# Joseph E Deweese

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 31 papers | 987 citations | 16 h-index | 31 g-index |
| 34 ext. papers | 1,115 ext. citations | 5.2 avg, IF | 4.42 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 31 | A model for incorporating faith, values, and ethics into a healthcare provider course. *International Journal of Christianity and Education*, **2022**, 26, 50-64 | 0.2 | |
| 30 | Cannabidiol oxidation product HU-331 is a potential anticancer cannabinoid-quinone: a narrative review. *Journal of Cannabis Research*, **2021**, 3, 11 | 2.5 | 3 |
| 29 | Exploration of the Role of the C-Terminal Domain of Human DNA Topoisomerase II in Catalytic Activity. *ACS Omega*, **2021**, 6, 25892-25903 | 3.9 | 1 |
| 28 | Synthesis and evaluation of etoposide and podophyllotoxin analogs against topoisomerase II and HCT-116 cells. *Bioorganic and Medicinal Chemistry*, **2020**, 28, 115773 | 3.4 | 1 |
| 27 | Clarifying the Mechanism of Copper(II) (N)-Heterocyclic Thiosemicarbazone Complexes on DNA Topoisomerase II and II *Chemical Research in Toxicology*, **2019**, 32, 2135-2143 | 4 | 6 |
| 26 | Examination of the Effect of Copper (II) (N)-Heterocyclic Thiosemicarbazone Complexes on DNA Topoisomerase II *FASEB Journal*, **2019**, 33, 470.5 | 0.9 | |
| 25 | The variable C-terminal domain of human type II topoisomerases as a functionally relevant therapeutic target. *FASEB Journal*, **2019**, 33, 793.4 | 0.9 | |
| 24 | Examining the Impact of Antimicrobial Fluoroquinolones on Human DNA Topoisomerase II and II *ACS Omega*, **2019**, 4, 4049-4055 | 3.9 | 16 |
| 23 | Structural and Metal Ion Effects on Human Topoisomerase II nhibition by (N)-Heterocyclic Thiosemicarbazones. *Chemical Research in Toxicology*, **2019**, 32, 90-99 | 4 | 8 |
| 22 | HU-331 and Oxidized Cannabidiol Act as Inhibitors of Human Topoisomerase II and *Chemical Research in Toxicology*, **2018**, 31, 137-144 | 4 | 9 |
| 21 | Measuring Pharmacy Student Attitudes Toward Prayer: The Student Prayer Attitude Scale (SPAS). *Christian Higher Education*, **2017**, 16, 200-210 | 0.4 | 3 |
| 20 | Inhibitors and Poisons of Mammalian Type II Topoisomerases. *Advances in Molecular Toxicology*, **2017**, 11, 203-240 | 0.4 | 9 |
| 19 | Two-Mechanism Model for the Interaction of Etoposide Quinone with Topoisomerase II *Chemical Research in Toxicology*, **2016**, 29, 1541-8 | 4 | 21 |
| 18 | Examination of the Impact of Copper(II) (N)-Heterocyclic Thiosemicarbazone Complexes on DNA Topoisomerase II *Chemical Research in Toxicology*, **2016**, 29, 649-58 | 4 | 24 |
| 17 | Cu(II) Benzoylpyridine Thiosemicarbazone Complexes: Inhibition of Human Topoisomerase II<i></i> and Activity against Breast Cancer Cells. *Open Journal of Inorganic Chemistry*, **2016**, 06, 146-154 | 0.2 | 10 |
| 16 | Catalytic core of human topoisomerase II insights into enzyme-DNA interactions and drug mechanism. *Biochemistry*, **2014**, 53, 6595-602 | 3.2 | 21 |
| 15 | Etoposide quinone is a covalent poison of human topoisomerase II *Biochemistry*, **2014**, 53, 3229-36 | 3.2 | 35 |

# List of Publications

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|---|---|---|---|
| 14 | HU-331 is a catalytic inhibitor of topoisomerase II. *Chemical Research in Toxicology*, **2014**, 27, 2044-51 | 4 | 25 |
| 13 | Etoposide catechol is an oxidizable topoisomerase II poison. *Chemical Research in Toxicology*, **2013**, 26, 1156-8 | 4 | 18 |
| 12 | Etoposide Catechol Is an Oxidizable Topoisomerase II Poison. *FASEB Journal*, **2013**, 27, lb75 | 0.9 | |
| 11 | DNA cleavage and opening reactions of human topoisomerase II are regulated via Mg2+-mediated dynamic bending of gate-DNA. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 2925-30 | 11.5 | 47 |
| 10 | Etoposide quinone is a redox-dependent topoisomerase II poison. *Biochemistry*, **2011**, 50, 5660-7 | 3.2 | 39 |
| 9 | A novel and unified two-metal mechanism for DNA cleavage by type II and IA topoisomerases. *Nature*, **2010**, 465, 641-4 | 50.4 | 118 |
| 8 | The use of divalent metal ions by type II topoisomerases. *Metallomics*, **2010**, 2, 450-9 | 4.5 | 43 |
| 7 | Coordinating the two protomer active sites of human topoisomerase IIalpha: nicks as topoisomerase II poisons. *Biochemistry*, **2009**, 48, 1439-41 | 3.2 | 23 |
| 6 | Use of divalent metal ions in the dna cleavage reaction of human type II topoisomerases. *Biochemistry*, **2009**, 48, 1862-9 | 3.2 | 14 |
| 5 | Metal ion interactions in the DNA cleavage/ligation active site of human topoisomerase IIalpha. *Biochemistry*, **2009**, 48, 8940-7 | 3.2 | 15 |
| 4 | The DNA cleavage reaction of topoisomerase II: wolf in sheep's clothing. *Nucleic Acids Research*, **2009**, 37, 738-48 | 20.1 | 323 |
| 3 | DNA Topology and Topoisomerases: Teaching a "Knotty" Subject. *Biochemistry and Molecular Biology Education*, **2008**, 37, 2-10 | 1.3 | 81 |
| 2 | Using 3'bridging phosphorothiolates to isolate the forward DNA cleavage reaction of human topoisomerase IIalpha. *Biochemistry*, **2008**, 47, 4129-40 | 3.2 | 33 |
| 1 | Human topoisomerase IIalpha uses a two-metal-ion mechanism for DNA cleavage. *Nucleic Acids Research*, **2008**, 36, 4883-93 | 20.1 | 41 |