

Fathi Djouider

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

103
citations

1684188

5
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Disproportionation of Cr V generated by the radiation-induced reduction of Cr VI in aqueous solution containing formate: a pulse radiolysis study. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 4173.	1.7	25
2	Use of the dichromate solution as a dosimeter for high dose and high dose rate. <i>Radiation Physics and Chemistry</i> , 1996, 48, 799-804.	2.8	20
3	Monte Carlo simulations for dose enhancement in cancer treatment using bismuth oxide nanoparticles implanted in brain soft tissue. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2018, 41, 363-370.	1.3	17
4	Radiolytic formation of non-toxic Cr(III) from toxic Cr(VI) in formate containing aqueous solutions: A system for water treatment. <i>Journal of Hazardous Materials</i> , 2012, 223-224, 104-109.	12.4	14
5	A laboratory study of the oxidation of non toxic Cr(III) to toxic Cr(VI) by OH• free radicals in simulated atmospheric water droplets conditions: Potential environmental impact. <i>Journal of Hazardous Materials</i> , 2014, 276, 19-25.	12.4	11
6	Application of ionizing radiation to environmental protection: removal of toxic Cr(VI) metal ion in industrial wastewater: preliminary study. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 285, 417-423.	1.5	4
7	Radiation induced environmental remediation of Cr(VI) heavy metal in aerated neutral solution under simulated industrial effluent. <i>Radiochimica Acta</i> , 2017, 105, 493-504.	1.2	3
8	Performance testing of locally manufactured commercial soda-lime-silicate glass in Saudi Arabia for low-dose radiation in ¹³⁷ CS-ray field. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	3
9	Simulated industrial wastewater treatment using continuous high-energy electron beam irradiation: Removal of chromium (VI) toxic metal. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
10	Kinetics and mechanism of the advanced oxidation process of Cr(III) to Cr(VI) by SO ₄ ^{•-} free radicals in slightly acidic simulated atmospheric water. <i>Radiochimica Acta</i> , 2020, 108, 127-135.	1.2	2
11	Estimation of Dose Enhancement for Inhomogeneous Distribution of Nanoparticles: A Monte Carlo Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4900.	2.5	1
12	Conductometric pulse radiolysis study of the interconversion Cr(III)/Cr(VI) redox reactions in acidic solution: Atmospheric pollution relevance. <i>Journal of Radiation Research and Applied Sciences</i> , 2021, 14, 246-252.	1.2	0
13	A virtual laboratory for radiotracer and sealed-source applications in industry. <i>Nukleonika</i> , 2021, 66, 21-27.	0.8	0