

# Ceren KÃ¼tahyali Aslani

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

838  
citations

932766

10  
h-index

839053

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

905  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sorption studies of uranium and thorium on activated carbon prepared from olive stones: Kinetic and thermodynamic aspects. <i>Journal of Nuclear Materials</i> , 2010, 396, 251-256.	1.3	205
2	Biosorption of lanthanum and cerium from aqueous solutions by <i>Platanus orientalis</i> leaf powder. <i>Hydrometallurgy</i> , 2008, 90, 13-18.	1.8	166
3	Selective adsorption of uranium from aqueous solutions using activated carbon prepared from charcoal by chemical activation. <i>Separation and Purification Technology</i> , 2004, 40, 109-114.	3.9	152
4	Can carbon nanotubes play a role in the field of nuclear waste management?. <i>Environmental Science &amp; Technology</i> , 2009, 43, 1250-1255.	4.6	86
5	Factors Affecting Lanthanum and Cerium Biosorption on <i>Pinus brutia</i> Leaf Powder. <i>Separation Science and Technology</i> , 2010, 45, 1456-1462.	1.3	56
6	Active Carbon/PAN composite adsorbent for uranium removal: Modeling adsorption isotherm data, thermodynamic and kinetic studies. <i>Applied Radiation and Isotopes</i> , 2021, 168, 109474.	0.7	42
7	Biosorption of Ce(III) onto modified <i>Pinus brutia</i> leaf powder using central composite design. <i>Wood Science and Technology</i> , 2012, 46, 721-736.	1.4	38
8	Investigation of strontium sorption onto Kula volcanics using Central Composite Design. <i>Journal of Hazardous Materials</i> , 2012, 201-202, 115-124.	6.5	18
9	Assessment of the adsorption of thorium onto styrene-divinylbenzene-based resin: Optimization using central composite design and thermodynamic parameters. <i>Chemical Engineering Research and Design</i> , 2017, 109, 192-202.	2.7	15
10	Removal of thorium by modified multi-walled carbon nanotubes: Optimization, thermodynamic, kinetic, and molecular dynamic viewpoint. <i>Progress in Nuclear Energy</i> , 2020, 127, 103445.	1.3	12
11	Sorption studies of strontium on carbon nanotubes using the Box-Behnken design. <i>Radiochimica Acta</i> , 2014, 102, 931-940.	0.5	9
12	A series of $Rb_4Ln_2(P_2S_6)_2(PS_4)_2$ ( $Ln = La, Tj$ ) $ETQqO_0O_0rgBT/Overl$ [ $P^{IV}S_4$ ] $^{3-}$ and [ $P^{IV}S_2S_6$ ] $^{4-}$ . <i>Dalton Transactions</i> , 2021, 50, 1683-1689.	1.6	9
13	Assessment of reaction between thorium and polyelectrolyte nano-thin film using Box-Behnken design. <i>Adsorption Science and Technology</i> , 2018, 36, 586-607.	1.5	8
14	Comparison of fluorescence-enhancing reagents and optimization of laser fluorimetric technique for the determination of dissolved uranium. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 287, 1-5.	0.7	6
15	Adsorption of Th(IV) on the modified multi-walled carbon nanotubes using central composite design. <i>Radiochimica Acta</i> , 2019, 107, 377-386.	0.5	5
16	Targeting complex plutonium oxides by combining crystal chemical reasoning with density-functional theory calculations: the quaternary plutonium oxide $Cs_2PuSi_6O_{15}$ . <i>Chemical Communications</i> , 2020, 56, 9501-9504.	2.2	5
17	<i>Helianthus Annuus</i> ĞekirdeĞi KabuklarĞnda Toryum Sorpsiyonunun Taguchi Metodu KullanĞlarak Ğncelenmesi. <i>Deu Muhendislik Fakultesi Fen Ve Muhendislik</i> , 2019, 21, 741-747.	0.1	4
18	Flux crystal growth of a new $BaTa_2O_6$ polymorph, and of the novel tantalum oxyfluoride salt inclusion phase $[Ba_3F]Ta_4O_{12}F$ : Flux dependent phase formation. <i>Journal of Solid State Chemistry</i> , 2021, 294, 121833.	1.4	2