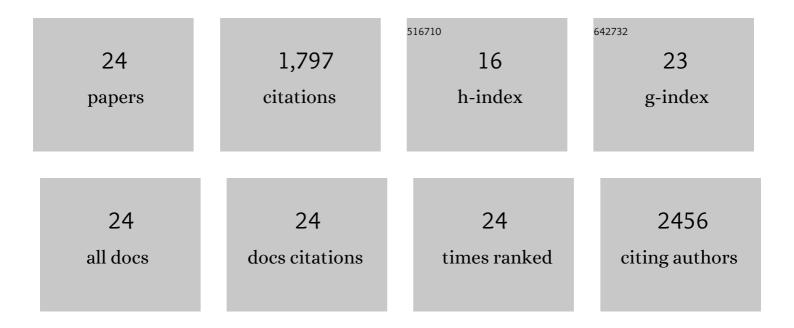
## Shar-Yin N Huang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cancer/Testis Antigen 55 is required for cancer cell proliferation and mitochondrial DNA maintenance. Mitochondrion, 2022, 64, 19-26.	3.4	2
2	Exonuclease VII repairs quinolone-induced damage by resolving DNA gyrase cleavage complexes. Science Advances, 2021, 7, .	10.3	6
3	SLFN11 Inactivation Induces Proteotoxic Stress and Sensitizes Cancer Cells to Ubiquitin Activating Enzyme Inhibitor TAK-243. Cancer Research, 2021, 81, 3067-3078.	0.9	23
4	PARylation prevents the proteasomal degradation of topoisomerase I DNA-protein crosslinks and induces their deubiquitylation. Nature Communications, 2021, 12, 5010.	12.8	26
5	A polymer index-matched to water enables diverse applications in fluorescence microscopy. Lab on A Chip, 2021, 21, 1549-1562.	6.0	18
6	The Indenoisoquinoline LMP517: A Novel Antitumor Agent Targeting both TOP1 and TOP2. Molecular Cancer Therapeutics, 2020, 19, 1589-1597.	4.1	10
7	BAMscale: quantification of next-generation sequencing peaks and generation of scaled coverage tracks. Epigenetics and Chromatin, 2020, 13, 21.	3.9	40
8	Topoisomerase II-Induced Chromosome Breakage and Translocation Is Determined by Chromosome Architecture and Transcriptional Activity. Molecular Cell, 2019, 75, 252-266.e8.	9.7	145
9	Mitochondrial tyrosyl― <scp>DNA</scp> phosphodiesterase 2 and its <scp>TDP</scp> 2 <sup>S</sup> short isoform. EMBO Reports, 2018, 19, .	4.5	19
10	TDP1 suppresses mis-joining of radiomimetic DNA double-strand breaks and cooperates with Artemis to promote optimal nonhomologous end joining. Nucleic Acids Research, 2018, 46, 8926-8939.	14.5	15
11	Topoisomerase Iâ€mediated cleavage at unrepaired ribonucleotides generates DNA doubleâ€strand breaks. EMBO Journal, 2017, 36, 361-373.	7.8	59
12	TDP1 is Critical for the Repair of DNA Breaks Induced by Sapacitabine, a Nucleoside also Targeting ATM- and BRCA-Deficient Tumors. Molecular Cancer Therapeutics, 2017, 16, 2543-2551.	4.1	25
13	Parallel analysis of ribonucleotide-dependent deletions produced by yeast Top1 <i>in vitro</i> and <i>in vivo</i> . Nucleic Acids Research, 2016, 44, 7714-7721.	14.5	15
14	Deazaflavin Inhibitors of Tyrosyl-DNA Phosphodiesterase 2 (TDP2) Specific for the Human Enzyme and Active against Cellular TDP2. ACS Chemical Biology, 2016, 11, 1925-1933.	3.4	32
15	Roles of eukaryotic topoisomerases in transcription, replication and genomic stability. Nature Reviews Molecular Cell Biology, 2016, 17, 703-721.	37.0	695
16	Lack of mitochondrial topoisomerase I ( <i>TOP1mt</i> ) impairs liver regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11282-11287.	7.1	50
17	Topoisomeraseâ€Induced DNA Cleavage at Ribonucleotide Misincorporation Sites. FASEB Journal, 2015, 29, 371.3.	0.5	0
18	Proteolytic Degradation of Topoisomerase II (Top2) Enables the Processing of Top2·DNA and Top2·RNA Covalent Complexes by Tyrosyl-DNA-Phosphodiesterase 2 (TDP2). Journal of Biological Chemistry, 2014, 289, 17960-17969.	3.4	103

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#	Article	IF	CITATIONS
19	Biochemical Assays for the Discovery of TDP1 Inhibitors. Molecular Cancer Therapeutics, 2014, 13, 2116-2126.	4.1	18
20	Mapping Topoisomerase Sites in Mitochondrial DNA with a Poisonous Mitochondrial Topoisomerase I (Top1mt). Journal of Biological Chemistry, 2014, 289, 18595-18602.	3.4	25
21	Tyrosyl-DNA-phosphodiesterases (TDP1 and TDP2). DNA Repair, 2014, 19, 114-129.	2.8	253
22	TDP1 repairs nuclear and mitochondrial DNA damage induced by chain-terminating anticancer and antiviral nucleoside analogs. Nucleic Acids Research, 2013, 41, 7793-7803.	14.5	86
23	Biochemical Characterization of Human Tyrosyl-DNA Phosphodiesterase 2 (TDP2/TTRAP). Journal of Biological Chemistry, 2012, 287, 30842-30852.	3.4	54
24	Tyrosyl-DNA Phosphodiesterase 1 (Tdp1) inhibitors. Expert Opinion on Therapeutic Patents, 2011, 21, 1285-1292.	5.0	78