

# Evaluation of Biostimulation and Bioaugmentation To S Hexahydro-1,3,5-trinitro-1,3,5,-triazine Degradation in a

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Citation Report

#	ARTICLE	IF	CITATIONS
1	RDX degradation in bioaugmented model aquifer columns under aerobic and low oxygen conditions. Applied Microbiology and Biotechnology, 2017, 101, 5557-5567.	1.7	11
2	Functional Characterization of a Novel Amidase Involved in Biotransformation of Triclocarban and its Dehalogenated Congeners in <i>Ochrobactrum</i> sp. TCC-2. Environmental Science & Technology, 2017, 51, 291-300.	4.6	79
3	Visualisation study on <i>Pseudomonas migulae</i> AN-1 transport in saturated porous media. Water Research, 2017, 122, 329-336.	5.3	7
4	Periodical biostimulation with nutrient addition and bioaugmentation using mixed fungal cultures to maintain enzymatic oxidation during extended bioremediation of oily soil microcosms. International Biodeterioration and Biodegradation, 2017, 116, 112-123.	1.9	28
5	Enhanced bioelectroremediation of a complexly contaminated river sediment through stimulating electroactive degraders with methanol supply. Journal of Hazardous Materials, 2018, 349, 168-176.	6.5	37
6	Typical Soil Redox Processes in Pentachlorophenol Polluted Soil Following Biochar Addition. Frontiers in Microbiology, 2018, 9, 579.	1.5	28
7	Enhancing bacterial transport with saponins in saturated porous media for the bioaugmentation of groundwater: visual investigation and surface interactions. Environmental Science and Pollution Research, 2018, 25, 26539-26549.	2.7	5
8	High throughput quantification of the functional genes associated with RDX biodegradation using the SmartChip real-time PCR system. Applied Microbiology and Biotechnology, 2019, 103, 7161-7175.	1.7	6
9	Manipulating redox conditions to enhance in situ bioremediation of RDX in groundwater at a contaminated site. Science of the Total Environment, 2019, 676, 368-377.	3.9	11
10	Enhanced plasmid-mediated bioaugmentation of RDX-contaminated matrices in column studies using donor strain <i>Gordonia</i> sp. KTR9. Journal of Industrial Microbiology and Biotechnology, 2019, 46, 1273-1281.	1.4	3
11	Right on target: using plants and microbes to remediate explosives. International Journal of Phytoremediation, 2019, 21, 1051-1064.	1.7	24
12	Harnessing the catabolic versatility of <i>Gordonia</i> species for detoxifying pollutants. Biotechnology Advances, 2019, 37, 382-402.	6.0	24
13	Biodegradation and Bioremediation of TNT and Other Nitro Explosives. , 2019, , 181-196.		1
14	Passive in situ biobarrier for treatment of comingled nitramine explosives and perchlorate in groundwater on an active range. Journal of Hazardous Materials, 2019, 365, 827-834.	6.5	10
15	Spatially-distinct redox conditions and degradation rates following field-scale bioaugmentation for RDX-contaminated groundwater remediation. Journal of Hazardous Materials, 2020, 387, 121529.	6.5	10
16	How synthetic biology can help bioremediation. Current Opinion in Chemical Biology, 2020, 58, 86-95.	2.8	52
17	Novel Pathway for Chloramphenicol Catabolism in the Activated Sludge Bacterial Isolate <i>Spingobium</i> sp. CAP-1. Environmental Science & Technology, 2020, 54, 7591-7600.	4.6	41
18	Response of the green June beetle and its gut microbiome to RDX and phenanthrene. International Journal of Environmental Science and Technology, 2021, 18, 1785-1792.	1.8	2

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19	Combined bioaugmentation with electro-biostimulation for improved bioremediation of antimicrobial triclocarban and PAHs complexly contaminated sediments. <i>Journal of Hazardous Materials</i> , 2021, 403, 123937.	6.5	30
20	Environmental concerns associated with explosives (HMX, TNT, and RDX), heavy metals and metalloids from shooting range soils: Prevailing issues, leading management practices, and future perspectives. , 2021, , 569-590.		27
21	Determining the impact of biofilm in the bioaugmentation process of benzene-contaminated resources. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104976.	3.3	7
22	Genetically Engineered Methanotroph as a Platform for Bioaugmentation of Chemical Pesticide Contaminated Soil. <i>ACS Synthetic Biology</i> , 2021, 10, 487-494.	1.9	13
23	Diversity and abundance of the functional genes and bacteria associated with RDX degradation at a contaminated site pre- and post-biostimulation. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 6463-6475.	1.7	3
24	Enhanced bioremediation of RDX and Co-Contaminants perchlorate and nitrate using an anaerobic dehalogenating consortium in a fractured rock aquifer. <i>Chemosphere</i> , 2022, 294, 133674.	4.2	3
25	Effects of Perchlorate and Other Groundwater Inorganic Co-Contaminants on Aerobic RDX Degradation. <i>Microorganisms</i> , 2022, 10, 663.	1.6	2
27	Nature-based approaches to reducing the environmental risk of organic contaminants resulting from military activities. <i>Science of the Total Environment</i> , 2022, 843, 157007.	3.9	11
28	Bioaugmentation of polycyclic aromatic hydrocarbon (PAH)-contaminated soil with the nitrate-reducing bacterium PheN7 under anaerobic condition. <i>Journal of Hazardous Materials</i> , 2022, 439, 129643.	6.5	20
29	Effect of Mineral Carriers on Biofilm Formation and Nitrogen Removal Activity by an Indigenous Anammox Community from Cold Groundwater Ecosystem Alone and Bioaugmented with Biomass from a Warm Anammox Reactor. <i>Biology</i> , 2022, 11, 1421.	1.3	5
30	Variations of microbiota in three types of typical military contaminated sites: Diversities, structures, influence factors, and co-occurrence patterns. <i>Journal of Hazardous Materials</i> , 2023, 443, 130290.	6.5	8
32	Remediation of Soils Polluted by Military Activities. <i>Handbook of Environmental Chemistry</i> , 2024, , .	0.2	0