

# Ali Ozcan

## List of Publications by Year in descending order

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40  
papers

2,768  
citations

186265

28  
h-index

302126

39  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2886  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Treatment of the Antibiotic Sulfachloropyridazine: Kinetics, Reaction Pathways, and Toxicity Evolution. <i>Environmental Science &amp; Technology</i> , 2012, 46, 4074-4082.	10.0	382
2	Carbon sponge as a new cathode material for the electro-Fenton process: Comparison with carbon felt cathode and application to degradation of synthetic dye basic blue 3 in aqueous medium. <i>Journal of Electroanalytical Chemistry</i> , 2008, 616, 71-78.	3.8	346
3	Removal of Acid Orange 7 from water by electrochemically generated Fenton's reagent. <i>Journal of Hazardous Materials</i> , 2009, 163, 1213-1220.	12.4	251
4	Degradation of picloram by the electro-Fenton process. <i>Journal of Hazardous Materials</i> , 2008, 153, 718-727.	12.4	152
5	Propham mineralization in aqueous medium by anodic oxidation using boron-doped diamond anode: Influence of experimental parameters on degradation kinetics and mineralization efficiency. <i>Water Research</i> , 2008, 42, 2889-2898.	11.3	138
6	A comparative study on the efficiency of electro-Fenton process in the removal of propham from water. <i>Applied Catalysis B: Environmental</i> , 2009, 89, 620-626.	20.2	120
7	Evaluation of mineralization kinetics and pathway of norfloxacin removal from water by electro-Fenton treatment. <i>Chemical Engineering Journal</i> , 2016, 304, 518-526.	12.7	94
8	Molecularly imprinted ligand-exchange recognition assay of glucose by quartz crystal microbalance. <i>Biosensors and Bioelectronics</i> , 2005, 20, 2197-2202.	10.1	92
9	Preparation of selective and sensitive electrochemically treated pencil graphite electrodes for the determination of uric acid in urine and blood serum. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2497-2502.	10.1	88
10	A novel approach for the selective determination of tryptophan in blood serum in the presence of tyrosine based on the electrochemical reduction of oxidation product of tryptophan formed in situ on graphite electrode. <i>Biosensors and Bioelectronics</i> , 2012, 31, 26-31.	10.1	85
11	Preparation of Fe <sub>2</sub> O <sub>3</sub> modified kaolin and application in heterogeneous electro-catalytic oxidation of enoxacin. <i>Applied Catalysis B: Environmental</i> , 2017, 200, 361-371.	20.2	79
12	Synthesizing of a nanocomposite based on the formation of silver nanoparticles on fumed silica to develop an electrochemical sensor for carbendazim detection. <i>Talanta</i> , 2021, 222, 121591.	5.5	74
13	A novel approach for the determination of paracetamol based on the reduction of N-acetyl-p-benzoquinoneimine formed on the electrochemically treated pencil graphite electrode. <i>Analytica Chimica Acta</i> , 2011, 685, 9-14.	5.4	67
14	Electro-Fenton degradation of anti-inflammatory drug ibuprofen in hydroorganic medium. <i>Journal of Electroanalytical Chemistry</i> , 2013, 702, 31-36.	3.8	66
15	Removal of propham from water by using electro-Fenton technology: Kinetics and mechanism. <i>Chemosphere</i> , 2008, 73, 737-744.	8.2	58
16	Kinetic behavior of anti-inflammatory drug ibuprofen in aqueous medium during its degradation by electrochemical advanced oxidation. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2381-2389.	5.3	56
17	Poly(pyrrole-3-carboxylic acid)-modified pencil graphite electrode for the determination of serotonin in biological samples by adsorptive stripping voltammetry. <i>Sensors and Actuators B: Chemical</i> , 2015, 215, 518-524.	7.8	55
18	Preparation of poly(3,4-ethylenedioxythiophene) nanofibers modified pencil graphite electrode and investigation of over-oxidation conditions for the selective and sensitive determination of uric acid in body fluids. <i>Analytica Chimica Acta</i> , 2015, 891, 312-320.	5.4	50

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19	Selective and Sensitive Voltammetric Determination of Dopamine in Blood by Electrochemically Treated Pencil Graphite Electrodes. <i>Electroanalysis</i> , 2009, 21, 2363-2370.	2.9	49
20	Development of a disposable and low-cost electrochemical sensor for dopamine detection based on poly(pyrrole-3-carboxylic acid)-modified electrochemically over-oxidized pencil graphite electrode. <i>Talanta</i> , 2017, 165, 489-495.	5.5	48
21	Complete removal of the insecticide azinphos-methyl from water by the electro-Fenton method – A kinetic and mechanistic study. <i>Water Research</i> , 2013, 47, 1470-1479.	11.3	46
22	Electrochemical Oxidation of dsDNA on Polypyrrole Nanofiber Modified Pencil Graphite Electrode. <i>Electroanalysis</i> , 2007, 19, 2208-2216.	2.9	41
23	Investigation of applicability of Electro-Fenton method for the mineralization of naphthol blue black in water. <i>Chemosphere</i> , 2018, 202, 618-625.	8.2	35
24	Voltammetric determination of 17- $\beta$ -estradiol by cysteamine self-assembled gold nanoparticle modified fumed silica decorated graphene nanoribbon nanocomposite. <i>Sensors and Actuators B: Chemical</i> , 2017, 250, 85-90.	7.8	34
25	Preparation of a double-step modified carbon paste electrode for the voltammetric determination of prothionam via bulk modification with fumed silica and drop-casting of maghemite-modified fumed silica nanocomposite. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1517-1524.	7.8	34
26	Preparation of a disposable and low-cost electrochemical sensor for prothionam detection based on over-oxidized poly(thiophene) modified pencil graphite electrode. <i>Talanta</i> , 2018, 187, 125-132.	5.5	34
27	Electro-Fenton treatment of aqueous Clopyralid solutions. <i>International Journal of Environmental Analytical Chemistry</i> , 2010, 90, 478-486.	3.3	33
28	Synergistic Effect of Lithium Perchlorate and Sodium Hydroxide in the Preparation of Electrochemically Treated Pencil Graphite Electrodes for Selective and Sensitive Bisphenol A Detection in Water Samples. <i>Electroanalysis</i> , 2014, 26, 1631-1639.	2.9	32
29	Fenitrothion sensing with reduced graphene oxide decorated fumed silica nanocomposite modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 179-185.	7.8	31
30	Investigation of acid red 88 oxidation in water by means of electro-Fenton method for water purification. <i>Chemosphere</i> , 2016, 146, 245-252.	8.2	27
31	Development of a modified electrode by using a nanocomposite containing acid-activated multi-walled carbon nanotube and fumed silica for the voltammetric determination of clopyralid. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 262-267.	7.8	17
32	A detailed investigation on electro-Fenton treatment of propachlor: Mineralization kinetic and degradation intermediates. <i>Chemosphere</i> , 2015, 136, 167-173.	8.2	16
33	The substituent effects on the structure and surface morphology of polyaniline. <i>Journal of Applied Polymer Science</i> , 2010, 115, 3024-3030.	2.6	7
34	Investigation of fumed silica as a platinum support for methanol oxidation reaction. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 21881-21891.	7.1	7
35	Thermomechanical and structural characterization of polybutadiene/poly(ethylene oxide)/CNT stretchable electrospun fibrous membranes. <i>Polymers for Advanced Technologies</i> , 2021, 32, 248-261.	3.2	6
36	Preparation of anode catalysts for sorbitol electrooxidation based on the nanocomposites of fumed silica, reduced graphene oxide and gold nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 28121-28133.	7.1	6

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37	Preparation of Activated Disposable Pencil Graphite Electrode for the Selective and Sensitive Determination of a Fluoroquinolone Antibiotic: Levofloxacin. <i>Current Pharmaceutical Analysis</i> , 2018, 14, 247-254.	0.6	5
38	Development of a simple and efficient method to prepare a platinum-loaded carbon electrode for methanol electrooxidation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 17858-17868.	7.1	4
39	Synthesis of a nanocomposite based on the modification of graphene oxide with cysteamine-capped gold nanoparticles and investigation of its use as anode catalyst in ethylene glycol fuel cells. <i>Fuel</i> , 2022, 325, 124959.	6.4	3
40	VOLTAMMETRIC DETERMINATION OF ESTRADIOL IN MILK AND PHARMACEUTICALS BASED ON FUMED-SILICA MODIFIED CARBON PASTE ELECTRODE. <i>Anadolu University Journal of Sciences &amp; Technology</i> , 0, , .	0.2	0