

# Ceren KÃ¼tahyali Aslani

## List of Publications by Year in descending order

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18  
papers

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932766

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839053

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docs citations

18  
times ranked

905  
citing authors

#	ARTICLE	IF	CITATIONS
1	Active Carbon/PAN composite adsorbent for uranium removal: Modeling adsorption isotherm data, thermodynamic and kinetic studies. Applied Radiation and Isotopes, 2021, 168, 109474.	0.7	42
2	Flux crystal growth of a new BaTa <sub>2</sub> O <sub>6</sub> polymorph, and of the novel tantalum oxyfluoride salt inclusion phase [Ba <sub>3</sub> F]Ta <sub>4</sub> O <sub>12</sub> F: Flux dependent phase formation. Journal of Solid State Chemistry, 2021, 294, 121833.	1.4	2
3	A series of Rb <sub>4</sub> Ln <sub>2</sub> (P <sub>2</sub> S <sub>6</sub> )(PS <sub>4</sub> ) <sub>2</sub> (Ln = La, Tj) ETQq1 1 0.784314 r [P <sup>V</sup> S <sub>4</sub> ] <sup>3+</sup> and [P <sup>IV</sup> S <sub>2</sub> S <sub>6</sub> ] <sup>4+</sup> . Dalton Transactions, 2021, 50, 1683-1689.	1.6	9
4	Removal of thorium by modified multi-walled carbon nanotubes: Optimization, thermodynamic, kinetic, and molecular dynamic viewpoint. Progress in Nuclear Energy, 2020, 127, 103445.	1.3	12
5	Targeting complex plutonium oxides by combining crystal chemical reasoning with density-functional theory calculations: the quaternary plutonium oxide Cs <sub>2</sub> PuSi <sub>6</sub> O <sub>15</sub> . Chemical Communications, 2020, 56, 9501-9504.	2.2	5
6	Adsorption of Th(IV) on the modified multi-walled carbon nanotubes using central composite design. Radiochimica Acta, 2019, 107, 377-386.	0.5	5
7	Helianthus Annuus ĞekirdeĞi KabuklarĞnda Toryum Sorpsiyonunun Taguchi Metodu KullanĞarak Ğncelenmesi. Deu Muhendislik Fakultesi Fen Ve Muhendislik, 2019, 21, 741-747.	0.1	4
8	Assessment of reaction between thorium and polyelectrolyte nano-thin film using BoxĞBehnken design. Adsorption Science and Technology, 2018, 36, 586-607.	1.5	8
9	Assessment of the adsorption of thorium onto styreneĞdivinylbenzene-based resin: Optimization using central composite design and thermodynamic parameters. Chemical Engineering Research and Design, 2017, 109, 192-202.	2.7	15
10	Sorption studies of strontium on carbon nanotubes using the BoxĞBehnken design. Radiochimica Acta, 2014, 102, 931-940.	0.5	9
11	Biosorption of Ce(III) onto modified Pinus brutia leaf powder using central composite design. Wood Science and Technology, 2012, 46, 721-736.	1.4	38
12	Investigation of strontium sorption onto Kula volcanics using Central Composite Design. Journal of Hazardous Materials, 2012, 201-202, 115-124.	6.5	18
13	Comparison of fluorescence-enhancing reagents and optimization of laser fluorimetric technique for the determination of dissolved uranium. Journal of Radioanalytical and Nuclear Chemistry, 2011, 287, 1-5.	0.7	6
14	Sorption studies of uranium and thorium on activated carbon prepared from olive stones: Kinetic and thermodynamic aspects. Journal of Nuclear Materials, 2010, 396, 251-256.	1.3	205
15	Factors Affecting Lanthanum and Cerium Biosorption on <i>Pinus brutia</i> Leaf Powder. Separation Science and Technology, 2010, 45, 1456-1462.	1.3	56
16	Can carbon nanotubes play a role in the field of nuclear waste management?. Environmental Science & Technology, 2009, 43, 1250-1255.	4.6	86
17	Biosorption of lanthanum and cerium from aqueous solutions by Platanus orientalis leaf powder. Hydrometallurgy, 2008, 90, 13-18.	1.8	166
18	Selective adsorption of uranium from aqueous solutions using activated carbon prepared from charcoal by chemical activation. Separation and Purification Technology, 2004, 40, 109-114.	3.9	152