

# Elif Turker Acar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2849880/publications.pdf>

Version: 2024-02-01

20  
papers

377  
citations

932766

10  
h-index

887659

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomimetic potassium-selective nanopores. <i>Science Advances</i> , 2019, 5, eaav2568.	4.7	128
2	Modulation of Charge Density and Charge Polarity of Nanopore Wall by Salt Gradient and Voltage. <i>ACS Nano</i> , 2019, 13, 9868-9879.	7.3	42
3	Gating of Hydrophobic Nanopores with Large Anions. <i>ACS Nano</i> , 2020, 14, 4306-4315.	7.3	39
4	Adsorptive removal of thiazine dyes from aqueous solutions by oil shale and its oil processing residues: Characterization, equilibrium, kinetics and modeling studies. <i>Chemical Engineering Journal</i> , 2015, 276, 340-348.	6.6	33
5	Competitive Adsorption of Basic Dyes onto Calcite in Single and Binary Component Systems. <i>Separation Science and Technology</i> , 2010, 45, 1471-1481.	1.3	23
6	Performance of acrylic monomer based terpolymer/montmorillonite nanocomposite hydrogels for U(VI) removal from aqueous solutions. <i>Chemical Engineering Research and Design</i> , 2013, 91, 670-680.	2.7	22
7	Synthesis, electrochemistry and electrocatalytic activity of cobalt phthalocyanine complexes " Effects of substituents for oxygen reduction reaction. <i>Polyhedron</i> , 2018, 152, 114-124.	1.0	22
8	Concentration-Polarization-Induced Precipitation and Ionic Current Oscillations with Tunable Frequency. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3648-3654.	1.5	15
9	The removal of radioactive strontium ions from aqueous solutions by isotopic exchange using strontium decavanadates and corresponding mixed oxides. <i>Chemical Engineering Journal</i> , 2018, 344, 194-205.	6.6	14
10	Sensitive determination and electro-oxidative polymerization of azodyes on a carbon paste electrode modified with bentonite. <i>Applied Clay Science</i> , 2015, 105-106, 131-141.	2.6	12
11	Synthesis, Electrochemistry, DFT Calculations, Antimicrobial Properties and X-ray Crystal Structures of Some NH <sub>2</sub> -and/or S-Substituted 1,4-quinones. <i>ChemistrySelect</i> , 2018, 3, 8615-8623.	0.7	8
12	A square-pyramidal iron(III) complex obtained from 2-hydroxy-benzophenone-S-allyl-thiosemicarbazone: synthesis, characterization, electrochemistry, quantum chemical studies and antioxidant capability. <i>Journal of Coordination Chemistry</i> , 2020, 73, 120-136.	0.8	8
13	A comparison of anionic and cationic dye removal efficiency of industrial bauxite waste red-mud. <i>Journal of Dispersion Science and Technology</i> , 2023, 44, 144-156.	1.3	5
14	Sensitive Determination of Nicotine on PolyNiTSPc Electrodeposited Glassy Carbon Electrode: Investigation of Reaction Mechanism. <i>Electroanalysis</i> , 2018, 30, 2994-3002.	1.5	3
15	Nanopores and Channels for Biomimetics and Biomedical Engineering. <i>Biophysical Journal</i> , 2020, 118, 2a-3a.	0.2	1
16	Photocatalytic efficiency of titania nonylphenol ethoxylate composite thin films under solar irradiation. <i>Materials Chemistry and Physics</i> , 2022, 275, 125210.	2.0	1
17	Capacitive performance of electrochemically deposited Co/Ni oxides/hydroxides on polythiophene-coated carbon-cloth. <i>Journal of Polymer Engineering</i> , 2022, 42, 151-162.	0.6	1
18	Biomimetic, Voltage-Sensitive Nanopores with Local Control over Pore Position, Size and Surface Chemistry. <i>Biophysical Journal</i> , 2019, 116, 293a.	0.2	0

#	ARTICLE	IF	CITATIONS
19	A Robust Mechanism to Render Artificial Nanopores Potassium Ion Selective. Biophysical Journal, 2019, 116, 293a.	0.2	0
20	Biomimetic Signal Propagation in a Two-Pore Solid-State System. Biophysical Journal, 2020, 118, 159a.	0.2	0