1247: Targeting neddylation in combination with cytotoxic chemotherapy for the treatment of renal medullary carcinoma. , 2021, , .		0
9	Association of High-Intensity Exercise with Renal Medullary Carcinoma in Individuals with Sickle Cell Trait: Clinical Observations and Experimental Animal Studies. <i>Cancers</i> , 2021, 13, 6022.	3.7	14
10	Epigenetic response to hyperoxia in the neonatal lung is sexually dimorphic. <i>Redox Biology</i> , 2020, 37, 101718.	9.0	22
11	The Huntingtin-interacting protein SETD2/HYPB is an actin lysine methyltransferase. <i>Science Advances</i> , 2020, 6, .	10.3	29
12	Molecular hallmarks of renal medullary carcinoma: more to c-MYC than meets the eye. <i>Molecular and Cellular Oncology</i> , 2020, 7, 1777060.	0.7	10
13	Epigenome environment interactions accelerate epigenomic aging and unlock metabolically restricted epigenetic reprogramming in adulthood. <i>Nature Communications</i> , 2020, 11, 2316.	12.8	43
14	Remodeling the epigenome and (epi)cytoskeleton: a new paradigm for co-regulation by methylation. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	18
15	Hepatic Tumor Formation in Adult Mice Developmentally Exposed to Organotin. <i>Environmental Health Perspectives</i> , 2020, 128, 17010.	6.0	9
16	Comprehensive Molecular Characterization Identifies Distinct Genomic and Immune Hallmarks of Renal Medullary Carcinoma. <i>Cancer Cell</i> , 2020, 37, 720-734.e13.	16.8	74
17	SETD2 loss sensitizes cells to PI3K <sup>Î²</sup> and AKT inhibition. <i>Oncotarget</i> , 2019, 10, 647-659.	1.8	7
18	SETD2 regulates the maternal epigenome, genomic imprinting and embryonic development. <i>Nature Genetics</i> , 2019, 51, 844-856.	21.4	207

#	ARTICLE	IF	CITATIONS
19	p53 Is a Master Regulator of Proteostasis in SMARCB1-Deficient Malignant Rhabdoid Tumors. <i>Cancer Cell</i> , 2019, 35, 204-220.e9.	16.8	62
20	Updated Recommendations on the Diagnosis, Management, and Clinical Trial Eligibility Criteria for Patients With Renal Medullary Carcinoma. <i>Clinical Genitourinary Cancer</i> , 2019, 17, 1-6.	1.9	60
21	The NIEHS TaRGET II Consortium and environmental epigenomics. <i>Nature Biotechnology</i> , 2018, 36, 225-227.	17.5	79
22	A Model Linking Sickle Cell Hemoglobinopathies and SMARCB1 Loss in Renal Medullary Carcinoma. <i>Clinical Cancer Research</i> , 2018, 24, 2044-2049.	7.0	56
23	Roadmap for investigating epigenome deregulation and environmental origins of cancer. <i>International Journal of Cancer</i> , 2018, 142, 874-882.	5.1	64
24	Redox Regulation of Homeostasis and Proteostasis in Peroxisomes. <i>Physiological Reviews</i> , 2018, 98, 89-115.	28.8	79
25	SETD2 Haploinsufficiency for Microtubule Methylation Is an Early Driver of Genomic Instability in Renal Cell Carcinoma. <i>Cancer Research</i> , 2018, 78, 3135-3146.	0.9	48
26	Comparative transcriptomic profiling of renal medullary carcinoma (RMC) to determine distinct signatures and pathways associated with response to chemotherapy. <i>Journal of Clinical Oncology</i> , 2018, 36, 4575-4575.	1.6	1
27	CARM1 methylates MED12 to regulate its RNA-binding ability. <i>Life Science Alliance</i> , 2018, 1, e201800117.	2.8	43
28	Effect of SMARCB1 deficiency in renal medullary carcinoma (RMC) on genes associated with nucleosome assembly and telomere organization. <i>Journal of Clinical Oncology</i> , 2018, 36, 614-614.	1.6	3
29	Endocrine-disrupting chemicals and fatty liver disease. <i>Nature Reviews Endocrinology</i> , 2017, 13, 445-457.	9.6	172
30	Characterizing properties of non-estrogenic substituted bisphenol analogs using high throughput microscopy and image analysis. <i>PLoS ONE</i> , 2017, 12, e0180141.	2.5	37
31	Renal Medullary Carcinoma: Establishing Standards in Practice. <i>Journal of Oncology Practice</i> , 2017, 13, 414-421.	2.5	52
32	Minireview: Epigenomic Plasticity and Vulnerability to EDC Exposures. <i>Molecular Endocrinology</i> , 2016, 30, 848-855.	3.7	67
33	Reprogramming of the Epigenome by MLL1 Links Early-Life Environmental Exposures to Prostate Cancer Risk. <i>Molecular Endocrinology</i> , 2016, 30, 856-871.	3.7	68
34	Methylated $\alpha$ -tubulin antibodies recognize a new microtubule modification on mitotic microtubules. <i>MAbs</i> , 2016, 8, 1590-1597.	5.2	15
35	Dual Chromatin and Cytoskeletal Remodeling by SETD2. <i>Cell</i> , 2016, 166, 950-962.	28.9	204