**دکتر علی اسرافیلی دیزجی**

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| عنوان مقاله | سال انتشار | ردیف |
| Simultaneous derivatization and extraction of nitrophenols in soil and rain samples using modified hollow-fiber liquid-phase microextraction followed by gas chromatography-mass spectrometry | 2013 | 1 |
| Application of supramolecular solvent-based dispersive liquid-liquid microextraction for trace monitoring of lead in food samples | 2016 | 2 |
| Solidified floating organic drop microextraction for pre-concentration and trace monitoring of cadmium ions in environmental food and water samples | 2017 | 3 |
| Application of modified hollow fiber liquid phase microextraction in conjunction with chromatography-electron capture detection for quantification of acrylamide in waste water samples at ultra-trace levels | 2017 | 4 |
| A nanomagnetic and 3-mercaptopropyl-functionalized silica powder for dispersive solid phase extraction of Hg(II) prior to its determination by continuous-flow cold vapor AAS | 2017 | 5 |
| Application of dispersive solid phase extraction based on a surfactant-coated titanium-based nanomagnetic sorbent for preconcentration of bisphenol A in water samples | 2017 | 6 |
| Contaminants of emerging concern: a review of new approach in AOP technologies | 2017 | 7 |
| Application of modified magnetic nanoparticles with amine groups as an efficient solid sorbent for simultaneous removal of 2,4-Dichlorophenoxyacetic acid and 2-methyl-4-chlorophenoxyacetic acid from aqueous solution: optimization and modeling | 2018 | 8 |
| Dispersive solid-phase extraction of selected nitrophenols from environmental water samples using a zirconium-based amino-tagged metal-organic framework nanosorbent | 2018 | 9 |
| Trace quantification of selected sulfonamides in aqueous media by implementation of a new dispersive solid-phase extraction method using a nanomagnetic titanium dioxide graphene-based sorbent and HPLC-UV | 2018 | 10 |
| Two-phase hollow fiber liquid-phase microextraction | 2018 | 11 |
| Degradation of four antibiotics from aqueous solution by ozonation: Intermediates identification and reaction pathways | 2019 | 12 |
| Application of a novel bi-functional nanoadsorbent for the simultaneous removal of inorganic and organic compounds: Equilibrium, kinetic and thermodynamic studies | 2019 | 13 |
| Extraction of carbonyl derivatives from ozonated wastewater samples using hollow fiber liquid phase microextraction followed by gas chromatography-electron capture detection | 2019 | 14 |
| Photocatalytic Degradation of Metronidazole Using D-g-C3N4-Bi5O7I Composites Under Visible Light Irradiation: Degradation Product, and Mechanisms | 2019 | 15 |
| Photocatalytic degradation of cefixime with MIL-125(Ti)-mixed linker decorated by g-C3N4 under solar driven light irradiation | 2019 | 16 |
| A new nano-photocatalyst based on Pt and Bi co-doped TiO2 for efficient visible-light photo degradation of amoxicillin | 2019 | 17 |
| Application of amino modified mesostructured cellular foam as an efficient mesoporous sorbent for dispersive solid-phase extraction of atrazine from environmental water samples | 2019 | 18 |
| Trace measurement of lead and cadmium ions in wastewater samples using a novel dithizone immobilized metal-organic framework-based μ-dispersive solid-phase extraction | 2020 | 19 |
| Application of MIL-53(Fe)/urchin-like g-C3N4 nanocomposite for efficient degradation of cefixime | 2020 | 20 |
| Synthesis and evaluation of the performance of g-C3N4/Fe3O4/Ag photocatalyst for the efficient removal of diazinon: Kinetic studies | 2020 | 21 |
| Efficient visible light-induced photocatalytic removal of paraquat using N-doped TiO2@SiO2@Fe3O4 nanocomposite | 2020 | 22 |
| Littered cigarette butt as a well-known hazardous waste: A comprehensive systematic review | 2020 | 23 |
| Application of a new N,S-containing silica-coated nanomagnetic sorbent for the trace quantification of Hg(II) ions in aquatic samples: evaluation of adsorption mechanism | 2021 | 24 |
| A new dendrimer-functionalized magnetic nanosorbent for the efficient adsorption and subsequent trace measurement of Hg (II) ions in wastewater samples | 2021 | 25 |
| Comparison of LSSVM and RSM in simulating the removal of ciprofloxacin from aqueous solutions using magnetization of functionalized multi-walled carbon nanotubes: Process optimization using GA and RSM techniques | 2021 | 26 |
| Photoelectrocatalytic degradation of sulphonamide antibiotics in aquatic media using a novel Co-doped ZnO nanocomposite: evaluation of performance, kinetic studies | 2022 | 27 |
| Efficient photocatalytic degradation of metronidazole from aqueous solutions using Co/g-C3N4/Fe3O4 nanocomposite under visible light irradiation | 2022 | 28 |
| Removal of tetracycline antibiotics by adsorption and photocatalytic-degradation processes in aqueous solutions using metal organic frameworks (MOFs): A systematic review | 2022 | 29 |
| Application of a magnetic solid-phase extraction method using a novel magnetic metal organic framework nanocomposite for extraction of malathion and diazinon pesticides from environmental water samples | 2022 | 30 |
| A comprehensive systematic review and meta-analysis on the extraction of pesticide by various solid phase-based separation methods: a case study of malathion | 2023 | 31 |
| [The effect of biological treatment methods on the concentration of carbonaceous pollutants in the slaughterhouse wastewater: A systematic review](javascript:%20void(0)) | 2023 | 32 |
| Utilization of the copper recovered from waste printed circuit boards as a metal precursor for the synthesis of TiO2/magnetic-MOF(Cu) nanocomposite: Application in photocatalytic degradation of pesticides in aquatic solutions | 2023 | 33 |
| Sustainable management of alkaline battery waste in developing countries by waste reduction and metal recovery development: A cost-benefit study based on waste flow analysis to select the optimum scenario | 2023 | 34 |
| Photodegradation and mineralization of ciprofloxacin by consecutive application UV/iodide process and biological treatment | 2023 | 35 |
| A comprehensive systematic review and meta-analysis on the extraction of pesticide by various solid phase-based separation methods: a case study of malathion | 2023 | 36 |

**دکتر احمد جنیدی جعفری**

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| عنوان مقاله | سال انتشار | ردیف |
| Simultaneous removal of copper and degradation 2,4-dichloro phenoxy acetic acid (2,4-D) in industrial wast water by a combined photolytic and electrochemical system | 2004 | 1 |
| Simultaneous photo-oxidative degradation of EDTA and extro-oxidative recovery of copper from industrial effluents | 2004 | 2 |
| Respiratory effects from work-related exposure to welding fumes in Hamadan, Iran | 2004 | 3 |
| Biosorption of mercury (II) from aqueous solutions by Zygnema fanicum algae | 2008 | 4 |
| Determination of HCl and VOC emission from thermal degradation of PVC in the absence and presence of copper, copper(II) oxide and copper(II) chloride | 2009 | 5 |
| Endocrine disrupting contaminants in water resources and sewage in Hamadan city OF Iran | 2009 | 6 |
| The assessment of establishment and maintenance of the health management system in schools and grading for awarding stars (H.S.E-ms) | 2010 | 7 |
| Benzene-toluene-xylene (BTX) removal from polluted airflow by combined filter of zero valence iron and copper oxide nanoparticles on Iranian amended clinoptilolite bed | 2012 | 8 |
| Study of the aniline removal from industrial wastewater by electrochemical process | 2013 | 9 |
| Effect of zero- Valent iron nanoparticles on VOCs removal from air with a modified zeolite bed | 2013 | 10 |
| The study of Fenton oxidation process efficiency in the simultaneous removal of phenol, cyanide, and chromium (VI) from synthetic wastewater | 2013 | 11 |
| Sulfonamide antibiotic reduction in aquatic environment by application of fenton oxidation process | 2013 | 12 |
| Synthesis and properties of Fe3O4-activated carbon magnetic nanoparticles for removal of aniline from aqueous solution: Equilibrium, kinetic and thermodynamic studies | 2013 | 13 |
| Biodegradation of 2,4-dinitrophenol with laccase immobilized on nano-porous silica beads | 2013 | 14 |
| Synthesis and properties of Fe3O4-activated carbon magnetic nanoparticles for removal of aniline from aqueous solution: Equilibrium, kinetic and thermodynamic studies | 2013 | 15 |
| Application of an adsorptive-thermocatalytic process for BTX removal from polluted air flow | 2014 | 16 |
| Biomarkers of occupational manganese toxicity | 2015 | 17 |
| BTXs removal with transition metals coated beds, considering the plausible reaction mechanisms | 2015 | 18 |
| Health outcomes attributed to PM10 due to dust storms in Ilam city, in Iran from 2012 to 2013 | 2015 | 19 |
| Pb(II) Adsorption Onto a Magnetic Composite of Activated Carbon and Superparamagnetic Fe3O4 Nanoparticles: Experimental and Modeling Study | 2015 | 20 |
| Industry solid waste management assessment of 10 large food industries in Tehran 2014 | 2016 | 21 |
| Survey on efficiency of BF/AS integrated biological system in phenol removal of wastewate | 2017 | 22 |
| Preparation of Carbon-Alumina (C/Al2O3) aerogel nanocomposite for benzene adsorption from flow gas in fixed bed reactor | 2019 | 23 |
| Morbidity and mortality from technological disasters in Iran: A narrative review | 2019 | 24 |
| Synthesis of thin-film composite forward osmosis membranes for removing organic micro-pollutants from aqueous solutions | 2019 | 25 |
| The use of uncertain scenarios in disaster risk reduction: a systematic review | 2019 | 26 |
| On the nature and health impacts of BTEX in a populated middle eastern city: Tehran, Iran | 2019 | 27 |
| Exposure to nanoscale diesel exhaust particles: Oxidative stress, neuroinflammation, anxiety and depression on adult male mice | 2019 | 28 |
| Use of NH4Cl for activation of carbon xerogel to prepare a novel efficacious adsorbent for benzene removal from contaminated air streams in a fixed-bed column | 2020 | 29 |
| A novel synthetic thin-film nanocomposite forward osmosis membrane modified by graphene oxide and polyethylene glycol for heavy metals removal from aqueous solutions | 2020 | 30 |
| Trihalomethanes in exhaled air, indoor air and water: A parallel design trial in chlorine and ozone-chlorine disinfected swimming pools | 2021 | 31 |
| Preparation of a thin-film nanocomposite forward osmosis membrane for the removal of organic micro-pollutants from aqueous solutions | 2021 | 32 |
| Learning and memory disorders related to hippocampal inflammation following exposure to air pollution | 2021 | 33 |

**دکتر روشنک رضائی کلانتری**

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| عنوان مقاله | سال انتشار | ردیف |
| The effect of organic loading on propylene glycol removal using fixed bed activated sludge hybrid reactor | 2010 | 1 |
| Influence of bioaugmentation in biodegradation of PAHs-contaminated soil in bio-slurry phase reactor | 2010 | 2 |
| Evaluation of Fenton oxidation process coupled with biological treatment for the removal of reactive black 5 from aqueous solution | 2013 | 3 |
| Modification of PAHs Biodegradation with Humic Compounds | 2013 | 4 |
| Influence of bioaugmentation on biodegradation of phenanthrene-contaminated soil by earthworm in lab scale | 2014 | 5 |
| Effect of bioaugmentation to enhance phytoremediation for removal of phenanthrene and pyrene from soil with Sorghum and Onobrychis sativa | 2014 | 6 |
| Magnetic Fe3O4@C nanoparticles as adsorbents for removal of amoxicillin from aqueous solution | 2014 | 7 |
| Photocatalytic degradation and mineralization of diazinon in aqueous solution using nano-TiO2(Degussa, P25): kinetic and statistical analysis | 2015 | 8 |
| Development of a novel magnetite-chitosan composite for the removal of fluoride from drinking water: adsorption modeling and optimization | 2015 | 9 |
| Biosurfactant production and its effects on solubilization activity of phenanthrene: A longitudinal study | 2016 | 10 |
| Phenanthrene removal from liquid medium with emphasis on production of biosurfactant | 2016 | 11 |
| Hexavalent chromium adsorption from aqueous solutions using nanoporous graphene/Fe3O4 (NPG/Fe3O4: modeling and optimization) | 2016 | 12 |
| Simultaneous adsorption of lead and aniline onto magnetically recoverable carbon: optimization, modeling and mechanism | 2016 | 13 |
| Silica-coated magnetite nanoparticles core-shell spheres (Fe3O4@SiO2) for natural organic matter removal | 2016 | 14 |
| Synthesis and characterization of magnetic nano-porous graphene functionalized with carboxyl for hexavalent chromium adsorption in aqueous solution | 2017 | 15 |
| Nitrobenzene degradation from aqueous solutions using zerovalent iron nanoparticles / polyaniline composite | 2017 | 16 |
| Removing phenanthrene by polyethersulfone/graphene oxide-titanum dioxide membrane | 2017 | 17 |
| A comparative study of nitrate removal from aqueous solutions using zeolite, nZVI-zeolite, nZVI and iron powder adsorbents | 2017 | 18 |
| A systematic review on the efficiency of cerium-impregnated activated carbons for the removal of gas-phase, elemental mercury from flue gas | 2017 | 19 |
| Visible light photocatalytic inactivation of Escherichia coli by natural pyrite assisted by oxalate at neutral pH | 2017 | 20 |
| Study of the performances of low-cost adsorbents extracted from rosa damascena in aqueous solutions decolorization | 2017 | 21 |
| Efficiency of Polymeric Membrane Graphene Oxide-TiO2 for Removal of Azo Dye | 2017 | 22 |
| Optimization of dimethyl phthalate degradation parameters using zero-valent iron nanoparticles by response surface methodology: Determination of degradation intermediate products and process pathway | 2018 | 23 |
| Performance of graphene-based CoFe2o4 in activation of peroxymonosulfate and amoxicillin removal from aqueous solutions | 2018 | 24 |
| Reductive degradation of high concentration nitrobenzene using nanoscale zero-valent iron particles immobilized on polyaniline | 2018 | 25 |
| The inactivation of fecal coliform using fe3o4@cu nanocomposite in real wastewater: Emphasizing on synergic effect and inactivation mechanisms | 2018 | 26 |
| Optimization of Influencing Parameters on Phenanthrene Removal Efficiency in Soil Washing Process by Using Response Surface Methodology | 2018 | 27 |
| Study of tetracycline and metronidazole adsorption on biochar prepared from rice bran kinetics, isotherms and mechanisms | 2019 | 28 |
| Enhanced electro kinetic- pseudo-Fenton degradation of pyrene-contaminated soil using Fe3O4 magnetic nanoparticles: A data set | 2019 | 29 |
| Desorption kinetics and isotherms of phenanthrene from contaminated soil | 2019 | 30 |
| Visible-light-driven photocatalytic degradation of Metalaxyl by reduced graphene oxide/Fe 3 O 4 /ZnO ternary nanohybrid: Influential factors, mechanism and toxicity bioassay | 2019 | 31 |
| Enhanced sono-photocatalysis of tetracycline antibiotic using TiO2 decorated on magnetic activated carbon (MAC@T) coupled with US and UV: A new hybrid system | 2019 | 32 |
| Heterogeneous photocatalytic degradation of metronidazole from aqueous solutions using Fe3O4/TiO2 supported on biochar | 2020 | 33 |
| Sono-photocatalytic degradation of tetracycline and pharmaceutical wastewater using WO3/CNT heterojunction nanocomposite under US and visible light irradiations: A novel hybrid system | 2020 | 34 |
| Correction to: Environmental impact assessment of a steel industry development plan using combined method involving Leopold matrix and RIAM (Journal of Environmental Health Science and Engineering, (2021), 19, 2, (1997-2011), 10.1007/s40201-021-00752-4) | 2021 | 35 |
| Environmental impact assessment of a steel industry development plan using combined method involving Leopold matrix and RIAM | 2021 | 36 |
| TiO2-decorated magnetic biochar mediated heterogeneous photocatalytic degradation of tetracycline and evaluation of antibacterial activity | 2021 | 37 |
| Carwash wastewater treatment using the chemical processes | 2021 | 38 |
| Remediation of phenanthrene & cadmium co-contaminated soil by using a combined process including soil washing and electrocoagulation | 2021 | 39 |
| Application of ultrasound irradiation in landfill leachate treatment | 2021 | 40 |
| Activation of peroxymonosulfate into amoxicillin degradation using cobalt ferrite nanoparticles anchored on graphene (CoFe2O4@Gr) | 2021 | 41 |
| Enhanced photocatalytic activity of Fe2O3@ZnO decorated CQD for inactivation of Escherichia coli under visible light irradiation | 2022 | 42 |
| US-assisted catalytic degradation of paraquat using ZnO/Fe3O4 recoverable composite: Performance, toxicity bioassay test and degradation mechanism | 2022 | 43 |
| Bio-electrical stimulation process on degradation of Phenanthrene from aqueous solution using a novel anode modified with carbon cloth: Operational performance, microbial activity and energy | 2022 | 44 |
| Visible-light-driven photocatalytic inactivation of Escherichia coli by titanium dioxide anchored on natural pyrite | 2022 | 45 |
| Intensified photodegradation of nitrobenzene using ZnO-anchored spinel cobalt ferrite: Environmental application, mechanism, and degradation pathway | 2022 | 46 |
| Anchoring ZnO on spinel cobalt ferrite for highly synergic sono-photo-catalytic, surfactant-assisted PAH degradation from soil washing solutions | 2023 | 47 |
| TiO2-decorated magnetic biochar mediated heterogeneous photocatalytic degradation of tetracycline and evaluation of antibacterial activity | 2023 | 48 |

**دکتر میترا غلامی**

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| عنوان مقاله | سال انتشار | ردیف |
| Textile dye removal by membrane technology and biological oxidation | 2003 | 1 |
| Modification of polyether sulfone (PES) hollow fiber membranes characteristics for more efficient water treatment process | 2004 | 2 |
| Application of reverse osmosis technology for arsenic removal from drinking water | 2006 | 3 |
| Application and optimization in chromium-contaminated wastewater treatment of the reverse osmosis technology | 2008 | 4 |
| Application and optimization in chromium-contaminated wastewater treatment of the reverse osmosis technology | 2009 | 5 |
| Performance evaluation of hybrid septic tank and aerated lagoon process efficiency for landfill leachate treatment | 2011 | 6 |
| Performance of ultrasonic process on removal of fecal indicator bacteria of escherichia coli and enterococcus faecalis from drinking water | 2012 | 7 |
| Comparative study of SMBR and extended aeration activated sludge processes in the treatment of high-strength wastewaters | 2012 | 8 |
| Effectiveness of photochemical and sonochemical processes in degradation of basic violet 16 (BV16) dye from aqueous solutions | 2012 | 9 |
| Survey of quantity and quality content of hazardous wastes and its management in Damghan industries in 2010 | 2013 | 10 |
| Determination of quality and quantity of textile industry wastewater in Tehran 21st district and comparison of their effluent with environmental protection organization standards in 1389 | 2013 | 11 |
| Nano photocatalytic process application of zno nanoparticle and UV on benzene removal from synthetic air | 2013 | 12 |
| Kinetic and isotherm studies of adsorption and biosorption processes in the removal of phenolic compounds from aqueous solutions: Comparative study | 2013 | 13 |
| Tinidazol antibiotic degradation in aqueous solution by zero valent iron nanoparticles and hydrogen peroxide in the presence of ultrasound radiation | 2014 | 14 |
| Application of electrochemical reactor divided by cellulosic membrane for optimized simultaneous removal of phenols, chromium, and ammonia from tannery effluents | 2014 | 15 |
| Performance evaluation of enhanced SBR in simultaneous removal of nitrogen and phosphorous | 2014 | 16 |
| Tinidazole removal from aqueous solution by sonolysis in the presence of hydrogen peroxide | 2014 | 17 |
| Performance evaluation of magnetized multiwall carbon nanotubes by iron oxide nanoparticles in removing fluoride from aqueous solution | 2015 | 18 |
| Evaluation of basic violet 16 adsorption from aqueous solution by magnetic zero valent iron-activated carbon nanocomposite using response surface method: Isotherm and kinetic studies | 2015 | 19 |
| Rapid and efficient magnetically removal of heavy metals by magnetite-activated carbon composite: a statistical design approach | 2015 | 20 |
| Study of moving bed biofilm reactor in diethyl phthalate and diallyl phthalate removal from synthetic wastewater | 2015 | 21 |
| Removal of diethyl phthalate from aqueous solution using persulfate-based (UV / Na2S2O8 / Fe2+) advanced oxidation process | 2016 | 22 |
| Bisphenol A removal from aqueous solutions using novel UV/persulfate/H2O2/Cu system: Optimization and modelling with central composite design and response surface methodology | 2016 | 23 |
| One-Pot synthesis, characterization and adsorption studies of amine-functionalized magnetite nanoparticles for removal of Cr (VI) and Ni (II) ions from aqueous solution: Kinetic, isotherm and thermodynamic studies | 2016 | 24 |
| Performance evaluation of wastewater treatment plant system (MBR) of Semnan Industry Park in industrial effluent recovery | 2017 | 25 |
| Application of dispersive liquid-liquid microextraction as a simple assisted clean-up and preconcentration technique for GC/MS determination of selected PAHs extracted from sewage sludge by Soxhlet and ultrasound assisted extraction method | 2017 | 26 |
| Enhancement of photocatalytic activity of Cu-doped ZnO nanorods for the degradation of an insecticide: Kinetics and reaction pathways | 2017 | 27 |
| Evaluation of diallyl phthalate biodegradation mechanisms in the treatment of synthetic wastewater | 2018 | 28 |
| Qualitative and health-related evaluation of point-of-use water treatment equipment performance in three cities of Iran | 2018 | 29 |
| Optimization of advanced oxidation process based on persulfate (Uv/Na2s2o8/Fe2+) for phthalic acid removal from aqueous solutions with response surface methodology | 2018 | 30 |
| Investigation of chlorpyriphos removal using chitosan graphene oxide composite form aquatic solution: Study of kinetics, isotherms and thermodynamics | 2019 | 31 |
| Synthesis and evaluation of the antibacterial effect of silica-coated modified magnetic poly-(amidoamine) G5 nanoparticles on E. coli and S. aureus | 2019 | 32 |
| The effect of climate change on cholera disease: The road ahead using artificial neural network | 2019 | 33 |
| Degradation of dimethyl phthalate using persulfate activated by UV and ferrous ions: Optimizing operational parameters mechanism and pathway | 2019 | 34 |
| How climate change can affect cholera incidence and prevalence? A systematic review | 2020 | 35 |
| Monitoring BTEX compounds and asbestos fibers in the ambient air of Tehran, Iran: Seasonal variations, spatial distribution, potential sources, and risk assessment | 2020 | 36 |
| Catalytic potential of CuFe2O4/GO for activation of peroxymonosulfate in metronidazole degradation: study of mechanisms | 2020 | 37 |
| Performance evaluation of a novel rGO-Fe0/Fe3O4-PEI nanocomposite for lead and cadmium removal from aqueous solutions | 2020 | 38 |
| Degradation of ciprofloxacin antibiotic using photo-electrocatalyst process of Ni-doped ZnO deposited by RF sputtering on FTO as an anode electrode from aquatic environments: Synthesis, kinetics, and ecotoxicity study | 2020 | 39 |
| The effects of meteorological parameters on PM10: Health impacts assessment using AirQ+ model and prediction by an artificial neural network (ANN) | 2021 | 40 |
| Photo-catalytic degradation of sulfamethoxazole from aqueous solutions using Cu-TiO2/ CQDs hybrid composite, optimisation, performance and reaction mechanism studies | 2021 | 41 |
| A systematic review on membrane technology for carwash wastewater treatment: Efficiency and limitations | 2021 | 42 |
| Concentration, sources, and inhalation-based risk assessment of PM2.5-bound PAHs and trace elements in ambient air of areas with low and high traffic density in Tehran | 2021 | 43 |
| The superior adsorption capacity of 2,4-Dinitrophenol under ultrasound-assisted magnetic adsorption system: Modeling and process optimization by central composite design | 2021 | 44 |
| Synthesis of new hybrid composite based on TiO2 for photo-catalytic degradation of sulfamethoxazole and pharmaceutical wastewater, optimization, performance, and reaction mechanism studies | 2022 | 45 |
| The superior decomposition of 2,4-Dinitrophenol under ultrasound-assisted Fe3O4@TiO2 magnetic nanocomposite: Process modeling and optimization, Effect of various oxidants and Degradation pathway studies | 2022 | 46 |
| Application of Ni-doped ZnO deposited by RF magnetron sputtering technique on FTO as a photoanod in Photo-Electrocatalysis process of Ofloxacin degradation: synthesis, kinetics, and ecotoxicity study | 2022 | 47 |
| Degradation of ciprofloxacin by CuFe2O4/GO activated PMS process in aqueous solution: performance, mechanism and degradation pathway | 2022 | 48 |
| Photocatalytic processes associated with degradation of pesticides in aqueous solutions: Systematic review and meta-analysis | 2022 | 49 |
| Monitoring BTEX compounds and asbestos fibers in the ambient air of Tehran, Iran: Seasonal variations, spatial distribution, potential sources, and risk assessment | 2022 | 50 |
| Synthesis of new hybrid composite based on TiO2 for photo-catalytic degradation of sulfamethoxazole and pharmaceutical wastewater, optimization, performance, and reaction mechanism studies | 2022 | 51 |
| Application of a magnetic solid-phase extraction method using a novel magnetic metal organic framework nanocomposite for extraction of malathion and diazinon pesticides from environmental water samples | 2022 | 52 |
| Simulation of the potential impact of climate change on malaria incidence using artificial neural networks (ANNs) | 2023 | 53 |
| A comprehensive systematic review and meta-analysis on the extraction of pesticide by various solid phase-based separation methods: a case study of malathion | 2023 | 54 |
| The quantitation of the impact of Covid-19 pandemic on water demand through GEE modeling, a case study in Iran | 2023 | 55 |
| Sustainable management of alkaline battery waste in developing countries by waste reduction and metal recovery development: A cost-benefit study based on waste flow analysis to select the optimum scenario | 2023 | 56 |
| Synthesis of new photocatalyst based on g-C3N4/N,P CQD/ZIF-67 nanocomposite for ciprofloxacin degradation under visible light irradiation | 2023 | 57 |
| Synthesis and characterization of rGO/Fe0/Fe3O4/TiO2 nanocomposite and application of photocatalytic process in the decomposition of penicillin G from aqueous | 2023 | 58 |
| Microplastics removal technologies from aqueous environments: a systematic review | 2023 | 59 |

**دکتر مهدی فرزادکیا**

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| عنوان مقاله | سال انتشار | ردیف |
| Efficiency of AB process for slaughterhouse wastewater treatment in Hamadan (Iran) | 2005 | 1 |
| Hospital waste management status in Iran: A case study in the teaching hospitals of Iran University of Medical Sciences | 2009 | 2 |
| Optimization of bacteriological quality of biosolids by lime addition | 2009 | 3 |
| Quantitative and qualitative investigation of industrial solid waste in industrial plants located between Tehran and Karaj | 2011 | 4 |
| Qualitative assessment of compost products of Tehran and Khomein facilities, Iran | 2011 | 5 |
| Sludge reduction by lumbriculus variegatus in Ahvas wastewater treatment plant | 2012 | 6 |
| Environmental ranking of industries located at west of Tehran based on the quantitative and qualitative characteristics of industrial wastewaters in 2011 | 2013 | 7 |
| Magnetic heterogeneous catalytic ozonation: A new removal method for phenol in industrial wastewater | 2014 | 8 |
| Degradation of metronidazole in aqueous solution by nano-ZnO/UV photocatalytic process | 2014 | 9 |
| Optimizing photo-Fenton like process for the removal of Diesel fuel from the aqueous phase | 2014 | 10 |
| Study of the volatile organic compounds (VOCs) in the exhaust air from low heat sterilizer devices of four hospitals in Tehran | 2014 | 11 |
| Elimination and detoxification of sulfathiazole and sulfamethoxazole assisted by laccase immobilized on porous silica beads | 2015 | 12 |
| Photocatalytic reduction of hexavalent chromium with illuminated ZnO/TiO2 composite | 2015 | 13 |
| Rapid removal of phenol from aqueous solutions by AC\_Fe3O4 nano-composite: Kinetics and equilibrium studies | 2015 | 14 |
| Simultaneous removal of chemical oxygen demand (COD) and ammonium from landfill leachate using anaerobic digesters | 2015 | 15 |
| Economic aspects of dry solid waste recycling in Shiraz, Iran | 2016 | 16 |
| Iran's rural solid waste: Generation and composition | 2016 | 17 |
| Nitrite and nitrate concentrations in the drinking groundwater of shiraz city, south-central Iran by statistical models | 2017 | 18 |
| Hospital waste minimisation, separation, treatment and disposal in Iran: A mini review study | 2017 | 19 |
| Removal of paraquat from aqueous solution using fenton and fenton-like processes | 2017 | 20 |
| The efficiency of compost and vermicompost reactors for stabilizing organic waste and municipal sewage sludge | 2017 | 21 |
| Modification of activated carbon with magnetic Fe3O4 nanoparticle composite for removal of ceftriaxone from aquatic solutions | 2018 | 22 |
| A Review of the Use of Earthworms and Aquatic Worms for Reducing Sludge Produced: An Innovative Ecotechnology | 2018 | 23 |
| Bioremediation of soils contaminated with diesel using biostimulation method in the bioreactors of vermicompost and activated sludge | 2018 | 24 |
| Dynamic assessment of economic and environmental performance index and generation, composition, environmental and human health risks of hospital solid waste in developing countries; A state of the art of review | 2019 | 25 |
| The comparison of ZnO/polyaniline nanocomposite under UV and visible radiations for decomposition of metronidazole: Degradation rate, mechanism and mineralization | 2019 | 26 |
| A systematic review on cigarette butt management as a hazardous waste and prevalent litter: control and recycling | 2019 | 27 |
| Assessment of airborne enteric viruses emitted from wastewater treatment plant: Atmospheric dispersion model, quantitative microbial risk assessment, disease burden | 2019 | 28 |
| O3, O3/UV and O3/UV/ZnO for abatement of parabens in aqueous solutions: Effect of operational parameters and mineralization/biodegradability improvement | 2019 | 29 |
| Management of landfill leachate in Iran: valorization, characteristics, and environmental approaches | 2019 | 30 |
| Synthesis of TiO2/polyaniline photocatalytic nanocomposite and its effects on degradation of metronidazole in aqueous solutions under UV and visible light radiation | 2019 | 31 |
| Study of improvement of bioremediation performance for the degradation of petroleum hydrocarbons in oily sludge by a chemical pretreatment strategy | 2019 | 32 |
| Design and preparation of core-shell structured magnetic graphene oxide@MIL-101(Fe): Photocatalysis under shell to remove diazinon and atrazine pesticides | 2020 | 33 |
| Bioremediation of diesel and gasoline-contaminated soil by co-vermicomposting amended with activated sludge: Diesel and gasoline degradation and kinetics | 2020 | 34 |
| Improvement of Co-Composting by a combined pretreatment Ozonation/Ultrasonic process in stabilization of raw activated sludge | 2020 | 35 |
| Medical waste management in Iran and comparison with neighbouring countries | 2020 | 36 |
| Study of littered wastes in different urban land-uses: An 6 environmental status assessment | 2020 | 37 |
| Application of a photocatalytic ozonation process using TiO2 magnetic nanoparticles for the removal of Ceftazide from aqueous solutions: Evaluation of performance, comparative study and mechanism | 2020 | 38 |
| On-site carwash wastewater treatment and reuse: a systematic review | 2020 | 39 |
| A combined ultrasonic and chemical conditioning process for upgrading the sludge dewaterability | 2020 | 40 |
| Effect of micro-aerobic process on improvement of anaerobic digestion sewage sludge treatment: Flow cytometry and ATP assessment | 2020 | 41 |
| Comparing the efficiency of unmodified dried sludge adsorbents and those modified via chemical and microwave methods in removing 2,4-dinitrophenol from aqueous solutions | 2020 | 42 |
| Perspectives on microbial community in anaerobic digestion with emphasis on environmental parameters: A systematic review | 2021 | 43 |
| Municipal solid waste management during COVID-19 pandemic: a comparison between the current activities and guidelines | 2021 | 44 |
| Heavy metals content in edible mushrooms: A systematic review, meta-analysis and health risk assessment | 2021 | 45 |
| Electrochemical oxidation pretreatment for enhanced methane potential from landfill leachate in anaerobic co-digestion process: Performance, Gompertz model, and energy assessment | 2021 | 46 |
| Effect of cigarette butt on concentration of heavy metals in landfill leachate: health and ecological risk assessment | 2021 | 47 |
| Assessment of co-composting of sewage sludge, woodchips, and sawdust: feedstock quality and design and compilation of computational model | 2021 | 48 |
| Assessment of littered cigarette butt in urban environment, using of new cigarette butt pollution index (CBPI) | 2021 | 49 |
| Application of ultrasound irradiation in landfill leachate treatment | 2021 | 50 |
| The influence of combined low-strength ultrasonics and micro-aerobic pretreatment process on methane generation and sludge digestion: Lipase enzyme, microbial activation, and energy yield | 2021 | 51 |
| Preparation of tungstophosphoric acid/cerium-doped NH2-UiO-66 Z-scheme photocatalyst: a new candidate for green photo-oxidation of dibenzothiophene and quinoline using molecular oxygen as the oxidant | 2021 | 52 |
| Analysis of cost-benefit in life-cycle of plastic solid waste: combining waste flow analysis and life cycle cost as a decision support tool to the selection of optimum scenario | 2021 | 53 |
| Designed synthesis of perylene diimide-based supramolecular heterojunction with g-C3N4@MIL-125(Ti): insight into photocatalytic performance and mechanism | 2021 | 54 |
| Degradation of 2,4-Dinitrophenol using persulfate activated by Cu2+ in photocatalytic system (UV/SPS/Cu2+) from aqueous solution: optimisation and operational parameters | 2022 | 55 |
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| Biosorption and recovery of copper and zinc from aqueous solutions by nonliving biomass of marine brown algae of Sargassum sp | 2006 | 2 |
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