

Alireza Nezamzadeh-Ejhieh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6282929/publications.pdf>

Version: 2024-02-01

141
papers

8,621
citations

20817

60
h-index

53230

85
g-index

143
all docs

143
docs citations

143
times ranked

4194
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Increased photocatalytic activity of NiO and ZnO in photodegradation of a model drug aqueous solution: Effect of coupling, supporting, particles size and calcination temperature. <i>Journal of Hazardous Materials</i> , 2017, 321, 629-638. | 12.4 | 262 |
| 2 | Decolorization of a binary azo dyes mixture using CuO incorporated nanozeolite-X as a heterogeneous catalyst and solar irradiation. <i>Chemical Engineering Journal</i> , 2013, 228, 631-641. | 12.7 | 243 |
| 3 | Solar photodecolorization of methylene blue by CuO/X zeolite as a heterogeneous catalyst. <i>Applied Catalysis A: General</i> , 2010, 388, 149-159. | 4.3 | 230 |
| 4 | Heterogeneous photodecolorization of mixture of methylene blue and bromophenol blue using CuO-nano-clinoptilolite. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 1421-1431. | 5.8 | 198 |
| 5 | A visible light driven AgBr/g-C ₃ N ₄ photocatalyst composite in methyl orange photodegradation: Focus on photoluminescence, mole ratio, synthesis method of g-C ₃ N ₄ and scavengers. <i>Composites Part B: Engineering</i> , 2020, 183, 107712. | 12.0 | 181 |
| 6 | Enhanced activity of clinoptilolite-supported hybridized PbS@CdS semiconductors for the photocatalytic degradation of a mixture of tetracycline and cephalexin aqueous solution. <i>Journal of Molecular Catalysis A</i> , 2015, 408, 152-160. | 4.8 | 157 |
| 7 | Sunlight photodecolorization of a mixture of Methyl Orange and Bromocresol Green by CuS incorporated in a clinoptilolite zeolite as a heterogeneous catalyst. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1433-1442. | 5.8 | 151 |
| 8 | Comparison of photocatalytic efficiency of supported CuO onto micro and nano particles of zeolite X in photodecolorization of Methylene blue and Methyl orange aqueous mixture. <i>Applied Catalysis A: General</i> , 2014, 477, 83-92. | 4.3 | 146 |
| 9 | High catalytic activity of Fe(II)-clinoptilolite nanoparticules for indirect voltammetric determination of dichromate: Experimental design by response surface methodology (RSM). <i>Electrochimica Acta</i> , 2017, 223, 47-62. | 5.2 | 137 |
| 10 | Synergistic effect of p-n heterojunction, supporting and zeolite nanoparticles in enhanced photocatalytic activity of NiO and SnO ₂ . <i>Journal of Colloid and Interface Science</i> , 2017, 490, 314-327. | 9.4 | 135 |
| 11 | Effective removal of Ni(II) from aqueous solutions by modification of nano particles of clinoptilolite with dimethylglyoxime. <i>Journal of Hazardous Materials</i> , 2013, 260, 339-349. | 12.4 | 134 |
| 12 | NiO nanoparticles modified carbon paste electrode as a novel sulfasalazine sensor. <i>Analytica Chimica Acta</i> , 2018, 1031, 47-59. | 5.4 | 134 |
| 13 | An efficient modified zeolite for simultaneous removal of Pb(II) and Hg(II) from aqueous solution. <i>Journal of Molecular Liquids</i> , 2017, 230, 221-229. | 4.9 | 123 |
| 14 | Enhancement of the photocatalytic activity of Ferrous Oxide by doping onto the nano-clinoptilolite particles towards photodegradation of tetracycline. <i>Chemosphere</i> , 2014, 107, 136-144. | 8.2 | 122 |
| 15 | Modification of an Iranian clinoptilolite nano-particles by hexadecyltrimethyl ammonium cationic surfactant and dithizone for removal of Pb(II) from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 272-281. | 9.4 | 122 |
| 16 | Focus on scavengers' effects and GC-MASS analysis of photodegradation intermediates of sulfasalazine by Cu ₂ O/CdS nanocomposite. <i>Separation and Purification Technology</i> , 2020, 235, 116228. | 7.9 | 117 |
| 17 | Application of supported TiO ₂ onto Iranian clinoptilolite nanoparticles in the photodegradation of mixture of aniline and 2, 4-dinitroaniline aqueous solution. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 26, 315-321. | 5.8 | 113 |
| 18 | Increased photocatalytic activity of Zn(II)/Cu(II) oxides and sulfides by coupling and supporting them onto clinoptilolite nanoparticles in the degradation of benzophenone aqueous solution. <i>Journal of Hazardous Materials</i> , 2016, 316, 194-203. | 12.4 | 112 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Enhanced photocatalytic activity of nickel oxide supported on clinoptilolite nanoparticles for the photodegradation of aqueous cephalexin. <i>Materials Science in Semiconductor Processing</i> , 2015, 36, 162-169. | 4.0 | 109 |
| 20 | Designing of experiments for evaluating the interactions of influencing factors on the photocatalytic activity of NiS and SnS ₂ : Focus on coupling, supporting and nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 628-641. | 9.4 | 108 |
| 21 | Investigation of photocatalytic effect of ZnO@SnO ₂ /nano clinoptilolite system in the photodegradation of aqueous mixture of 4-methylbenzoic acid/2-chloro-5-nitrobenzoic acid. <i>Journal of Molecular Catalysis A</i> , 2015, 409, 59-68. | 4.8 | 106 |
| 22 | A comprehensive study on the kinetic aspects and experimental design for the voltammetric response of a Sn(IV)-clinoptilolite carbon paste electrode towards Hg(II). <i>Journal of Electroanalytical Chemistry</i> , 2018, 829, 95-105. | 3.8 | 105 |
| 23 | GC-MASS detection of methyl orange degradation intermediates by AgBr/g-C ₃ N ₄ : Experimental design, bandgap study, and characterization of the catalyst. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 24636-24656. | 7.1 | 100 |
| 24 | Sunlight assisted photodecolorization of crystal violet catalyzed by CdS nanoparticles embedded on zeolite A. <i>Desalination</i> , 2012, 284, 157-166. | 8.2 | 99 |
| 25 | The ZnO-NiO nano-composite: A brief characterization, kinetic and thermodynamic study and study the Arrhenius model on the sulfasalazine photodegradation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 24749-24764. | 7.1 | 94 |
| 26 | A Z-scheme g-C ₃ N ₄ /Ag ₃ PO ₄ nanocomposite: Its photocatalytic activity and capability for water splitting. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 33381-33395. | 7.1 | 93 |
| 27 | Preparation, characterization, and investigation of the catalytic property of Fe [±] -Fe ₂ O ₃ -ZnO nanoparticles in the photodegradation and mineralization of methylene blue. <i>Chemical Physics Letters</i> , 2020, 752, 137587. | 2.6 | 91 |
| 28 | Heterogeneous photodecolorization of Eriochrome Black T using Ni/P zeolite catalyst. <i>Desalination</i> , 2010, 262, 79-85. | 8.2 | 89 |
| 29 | A comparison between the efficiency of CdS nanoparticles/zeolite A and CdO/zeolite A as catalysts in photodecolorization of crystal violet. <i>Desalination</i> , 2011, 279, 146-151. | 8.2 | 89 |
| 30 | A p-n junction NiO-CdS nanoparticles with enhanced photocatalytic activity: A response surface methodology study. <i>Journal of Molecular Liquids</i> , 2018, 257, 173-183. | 4.9 | 89 |
| 31 | A comprehensive study on the photocatalytic activity of coupled copper oxide-cadmium sulfide nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 196, 334-343. | 3.9 | 87 |
| 32 | A novel non-enzymatic glucose sensor based on the modification of carbon paste electrode with CuO nanoflower: Designing the experiments by response surface methodology (RSM). <i>Journal of Colloid and Interface Science</i> , 2017, 504, 186-196. | 9.4 | 85 |
| 33 | A brief study on the boosted photocatalytic activity of AgI/WO ₃ /ZnO in the degradation of Methylene Blue under visible light irradiation. , 0, 166, 92-104. | | 85 |
| 34 | A comprehensive study on electrochemical and photocatalytic activity of SnO ₂ -ZnO/c clinoptilolite nanoparticles. <i>Journal of Molecular Catalysis A</i> , 2017, 426, 158-169. | 4.8 | 83 |
| 35 | Comprehensive study on enhanced photocatalytic activity of heterojunction ZnS-NiS/zeolite nanoparticles: Experimental design based on response surface methodology (RSM), impedance spectroscopy and GC-MASS studies. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 652-664. | 9.4 | 82 |
| 36 | Voltammetric determination of cysteine using carbon paste electrode modified with Co(II)-Y zeolite. <i>Talanta</i> , 2012, 88, 201-208. | 5.5 | 81 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Comparative study on the increased photoactivity of coupled and supported manganese-silver oxides onto a natural zeolite nano-particles. <i>Journal of Molecular Catalysis A</i> , 2016, 418-419, 103-114. | 4.8 | 81 |
| 38 | A double-Z-scheme ZnO/AgI/WO ₃ photocatalyst with high visible light activity: Experimental design and mechanism pathway in the degradation of methylene blue. <i>Journal of Molecular Liquids</i> , 2021, 322, 114563. | 4.9 | 81 |
| 39 | A comprehensive study on enhancement and optimization of photocatalytic activity of ZnS and SnS ₂ : Response Surface Methodology (RSM), n-n heterojunction, supporting and nanoparticles study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 348, 68-78. | 3.9 | 78 |
| 40 | A brief study on the kinetic aspect of the photodegradation and mineralization of BiOI-Ag ₃ PO ₄ towards sodium diclofenac. <i>Chemical Physics Letters</i> , 2020, 759, 137873. | 2.6 | 78 |
| 41 | Heterogeneous photodegradation of 2,4-dichlorophenol using FeO doped onto nano-particles of zeolite P. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 668-676. | 5.8 | 77 |
| 42 | A comprehensive study on photocatalytic activity of supported Ni/Pb sulfide and oxide systems onto natural zeolite nanoparticles. <i>Journal of Hazardous Materials</i> , 2016, 318, 291-301. | 12.4 | 77 |
| 43 | Supporting of coupled silver halides onto clinoptilolite nanoparticles as simple method for increasing their photocatalytic activity in heterogeneous photodegradation of mixture of 4-methoxy aniline and 4-chloro-3-nitro aniline. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 478-487. | 9.4 | 77 |
| 44 | Enhanced removal efficiency of clinoptilolite nano-particles toward Co(II) from aqueous solution by modification with glutamic acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 479, 35-45. | 4.7 | 76 |
| 45 | Focus on the photocatalytic pathway of the CdS-AgBr nano-catalyst by using the scavenging agents. <i>Separation and Purification Technology</i> , 2020, 250, 117235. | 7.9 | 76 |
| 46 | The CdS/g-C ₃ N ₄ nano-photocatalyst: Brief characterization and kinetic study of photodegradation and mineralization of methyl orange. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 248, 119110. | 3.9 | 75 |
| 47 | Investigation of the photocatalytic activity of supported ZnO@TiO ₂ on clinoptilolite nano-particles towards photodegradation of wastewater-contained phenol. <i>Desalination and Water Treatment</i> , 2015, 55, 1096-1104. | 1.0 | 73 |
| 48 | Effect of the supported ZnO on clinoptilolite nano-particles in the photodecolorization of semi-real sample bromothymol blue aqueous solution. <i>Materials Science in Semiconductor Processing</i> , 2015, 30, 275-284. | 4.0 | 73 |
| 49 | Photocatalytic properties of incorporated NiO onto clinoptilolite nano-particles in the photodegradation process of aqueous solution of cefixime pharmaceutical capsule. <i>Chemical Engineering Research and Design</i> , 2015, 104, 835-843. | 5.6 | 72 |
| 50 | Using of anionic adsorption property of a surfactant modified clinoptilolite nano-particles in modification of carbon paste electrode as effective ingredient for determination of anionic ascorbic acid species in presence of cationic dopamine species. <i>Electrochimica Acta</i> , 2015, 184, 371-380. | 5.2 | 72 |
| 51 | Solar photocatalytic degradation of o-phenylenediamine by heterogeneous CuO/X zeolite catalyst. <i>Desalination</i> , 2011, 280, 281-287. | 8.2 | 71 |
| 52 | Comparison of the efficiency of modified clinoptilolite with HDTMA and HDP surfactants for the removal of phosphate in aqueous solutions. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 31, 185-191. | 5.8 | 71 |
| 53 | Modification of carbon paste electrode with Ni-clinoptilolite nanoparticles for electrocatalytic oxidation of methanol. <i>Electrochimica Acta</i> , 2014, 147, 572-581. | 5.2 | 70 |
| 54 | Clinoptilolite nano-particles modified with aspartic acid for removal of Cu(II) from aqueous solutions: isotherms and kinetic aspects. <i>New Journal of Chemistry</i> , 2015, 39, 9396-9406. | 2.8 | 70 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | A comprehensive study on the kinetics and thermodynamic aspects of batch and column removal of Pb(II) by the clinoptilolite-glycine adsorbent. <i>Materials Chemistry and Physics</i> , 2020, 240, 122142. | 4.0 | 70 |
| 56 | Effect of supporting and hybridizing of FeO and ZnO semiconductors onto an Iranian clinoptilolite nano-particles and the effect of ZnO/FeO ratio in the solar photodegradation of fish ponds waste water. <i>Materials Science in Semiconductor Processing</i> , 2014, 27, 833-840. | 4.0 | 69 |
| 57 | Modification of carbon paste electrode with Fe(III)-clinoptilolite nano-particles for simultaneous voltammetric determination of acetaminophen and ascorbic acid. <i>Materials Science and Engineering C</i> , 2016, 58, 510-520. | 7.3 | 69 |
| 58 | An efficient Z-scheme CdS/g-C ₃ N ₄ nano catalyst in methyl orange photodegradation: Focus on the scavenging agent and mechanism. <i>Journal of Molecular Liquids</i> , 2021, 335, 116543. | 4.9 | 69 |
| 59 | Modification of clinoptilolite nano-particles with iron oxide: Increased composite catalytic activity for photodegradation of cotrimaxazole in aqueous suspension. <i>Materials Science in Semiconductor Processing</i> , 2015, 31, 684-692. | 4.0 | 68 |
| 60 | Electrocatalytic behavior of AgBr NPs as modifier of carbon past electrode in the presence of methanol and ethanol in aqueous solution: A kinetic study. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 104, 130-138. | 5.3 | 66 |
| 61 | Supporting of mixed Zn-Ni semiconductors onto clinoptilolite nano-particles to improve its activity in photodegradation of 2-nitrotoluene. <i>RSC Advances</i> , 2015, 5, 75300-75310. | 3.6 | 65 |
| 62 | A comprehensive study on the enhanced photocatalytic activity of Cu ₂ O/BiVO ₄ /WO ₃ nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 389, 112223. | 3.9 | 65 |
| 63 | Enhancement in photocatalytic activity of NiO by supporting onto an Iranian clinoptilolite nano-particles of aqueous solution of cefuroxime pharmaceutical capsule. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 338-344. | 3.9 | 64 |
| 64 | Surfactant modified zeolite carbon paste electrode (SMZ-CPE) as a nitrate selective electrode. <i>Electrochimica Acta</i> , 2011, 56, 8334-8341. | 5.2 | 60 |
| 65 | Photocatalytic decolorization of methyl green using Fe(II)-o-phenanthroline as supported onto zeolite Y. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 2719-2726. | 5.8 | 60 |
| 66 | Series of highly stable Cd-based MOFs as sensitive and selective sensors for detection of nitrofurantoin antibiotic. <i>CrystEngComm</i> , 2021, 23, 8043-8052. | 2.6 | 60 |
| 67 | Fe ₃ O ₄ -Fe ₂ O ₃ /Cu ₂ O heterostructure: Brief characterization and kinetic aspect of degradation of methylene blue. <i>Physica B: Condensed Matter</i> , 2020, 599, 412422. | 2.7 | 57 |
| 68 | A designed experiment for CdS-AgBr photocatalyst toward methylene blue. <i>Environmental Science and Pollution Research</i> , 2022, 29, 33013-33032. | 5.3 | 57 |
| 69 | An indirect application aspect of zeolite modified electrodes for voltammetric determination of iodate. <i>Journal of Electroanalytical Chemistry</i> , 2018, 810, 119-128. | 3.8 | 56 |
| 70 | Efficient solid amino acid-clinoptilolite nanoparticles adsorbent for Mn(II) removal: A comprehensive study on designing the experiments, thermodynamic and kinetic aspects. <i>Solid State Sciences</i> , 2020, 101, 106124. | 3.2 | 51 |
| 71 | Brief study on the kinetic aspect of photodegradation of sulfasalazine aqueous solution by cuprous oxide/cadmium sulfide nanoparticles. <i>Journal of Applied Chemistry</i> , 2016, 0, 162, 290-302. | | 51 |
| 72 | A zeolite modified carbon paste electrode as useful sensor for voltammetric determination of acetaminophen. <i>Materials Science and Engineering C</i> , 2015, 49, 493-499. | 7.3 | 49 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | A comprehensive study on electrocatalytic current of urea oxidation by modified carbon paste electrode with Ni(II)-clinoptilolite nanoparticles: Experimental design by response surface methodology. <i>Journal of Electroanalytical Chemistry</i> , 2017, 801, 328-337. | 3.8 | 49 |
| 74 | Sensitive voltammetric determination of bromate by using ion-exchange property of a Sn(II)-clinoptilolite-modified carbon paste electrode. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 143-157. | 2.5 | 49 |
| 75 | A comprehensive study on the removal of Cd(II) from aqueous solution on a novel pentetic acid-clinoptilolite nanoparticles adsorbent: Experimental design, kinetic and thermodynamic aspects. <i>Solid State Sciences</i> , 2020, 99, 106071. | 3.2 | 48 |
| 76 | EDTA-functionalized clinoptilolite nanoparticles as an effective adsorbent for Pb(II) removal. <i>Environmental Science and Pollution Research</i> , 2018, 25, 14043-14056. | 5.3 | 47 |
| 77 | A comprehensive study on the mechanism pathways and scavenging agents in the photocatalytic activity of BiVO ₄ /WO ₃ nano-composite. <i>Journal of Water Process Engineering</i> , 2020, 33, 101094. | 5.6 | 47 |
| 78 | Study of the photocatalytic activity of CdS@ZnS nano-composite in the photodegradation of rifampin in aqueous solution. <i>Journal of Materials Research and Technology</i> , 2020, 9, 16237-16251. | 5.8 | 47 |
| 79 | Photodegradation of sulfasalazine over Cu ₂ O-BiVO ₄ -WO ₃ nano-composite: Characterization and experimental design. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 19144-19162. | 7.1 | 47 |
| 80 | A novel citrate selective electrode based on surfactant modified nano-clinoptilolite. <i>Food Chemistry</i> , 2015, 172, 794-801. | 8.2 | 44 |
| 81 | A novel and sensitive carbon paste electrode with clinoptilolite nano-particles containing hexadecyltrimethyl ammonium surfactant and dithizone for the voltammetric determination of Sn(II). <i>Journal of Colloid and Interface Science</i> , 2017, 501, 321-329. | 9.4 | 43 |
| 82 | The coupled AgI/BiOI catalyst: Synthesis, brief characterization, and study of the kinetic of the EBT photodegradation. <i>Chemical Physics Letters</i> , 2020, 761, 138090. | 2.6 | 43 |
| 83 | Study of kinetics aspects of the electrocatalytic oxidation of benzyl alcohol in aqueous solution on AgBr modified carbon paste electrode. <i>Materials Chemistry and Physics</i> , 2019, 237, 121813. | 4.0 | 42 |
| 84 | Comprehensive study on the electrocatalytic effect of copper doped nano-clinoptilolite towards amoxicillin at the modified carbon paste electrode solution interface. <i>Journal of Colloid and Interface Science</i> , 2017, 497, 66-72. | 9.4 | 39 |
| 85 | The coupled BiOI/(BiO) ₂ CO ₃ catalyst: Brief characterization, and study of its photocatalytic kinetics. <i>Journal of Solid State Chemistry</i> , 2022, 314, 123405. | 2.9 | 37 |
| 86 | A novel cysteine sensor based on modification of carbon paste electrode by Fe(II)-exchanged zeolite X nanoparticles. <i>Materials Science and Engineering C</i> , 2016, 58, 286-293. | 7.3 | 35 |
| 87 | A novel quadripartite Cu ₂ O-CdS-BiVO ₄ -WO ₃ visible-light driven photocatalyst: Brief characterization and study the kinetic of the photodegradation and mineralization of sulfasalazine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 400, 112726. | 3.9 | 35 |
| 88 | A ternary Cu ₂ O/BiVO ₄ /WO ₃ nano-composite: Scavenging agents and the mechanism pathways in the photodegradation of sulfasalazine. <i>Journal of Molecular Liquids</i> , 2020, 315, 113701. | 4.9 | 34 |
| 89 | A novel double Ag@AgCl/Cu@Cu ₂ O plasmonic nanostructure: Experimental design and LC-Mass detection of tetracycline degradation intermediates. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 2049-2064. | 7.1 | 33 |
| 90 | CdS@Ag ₃ PO ₄ nano-catalyst: A brief characterization and kinetic study towards methylene blue photodegradation. <i>Materials Science in Semiconductor Processing</i> , 2021, 122, 105455. | 4.0 | 33 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | A zeolite modified carbon paste electrode based on copper exchanged clinoptilolite nanoparticles for voltammetric determination of metronidazole. <i>RSC Advances</i> , 2017, 7, 14247-14253. | 3.6 | 32 |
| 92 | Synergistic effects of ion exchange and complexation processes in cysteine-modified clinoptilolite nanoparticles for removal of Cu(II) from aqueous solutions in batch and continuous flow systems. <i>New Journal of Chemistry</i> , 2017, 41, 3811-3820. | 2.8 | 32 |
| 93 | Construction of a sensitive non-enzymatic fructose carbon paste electrode " CuO nanoflower: designing the experiments by response surface methodology. <i>New Journal of Chemistry</i> , 2018, 42, 1021-1030. | 2.8 | 32 |
| 94 | A brief study on the kinetic of the voltammetric behavior of the modified carbon paste electrode with NiO nanoparticles towards loratadine as a carboxylate-amidic drug compound. <i>Microchemical Journal</i> , 2021, 162, 105869. | 4.5 | 31 |
| 95 | A simple, cheap and effective methanol electrocatalyst based of Mn(II)-exchanged clinoptilolite nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 8881-8892. | 7.1 | 30 |
| 96 | Considerable decrease in overvoltage of electro-catalytic oxidation of methanol by modification of carbon paste electrode with Cobalt(II)-clinoptilolite nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 6288-6299. | 7.1 | 30 |
| 97 | New model for prediction binary mixture of antihistamine decongestant using artificial neural networks and least squares support vector machine by spectrophotometry method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 182, 105-115. | 3.9 | 30 |
| 98 | Voltammetric determination of trace amounts of permanganate at a zeolite modified carbon paste electrode. <i>New Journal of Chemistry</i> , 2017, 41, 15508-15516. | 2.8 | 30 |
| 99 | A novel ternary nano-composite with a high photocatalytic activity: Characterization, effect of calcination temperature and designing the experiments. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 394, 112455. | 3.9 | 29 |
| 100 | A sensitive and simple modified zeolitic carbon paste electrode for indirect voltammetric determination of nitrate. <i>Ionics</i> , 2018, 24, 2135-2145. | 2.4 | 28 |
| 101 | Hexadecylpyridinium surfactant modified zeolite A as an active component of a polymeric membrane sulfite selective electrode. <i>Materials Science and Engineering C</i> , 2013, 33, 4751-4758. | 7.3 | 27 |
| 102 | Improvement of the photocatalytic activity of cupric oxide by deposition onto a natural clinoptilolite substrate. <i>Materials Science in Semiconductor Processing</i> , 2015, 31, 501-508. | 4.0 | 27 |
| 103 | Electrocatalytic Determination of Hg(II) by the Modified Carbon Paste Electrode with Sn(IV)-Clinoptilolite Nanoparticles. <i>Electrocatalysis</i> , 2019, 10, 466-476. | 3.0 | 27 |
| 104 | Surfactant modified ZSM-5 zeolite as an active component of membrane electrode towards thiocyanate. <i>Desalination</i> , 2011, 281, 248-256. | 8.2 | 26 |
| 105 | A Z-scheme AgI/BiOI binary nanophotocatalyst for the Eriochrome Black T photodegradation: A scavenging agents study. <i>Materials Research Bulletin</i> , 2022, 148, 111689. | 5.2 | 26 |
| 106 | Clinoptilolite nanoparticles containing HDTMA and Arsenazo III as a sensitive carbon paste electrode modifier for indirect voltammetric measurement of Cesium ions. <i>Electrochimica Acta</i> , 2016, 217, 163-170. | 5.2 | 25 |
| 107 | Novel formulations of metal-organic frameworks for controlled drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 1183-1202. | 5.0 | 24 |
| 108 | Removal of phenol content of an industrial wastewater via a heterogeneous photodegradation process using supported FeO onto nanoparticles of Iranian clinoptilolite. <i>Desalination and Water Treatment</i> , 2016, 57, 16483-16494. | 1.0 | 23 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | An oxalate selective electrode based on modified PVC-membrane with tetra -butylammonium " Clinoptilolite nanoparticles. <i>Materials Science and Engineering C</i> , 2016, 60, 119-125. | 7.3 | 22 |
| 110 | Optimization of Pb(II) removal by a novel modified silica aerogel using Quince seed mucilage with response surface methodology. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106648. | 6.7 | 22 |
| 111 | Experimental design on determination of Sn(II) by the modified carbon paste electrode with Fe(II)-exchanged clinoptilolite nanoparticles. <i>Solid State Sciences</i> , 2020, 99, 106082. | 3.2 | 20 |
| 112 | An effective wastewater treatment based on sunlight photodegradation by SnS ₂ -ZnS/c clinoptilolite composite. <i>Solid State Sciences</i> , 2020, 101, 106127. | 3.2 | 19 |
| 113 | A comprehensive kinetic study on the electrocatalytic oxidation of propanols in aqueous solution. <i>Solid State Sciences</i> , 2019, 98, 106033. | 3.2 | 18 |
| 114 | The catalytic activity of the coupled CdS-AgBr nanoparticles: a brief study on characterization and its photo-decolorization activity towards methylene blue. , 0, 175, 263-272. | | 18 |
| 115 | A comprehensive study on the enhanced photocatalytic activity of a double-shell mesoporous plasmonic Cu@Cu ₂ O/SiO ₂ as a visible-light driven nanophotocatalyst. <i>Environmental Science and Pollution Research</i> , 2020, 27, 27582-27597. | 5.3 | 17 |
| 116 | Clinoptilolite nanoparticles modified with dimethyl glyoxime as a sensitive modifier for a carbon paste electrode in the voltammetric determination of Ni(II): experimental design by response surface methodology. <i>New Journal of Chemistry</i> , 2017, 41, 13355-13364. | 2.8 | 15 |
| 117 | Cadmium sulfide nanoparticles: Synthesis, brief characterization and experimental design by response surface methodology (RSM) in the photodegradation of ranitidine hydrochloride. <i>Chemical Physics Letters</i> , 2020, 758, 137919. | 2.6 | 15 |
| 118 | Characterization of BiOCl/BiOI binary catalyst and its photocatalytic activity towards rifampin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 433, 114135. | 3.9 | 15 |
| 119 | Photodegradation of dimethyldisulfide by heterogeneous catalysis using nanoCdS and nanoCdO embedded on the zeolite A synthesized from waste porcelain. <i>Desalination and Water Treatment</i> , 2014, 52, 3328-3337. | 1.0 | 14 |
| 120 | Study of the interactions of influencing parameters on electrocatalytic determination of dopamine by a carbon paste electrode based on Fe(II)-clinoptilolite nanoparticles. <i>New Journal of Chemistry</i> , 2018, 42, 520-527. | 2.8 | 14 |
| 121 | A ternary CdS/AgBr/Ag ₃ PO ₄ nanocomposite: characterization and the kinetics of its photocatalytic activity. <i>Environmental Science and Pollution Research</i> , 2021, 28, 41651-41662. | 5.3 | 14 |
| 122 | The photocatalytic rate of ZnO supported onto natural zeolite nanoparticles in the photodegradation of an aromatic amine. <i>Environmental Science and Pollution Research</i> , 2021, 28, 53314-53327. | 5.3 | 14 |
| 123 | A coupled Cobalt(II) oxide-Silver Tungstate nano-photocatalyst: Moderate characterization and evaluation of the photocatalysis kinetics towards methylene blue in aqueous solution. <i>Polyhedron</i> , 2022, 219, 115823. | 2.2 | 14 |
| 124 | Modification of Nanoclinoptilolite Zeolite with Hexadecyltrimethylammonium Surfactant as an Active Ingredient of Chromate-Selective Membrane Electrode. <i>Journal of Chemistry</i> , 2013, 2013, 1-13. | 1.9 | 13 |
| 125 | BiVO ₄ /WO ₃ nano-composite: characterization and designing the experiments in photodegradation of sulfasalazine. <i>Environmental Science and Pollution Research</i> , 2020, 27, 44292-44305. | 5.3 | 13 |
| 126 | CdS Loaded an Iranian Clinoptilolite as a Heterogeneous Catalyst in Photodegradation of <i>p</i> -Aminophenol. <i>Journal of Chemistry</i> , 2013, 2013, 1-11. | 1.9 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | PVC-zeolite nanoparticle-surfactant anion exchanger membrane: preparation, characterization, and its application in development of ion-selective electrode for detection of sulfate. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 2827-2833. | 2.5 | 12 |
| 128 | Supported iron oxide onto an Iranian clinoptilolite as a heterogeneous catalyst for photodegradation of furfural in a wastewater sample. <i>Desalination and Water Treatment</i> , 2016, 57, 10802-10814. | 1.0 | 12 |
| 129 | The boosted activity of AgI/BiOI nanocatalyst: a RSM study towards Eriochrome Black T photodegradation. <i>Environmental Science and Pollution Research</i> , 2022, 29, 45276-45291. | 5.3 | 12 |
| 130 | Supported cuprous oxide-clinoptilolite nanoparticles: Brief identification and the catalytic kinetics in the photodegradation of dichloroaniline. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 250, 119348. | 3.9 | 11 |
| 131 | An aluminum selective electrode via modification of PVC membrane by modified clinoptilolite nanoparticles with hexadecyltrimethyl ammonium bromide (HDTMA-Br) surfactant containing Arsenazo III. <i>Journal of Colloid and Interface Science</i> , 2017, 494, 317-324. | 9.4 | 10 |
| 132 | A comparative photocatalytic activity between PbS NPs and PbS-clinoptilolite towards Cefotaxime. <i>Solid State Sciences</i> , 2022, 131, 106953. | 3.2 | 10 |
| 133 | Photocatalytic kinetics of 2,4-dichloroaniline degradation by NiO-clinoptilolite nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 250, 119228. | 3.9 | 8 |
| 134 | SnO ₂ -BiVO ₄ mixed catalyst: Characterization and kinetics study of the photodegradation of phenazopyridine. <i>Environmental Technology and Innovation</i> , 2021, 22, 101433. | 6.1 | 7 |
| 135 | Photodegradation of phenazopyridine in an aqueous solution by CdS-WO ₃ nanocomposite. , 0, 182, 299-308. | | 7 |
| 136 | A Z-scheme Cobalt(II) oxide-silver tungstate nano photocatalyst: Experimental design and mechanism study for the degradation of methylene blue. <i>Surfaces and Interfaces</i> , 2022, 32, 102148. | 3.0 | 7 |
| 137 | The experimental design and mechanism study of the rifampin photodegradation by PbS-Co ₃ O ₄ coupled catalyst. <i>Materials Research Bulletin</i> , 2022, 155, 111972. | 5.2 | 7 |
| 138 | A novel chromium selective electrode based on surfactant-modified Iranian clinoptilolite nanoparticles. <i>Desalination and Water Treatment</i> , 2016, 57, 3304-3314. | 1.0 | 6 |
| 139 | FeO-Clinoptilolite nanoparticles: Brief characterization and its photocatalytic kinetics towards 2,4-dichloroaniline. <i>Chemical Physics</i> , 2021, 550, 111305. | 1.9 | 6 |
| 140 | Application of NiO CPE in the quantitative determination of loratadine: Experimental design in square wave voltammetry approach. <i>Surfaces and Interfaces</i> , 2021, 27, 101484. | 3.0 | 4 |
| 141 | The coupled CuO-SnO ₂ catalyst: Characterization and the photodegradation kinetics towards phenazopyridine. <i>Environmental Technology and Innovation</i> , 2021, 22, 101496. | 6.1 | 3 |