

# CITATION REPORT

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**Predicted concentrations of anticancer drugs in the aquatic environment: What should we monitor and where should we treat?**

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#	Paper	IF	Citations
39	In Vitro Cytotoxicity Study of Cyclophosphamide, Etoposide and Paclitaxel on Monocyte Macrophage Cell Line Raw 264.7. <i>Indian Journal of Microbiology</i> , <b>2020</b> , 60, 511-517	3.7	6
38	Environmental Remediation of Antineoplastic Drugs: Present Status, Challenges, and Future Directions. <i>Processes</i> , <b>2020</b> , 8, 747	2.9	4
37	Solar photo-Fenton treatment of the anti-cancer drug anastrozole in different aqueous matrices at near-neutral pH: Transformation products identification, pathways proposal, and in silico (Q)SAR risk assessment. <i>Science of the Total Environment</i> , <b>2021</b> , 754, 142300	10.2	13
36	Environmental fate, distribution and state-of-the-art removal of antineoplastic drugs: A comprehensive insight. <i>Chemical Engineering Journal</i> , <b>2021</b> , 407, 127184	14.7	10
35	Adsorptive removal of pharmaceuticals from water using metal-organic frameworks: A review. <i>Journal of Environmental Management</i> , <b>2021</b> , 277, 111389	7.9	39
34	Oxidation processes for cytostatic drugs elimination in aqueous phase: A critical review. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 104709	6.8	9
33	Threat and sustainable technological solution for antineoplastic drugs pollution: Review on a persisting global issue. <i>Chemosphere</i> , <b>2021</b> , 263, 128285	8.4	21
32	Edible Flowers: Antioxidant Compounds and Their Functional Properties. <i>Horticulturae</i> , <b>2021</b> , 7, 66	2.5	4
31	The antineoplastic drugs cyclophosphamide and cisplatin in the aquatic environment - Review. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 412, 125028	12.8	14
30	Anticancer drugs in the aquatic ecosystem: Environmental occurrence, ecotoxicological effect and risk assessment. <i>Environment International</i> , <b>2021</b> , 153, 106543	12.9	17
29	Detection of anticancer drugs in wastewater effluents: Grab versus passive sampling. <i>Science of the Total Environment</i> , <b>2021</b> , 786, 147477	10.2	6
28	Treatment-driven removal efficiency, product formation, and toxicity evolution of antineoplastic agents: Current status and implications for water safety assessment. <i>Water Research</i> , <b>2021</b> , 206, 117729	12.5	1
27	Effects of the antineoplastic drug cyclophosphamide on the biochemical responses of the mussel <i>Mytilus galloprovincialis</i> under different temperatures. <i>Environmental Pollution</i> , <b>2021</b> , 288, 117735	9.3	0
26	Cyclophosphamide affects eye development and locomotion in zebrafish ( <i>Danio rerio</i> ). <i>Science of the Total Environment</i> , <b>2022</b> , 805, 150460	10.2	2
25	Covalent organic frameworks-based smart materials for mitigation of pharmaceutical pollutants from aqueous solution. <i>Chemosphere</i> , <b>2022</b> , 286, 131710	8.4	11
24	Challenges of TiO heterogeneous photocatalysis on cytostatic compounds degradation: state of the art. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	2
23	Biodegradation of cyclophosphamide and etoposide by white rot fungi and their degradation kinetics. <i>Bioresource Technology</i> , <b>2021</b> , 346, 126355	11	0

22	Degradation of antineoplastic drug etoposide in aqueous environment by photolysis and photocatalysis. Identification of photocatalytic transformation products and toxicity assessment. <i>Chemical Engineering Journal</i> , <b>2021</b> , 431, 133969	14.7	1
21	Magnetite graphene oxide modified with $\beta$ -cyclodextrin as an effective adsorbent for the removal of methotrexate and doxorubicin hydrochloride from water.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	3
20	Anticancer drugs in the environment: environmental levels and technological challenges. <b>2022</b> , 55-86		0
19	Treatment of anticancer drugs in a real wastewater effluent using nanofiltration: A pilot scale study. <i>Separation and Purification Technology</i> , <b>2022</b> , 288, 120565	8.3	1
18	Trends in on-site removal, treatment, and sensitive assay of common pharmaceuticals in surface waters. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2022</b> , 116556	14.6	3
17	Membrane bioreactor for the treatment of emerging pharmaceutical compounds in a circular bioeconomy. <b>2022</b> , 203-221		
16	Theoretical insights into the transformation mechanism and eco-toxicity effects of 5-Fluorouracil by O <sub>3</sub> and OH in waters. <i>Chemical Engineering Research and Design</i> , <b>2022</b> , 160, 541-550	5.5	1
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14	Characterization of oxaliplatin removal by multispecies bacterial populations in moving-bed biofilm (MBB) and suspended-biomass (SB) reactors.. <i>Journal of Applied Microbiology</i> , <b>2022</b> ,	4.7	1
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12	Decentralized systems for the treatment of antimicrobial compounds released from hospital aquatic wastes. <i>Science of the Total Environment</i> , <b>2022</b> , 840, 156569	10.2	1
11	Contributions towards the hazard evaluation of two widely used cytostatic drugs.		0
10	A review of emerging micro-pollutants in hospital wastewater: Environmental fate and remediation options. <b>2022</b> , 16, 100671		1
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7	Role of operating parameters in photoelectrocatalytic degradation of anticancer drugs: Ifosfamide, 5-fluorouracil and imatinib using CdS/TiO <sub>2</sub> . <b>2023</b> , 51, 103460		0
6	The removal of pharmaceutical pollutants from aqueous solution by Agro-waste. <b>2023</b> , 16, 104699		0
5	Degradation performance and potential protection mechanism of the anammox consortia in response to capecitabine. <b>2023</b> , 327, 138539		0

- 4 Evaluation of Cyclophosphamide on the Behavior and Reproduction of *Daphnia magna*. **2023**, 3, 996-1006 ○
- 3 A study to assess the health effects of an anticancer drug (cyclophosphamide) in zebrafish (*Danio rerio*): eco-toxicity of emerging contaminants. ○
- 2 Pharmaceuticals in the marine environment: occurrence, fate, and biological effects. **2023**, 11-71 ○
- 1 Assessing the risks of capecitabine and its active metabolite 5-fluorouracil to freshwater biota. ○