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Educational Background:

Certificate Degree	Field of Specialization	Name of Institution Attended	Date Received
PhD	Applied Chemistry (Polymer Composites & Conducting Polymers)	University of Tabriz, Iran	2003
MSc	Applied Chemistry (Corrosion & Polymeric Coatings)	University of Tabriz, Iran	1997
BSc	Applied Chemistry	University of Tabriz, Iran	1995

Title of MSc. Thesis: Investigation of Anticorrosive Properties of Polyaniline Coating on Iron

Title of PhD. Thesis: Modification of quartz crystal electrodes with organic polymers and their application for determination of environmental pollutants

Teaching Experiences:

Title of Course	Level	Dates		Name of Institution
		From	To	
Industrial Chemistry 2	BSc	1997	Continuing	University of Tabriz
Industrial Electrochemistry	BSc	2003	2017	University of Tabriz
Conducting Polymers	PhD	2006	2010	University of Tabriz
Polymer Composites and Nanocomposites	MSc	2010	Continuing	University of Tabriz
Physical and Mechanical Properties of Polymers	MSc	2010	Continuing	University of Tabriz
Coatings and Adhesives	PhD	2012	Continuing	University of Tabriz
Polymer Nanotechnology	MSc	2020	Continuing	University of Tabriz
Chemistry and Technology of Polymers	MSc	2020	Continuing	University of Tabriz

Research Interests:

1. Polymer composites and nanocomposites
2. Surface modification and polymer coatings
3. Conducting polymers and blends
4. Polymer hydrogels
5. Corrosion and electrochemistry

Publications

NO	TITLE	YEAR
1	Eco-friendly dialdehyde-mineral combination tanning of wet-white leathers using natural tragacanthin and aluminum sulfate: Improvement of hydrothermal and mechanical properties M Bastanian, A Olad, M Ghorbani Materials Today Chemistry 54, 103688	2026
2	Multifunctional fast-curing polyaspartic ester polyurea/PANI-CsC@TiO ₂ composite coatings with antistatic and anticorrosion properties M Gheybi, A Mirmohseni, A Olad Scientific Reports	2026
3	Development of gelatin and modified gelatin hydrogels incorporated with aluminum-based metal-organic frameworks as a potential wound dressing S Hezari, A Olad, A Dilmaghani Polymer Bulletin 82 (17), 11947-11981	2025
4	In situ fast gelling poloxamer 407/poly (NIPAAm-co-MA) thermosensitive injectable hydrogels incorporating chitosan/curcumin nanoparticles for dual drug delivery S Ahmadi, A Olad, M Fathi Materials Today Communications, 114192	2025
5	Development of antimicrobial acrylate-based coatings containing clays modified with metallic nanocomposites for application on shoe leather P Derakhshan, A Olad, D Salari, A Mirmohseni, A Dilmaghani Surfaces and Interfaces, 107691	2025
6	Fluorine-free hydrophobic powder coatings: a sustainable approach using functionalized biogenic SiO ₂ for anticorrosion and antifouling applications Z Nazarlou, H Najjari, A Olad, U Aydemir Surfaces and Interfaces 71, 106881	2025
7	Preparation of PTSLIPS coatings using polyurethane-based nanocomposite and investigation of their hydrophobicity and anti-icing properties M Kouhi, A Olad, A Mirmohseni, B Pourabbas Progress in Organic Coatings 204, 109246	2025
8	High Chrome Exhaustion by Using Oxidized Tragacanthin as a Natural Pre-Tanning Agent in Leather Industry M Bastanian, A Olad, M Ghorbani Journal of the American Leather Chemists Association 120 (5), 229-242	2025
9	Sustainable chrome-free leather manufacturing through the aldehyde-vegetable combination tanning method based on biomass-derived dialdehyde carboxymethyl cellulose and mimosa ... M Bastanian, A Olad, M Ghorbani International Journal of Biological Macromolecules 306, 141554	2025
10	Preparation of interpenetrating networks from chitosan and poly (hydroxypropyl methacrylate) or p (hydroxyethyl methacrylate) for controlled release of doxorubicin and curcumin ... F Shakouripour, A Olad, G Bayramoglu International Journal of Biological Macromolecules 301, 140929	2025
11	Anti-icing and antibacterial super-hydrophobic poly (dimethyl siloxane) coatings modified with silica, TiO ₂ , Ag ₃ PO ₄ , and CuO nanoparticles F Fathi, Z Nazarlou, U Aydemir, A Olad Materials Chemistry and Physics 333, 130333	2025
12	An injectable chitosan based dual thermo/pH-responsive fast gelling hydrogel loaded by methotrexate/curcumin as local drug delivery system of breast cancer S Ahmadi, A Olad, M Fathi, O Molavi Journal of Drug Delivery Science and Technology 104, 106540	2025
13	Optimization of delignification and cellulose isolation process from natural cotton pods and preparation of its nanofibers with choline chloride-lactic acid eutectic solvents H Soleimanzadeh, D Salari, A Olad, A Ostadrahimi Biomass Conversion and Biorefinery 15 (2), 2063-2079	2025
14	Gelatin-carboxymethyl cellulose/iron-based metal-organic framework nanocomposite hydrogel as a	2024

	promising biodegradable fertilizer release system: Synthesis, characterization ... M Akbarzadeh, A Olad, D Salari, A Mirmohseni International Journal of Biological Macromolecules 279, 135316	
15	Investigation of antibacterial properties and sustained release of <i>Centella Asiatica</i> extract from Fe-MOF-reinforced gelatin-based hydrogels S Hezari, A Olad, A Dilmaghani Polymer Bulletin 81 (16), 14701-14725	2024
16	Efficient lithium separation from alkali metal brine with ultrasonic assisted composite ionic liquid membrane processing B Golmohammadi, H Shekaari, A Rostami, A Olad Desalination 587, 117911	2024
17	Preparation of hydrogels based on okra pods/chia seeds mucilage for drug delivery application S Fazli, S Hezari, A Olad Polymer Bulletin 81 (13), 11539-11562	2024
18	Effect of glutaraldehyde and calcium chloride as different crosslinking agents on the characteristics of chitosan/cellulose nanocrystals scaffold (vol 208, pg 912, 2022) F Doustdar, A Olad, M Ghorbani INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES 267	2024
19	Corrigendum to "Effect of glutaraldehyde and calcium chloride as different crosslinking agents on the characteristics of chitosan/cellulose nanocrystals scaffold"[Int. J. Biol ... F Doustdar, A Olad, M Ghorbani International Journal of Biological Macromolecules 267, 131382	2024
20	Tuning a green carboxymethyl cellulose-based pre-tanning agent via peroxide oxidation for high chrome exhaustion in leather industry M Bastanian, A Olad, M Ghorbani International Journal of Biological Macromolecules 265, 131133	2024
21	Fabrication of magnetic nanocomposite scaffolds based on polyvinyl alcohol-chitosan containing hydroxyapatite and clay modified with graphene oxide: evaluation of their ... A Babakhani, SJ Peighambaroust, A Olad Journal of the Mechanical Behavior of Biomedical Materials 150, 106263	2024
22	Hybrid cross-linked nanocomposite hydrogels based on <i>Elaeagnus angustifolia</i> gum: effect of clay content on water uptake and gel characteristics A Olad, Z Allami, MJ Hejazi, M Eslamzadeh, F Fathi, S Hezari Polymer Bulletin 81 (1), 351-372	2024
23	Optimization of cellulose extraction process from sugar beet pulp and preparation of its nanofibers with choline chloride-lactic acid deep eutectic solvents H Soleimanzadeh, FM Bektashi, SZ Ahari, D Salari, A Olad, A Ostadrahimi Biomass Conversion and Biorefinery 13 (16), 14457-14469	2023
24	Facile fabrication of durable and fluorine-free liquid infused surfaces on aluminum substrates with excellent anti-icing, anticorrosion, and antibiofouling properties M Sattari, A Olad, F Maryami, I Ahadzadeh, K Nofouzi Surfaces and Interfaces 38, 102860	2023
25	Graphene Oxide Nanocomposite Hydrogels Based on Mucilage Extracted from <i>Ocimum basilicum</i> Seeds Grafted by Acrylate Polymers; Assay on Physicochemical ... A Olad, R Gordani, M Eslamzadeh, M Mollaei Journal of Polymers and the Environment 31 (6), 2399-2414	2023
26	Fibrous electrospun polycaprolactone nanomat reinforced with halloysite nanotubes: Preparation and study of its potential application as tissue engineering scaffold HB Hagh, LD Unsworth, F Doustdar, A Olad Polymers for Advanced Technologies 34 (5), 1671-1685	2023
27	Preparation of self-healable nanocomposite hydrogel based on Gum Arabic/gelatin and graphene oxide: Study of drug delivery behavior S Rahmani, A Olad, Z Rahmani Polymer Bulletin 80 (4), 4117-4138	2023
28	Study of Titanium/Vanadium Ziegler-Natta hybrid catalysts performance in slurry-phase ethylene polymerization for producing polyethylene with broad/bimodal molecular weight ...	2023

	M Zeynali, H Ranjbarbaranlo, A Olad Journal of Polymer Research 30 (3), 100	
29	Preparation of magnetic inulin nanocomposite and its application in the removal of methylene blue and heavy metals from aqueous solution AA Herab, D Salari, A Ostadrahimi, A Olad Materials Chemistry and Physics 291, 126580	2022
30	Carboxymethyl cellulose-based semi-IPN hydrogel nanocomposite with improved physicochemical and mechanical properties A Olad, J Aghayan, H Gharekhani, M Akbarzadeh Journal of Polymer Research 29 (11), 460	2022
31	Modified gelatin/iron-based metal-organic framework nanocomposite hydrogel as wound dressing: Synthesis, antibacterial activity, and Camellia sinensis release S Hezari, A Olad, A Dilmaghani International journal of biological macromolecules 218, 488-505	2022
32	Evaluating the effect of graphene oxide PEGylation on the properties of chitosan-graphene oxide nanocomposite scaffold H Bakhtkhosh Hagh, LD Unsworth, A Olad Journal of Biomedical Materials Research Part B: Applied Biomaterials 110 ...	2022
33	Synthesis of innovative TiO ₂ . sub. 2-inulin-Fe. sub. 3O. sub. 4 nanocomposite for removal of Ni (II), Cr (III), crystal violet and malachite green from aqueous solutions. AA Herab, D Salari, A Ostadrahimi, A Olad Journal of Polymer Research 29 (8), NA-NA	2022
34	Synthesis of innovative TiO ₂ -inulin-Fe ₃ O ₄ nanocomposite for removal of Ni (II), Cr (III), crystal violet and malachite green from aqueous solutions A Amini Herab, D Salari, A Ostadrahimi, A Olad Journal of Polymer Research 29 (8), 321	2022
35	Removal of heavy metals from polluted water using magnetic adsorbent based on κ-carrageenan and N-doped carbon dots Z Rahmani, M Ghaemy, A Olad Hydrometallurgy 213, 105915	2022
36	The effect of montmorillonite in graphene oxide/chitosan nanocomposite on controlled release of gemcitabine F Farshi Azhar, M Rezaei, A Olad, H Mousazadeh Polymer Bulletin 79 (8), 5861-5883	2022
37	Effect of glutaraldehyde and calcium chloride as different crosslinking agents on the characteristics of chitosan/cellulose nanocrystals scaffold F Doustdar, A Olad, M Ghorbani International journal of biological macromolecules 208, 912-924	2022
38	Fabrication of slippery lubricant-infused porous surface for inhibition of microorganism adhesion on the porcelain surface F Maryami, A Olad, K Nofouzi Journal of Industrial and Engineering Chemistry 108, 308-320	2022
39	Development of a novel reinforced scaffold based on chitosan/cellulose nanocrystals/halloysite nanotubes for curcumin delivery F Doustdar, A Olad, M Ghorbani Carbohydrate polymers 282, 119127	2022
40	CHITOSAN-NANOCRYSTALLINE CELLULOSE SCAFFOLDS FOR BONE TISSUE ENGINEERING: EFFECT OF TWO DIFFERENT CROSSLINKING AGENTS ON THE PHYSICOCHEMICAL PROPERTIES OF THE SCAFFOLDS F Doustdar, A Olad TISSUE ENGINEERING PART A 28, S525-S525	2022
41	REINFORCEMENT OF ELECTROSPUN PCL NANOMATS WITH HALLOYSITE NANOTUBE AS TISSUE ENGINEERING SCAFFOLDS HB Hagh, A Olad TISSUE ENGINEERING PART A 28, S448-S448	2022
42	Preparation of Nanocomposite Systems Based on Natural Polymers and Clay for Controlled	2022

	Release of Cisplatin F Farshi Azhar, A Olad, M Jafarpour Nashrieh Shimi va Mohandesi Shimi Iran 40 (4), 1-19	
43	Fe ₃ O ₄ /PANI nanocomposite core-shell structure in epoxy resin matrix for the application as electromagnetic waves absorber H Talebi, A Olad, R Nosrati Progress in Organic Coatings 163, 106665	2022
44	Facile synthesis of iron (II) doped carbonaceous aerogel as a three-dimensional cathode and its excellent performance in electro-Fenton degradation of ceftazidime from water ... A Ahmadi, M Zarei, A Hassani, M Ebratkahan, A Olad Separation and Purification Technology 278, 119559	2021
45	Preparation of nanogels based on kappa-carrageenan/chitosan and N-doped carbon dots: Study of drug delivery behavior Z Rahmani, M Ghaemy, A Olad Polymer Bulletin 78 (5), 2709-2726	2021
46	Potential of slippery liquid infused porous surface coatings as flashover inhibitors on porcelain insulators in icing, contaminated, and harsh environments A Olad, F Maryami, A Mirmohseni, AA Shayegani-Akmal Progress in Organic Coatings 151, 106082	2021
47	Ion-crosslinked carboxymethyl cellulose/polyaniline bio-conducting interpenetrated polymer network: preparation, characterization and application for an efficient removal of Cr ... A Olad, M Bastanian, S Aber, H Zebhi Iranian Polymer Journal 30 (2), 105-119	2021
48	The effect of silica/zeolite-A nanocomposite on the polyvinyl acetate wood adhesive A Olad, M Anarchi, R Nosrati Scientia Iranica 28 (3), 1953-1961	2021
49	Fabrication and characterization of a starch-based superabsorbent hydrogel composite reinforced with cellulose nanocrystals from potato peel waste A Olad, F Doustdar, H Gharekhani Colloids and Surfaces A: Physicochemical and Engineering Aspects 601, 124962	2020
50	Effectiveness of PANI/Cu/TiO ₂ ternary nanocomposite on antibacterial and antistatic behaviors in polyurethane coatings A Mirmohseni, M Rastgar, A Olad Journal of Applied Polymer Science 137 (26), 48825	2020
51	Evaluation of in vitro anti-fungal properties of allicin loaded ion cross-linked poly (AA-co-AAm)/PVA/Cloisite 15A Nanocomposite hydrogel films as wound dressing materials A Olad, M Eslamzadeh, F Katirae, A Mirmohseni Journal of Polymer Research 27 (4), 100	2020
52	Physicochemical evaluation of nanocomposite hydrogels with covalently incorporated poly (vinyl alcohol) functionalized graphene oxide A Olad, M Eslamzadeh, A Mirmohseni Journal of Applied Polymer Science 136 (41), 48025	2019
53	Thermodynamic and kinetic studies of removal process of hexavalent chromium ions from water by using bio-conducting starch-montmorillonite/polyaniline nanocomposite A Olad, M Bastanian, H Bakht Khosh Hagh Journal of Inorganic and Organometallic Polymers and Materials 29 (6), 1916-1926	2019
54	Graphene oxide and montmorillonite enriched natural polymeric scaffold for bone tissue engineering A Olad, HBK Hagh, A Mirmohseni, FF Azhar Ceramics International 45 (12), 15609-15619	2019
55	Polymer/zeolite nano-composite hydrogels as promising water reservoir materials: effect of clinoptilolite content on physicochemical properties A Olad, N Nouri, M Eslamzadeh SN Applied Sciences 1 (8), 868	2019
56	PANI-chitosan-TiO ₂ ternary nanocomposite and its effectiveness on antibacterial and antistatic behavior of epoxy coating	2019

	A Mirmohseni, M Rastgar, A Olad Journal of Applied Polymer Science 136 (23), 47629	
57	Ion crosslinked poly(acrylic acid- <i>co</i> -acrylamide)/poly(vinyl alcohol)/Cloisite 15A nanocomposite hydrogels as potential wound dressing films: Effect of clay content ... A Olad, M Eslamzadeh, A Mirmohseni Polymer Composites 40 (5), 1762-1773	2019
58	Graphene oxide and amin-modified graphene oxide incorporated chitosan-gelatin scaffolds as promising materials for tissue engineering A Olad, HBK Hagh Composites Part B: Engineering 162, 692-702	2019
59	Preparation of PANI-CuZnO ternary nanocomposite and investigation of its effects on polyurethane coatings antibacterial, antistatic, and mechanical properties A Mirmohseni, M Rastgar, A Olad Journal of Nanostructure in Chemistry 8 (4), 473-481	2018
60	Investigation of nonlinear electrical properties of ZnO/PPy nanocomposite and its application as a low-voltage varistor A Olad, S Shakoori, SM Aref Physica B: Condensed Matter 550, 127-135	2018
61	Starch-based semi-IPN hydrogel nanocomposite integrated with clinoptilolite: Preparation and swelling kinetic study A Olad, F Doustdar, H Gharekhani Carbohydrate polymers 200, 516-528	2018
62	A facile and green synthesis route for the production of silver nanoparticles in large scale A Olad, F Ghazjahanian, R Nosrati International Journal of Nanoscience and Nanotechnology 14 (4), 289-296	2018
63	The use of graphite/TiO ₂ nanocomposite additive for preparation of polyacrylic based visible-light induced antibacterial and self-cleaning coating R Nosrati, A Olad, F Maryami Research on Chemical Intermediates 44 (10), 6219-6237	2018
64	Synthesis, characterization, and swelling kinetic study of porous superabsorbent hydrogel nanocomposite based on sulfonated carboxymethylcellulose and silica nanoparticles A Olad, H Zebhi, D Salari, A Mirmohseni, A Reyhanitabar Journal of Porous Materials 25 (5), 1325-1335	2018
65	Superabsorbent nanocomposite based on maize bran with integration of water-retaining and slow-release NPK fertilizer A Olad, H Gharekhani, A Mirmohseni, A Bybordi Advances in Polymer Technology 37 (6), 1682-1694	2018
66	Slow-release NPK fertilizer encapsulated by carboxymethyl cellulose-based nanocomposite with the function of water retention in soil A Olad, H Zebhi, D Salari, A Mirmohseni, AR Tabar Materials Science and Engineering: C 90, 333-340	2018
67	Electromagnetic interference attenuation and shielding effect of quaternary Epoxy-PPy/Fe ₃ O ₄ -ZnO nanocomposite as a broad band microwave-absorber A Olad, S Shakoori Journal of magnetism and magnetic materials 458, 335-345	2018
68	Visible-light induced anti-bacterial and self-cleaning waterborne polyacrylic coating modified with TiO ₂ /polypyrrole nanocomposite; preparation and characterization R Nosrati, A Olad, F Maryami Journal of Molecular Structure 1163, 174-184	2018
69	Semi-IPN superabsorbent nanocomposite based on sodium alginate and montmorillonite: Reaction parameters and swelling characteristics A Olad, M Pourkhiyabi, H Gharekhani, F Doustdar Carbohydrate polymers 190, 295-306	2018
70	The use of adsorption method to preparation of polyaniline/ZnO nanocomposite varistor A Olad, N Asadi, S Mohammadi Aref, R Nosrati Journal of Materials Science: Materials in Electronics 29 (11), 9692-9699	2018

71	A promising porous polymer-nanoclay hydrogel nanocomposite as water reservoir material: synthesis and kinetic study A Olad, H Zebhi, D Salari, A Mirmohseni, A Reyhanitabar Journal of Porous Materials 25 (3), 665-675	2018
72	Preparation and characterization of polyurethane based self-cleaning and antibacterial coating containing silver ion exchanged montmorillonite/TiO ₂ nanocomposite A Olad, F Rezvani, R Nosrati Research on Chemical Intermediates 44 (3), 1711-1727	2018
73	Iron/NPK agrochemical formulation from superabsorbent nanocomposite based on maize bran and montmorillonite with functions of water uptake and slow-release fertilizer H Gharekhani, A Olad, F Hosseinzadeh New Journal of Chemistry 42 (16), 13899-13914	2018
74	Water retention and slow release studies of a salep-based hydrogel nanocomposite reinforced with montmorillonite clay A Olad, H Zebhi, D Salari, A Mirmohseni, AR Tabar New Journal of Chemistry 42 (4), 2758-2766	2018
75	A study of the effect of TPU and clay nanoparticles on the mechanical behavior of PBT-based nanocomposites A Chalabi Tehran, K Shelesh-Nezhad, P Faraji Kalajahi, A Olad Mechanics of Advanced Composite Structures 4 (3), 179-186	2017
76	Preparation of an antibacterial, hydrophilic and photocatalytically active polyacrylic coating using TiO ₂ nanoparticles sensitized by graphene oxide R Nosrati, A Olad, S Shakoori Materials Science and Engineering: C 80, 642-651	2017
77	The use of biodegradable polymers for the stabilization of copper nanoparticles synthesized by chemical reduction method A Olad, M Alipour, R Nosrati Bulletin of Materials Science 40 (5), 1013-1020	2017
78	Synthesis, characterization, and fertilizer release study of the salt and pH-sensitive NaAlg-g-poly(AA-co-AAm)/RHA superabsorbent nanocomposite A Olad, H Gharekhani, A Mirmohseni, A Bybordi Polymer Bulletin 74 (8), 3353-3377	2017
79	Superabsorbent hydrogel made of NaAlg-g-poly (AA-co-AAm) and rice husk ash: Synthesis, characterization, and swelling kinetic studies H Gharekhani, A Olad, A Mirmohseni, A Bybordi Carbohydrate polymers 168, 1-13	2017
80	Controlled release systems based on intercalated paraquat onto montmorillonite and clinoptilolite clays encapsulated with sodium alginate A Rashidzadeh, A Olad, MJ Hejazi Advances in Polymer Technology 36 (2), 177-185	2017
81	Study of the effect of TiO ₂ /polyaniline nanocomposite on the self-cleaning property of polyacrylic latex coating R Nosrati, A Olad, H Najjari Surface and Coatings Technology 316, 199-209	2017
82	Effect of exfoliated organophilic montmorillonite on the structure and conductivity of polypropylene/polyaniline composites A Olad, F Sadeghvandi, A Mirmohseni Polymer composites 38 (4), 699-707	2017
83	pH sensitive and controlled release system based on cellulose nanofibers-poly vinyl alcohol hydrogels for cisplatin delivery FF Azhar, E Shahbazpour, A Olad Fibers and Polymers 18 (3), 416-423	2017
84	Effects of aluminum surface treatments on the interfacial fracture toughness of carbon-fiber aluminum laminates AZ Zakaria, K Shelesh-nezhad, TN Chakherlou, A Olad Engineering Fracture Mechanics 172, 139-151	2017

85	Mechanics of Advanced Composite Structures K Shelesh-Nezhad, PF Kalajahia, A Olad polymer 5, 8	2017
86	Study on the synergistic effect of clinoptilolite on the swelling kinetic and slow release behavior of maize bran-based superabsorbent nanocomposite A Olad, H Gharekhani, A Mirmohseni, A Bybordi Journal of Polymer Research 23 (12), 241	2016
87	Study on the capacitive performance of polyaniline/activated carbon nanocomposite for supercapacitor application A Olad, H Gharekhani Journal of Polymer Research 23 (8), 147	2016
88	A new method of preparing gel for DGT technique and application to the soil phosphorus availability test S Heidari, A Reyhanitabar, S Oustan, A Olad Communications in Soil Science and Plant Analysis 47 (10), 1239-1251	2016
89	Preparation and investigation of hydrophilic, photocatalytic, and antibacterial polyacrylic latex coating containing nanostructured TiO ₂ /Ag ⁺ -exchanged-montmorillonite composite ... A Olad, R Nosrati, H Najjari, K Nofouzi Applied Clay Science 123, 156-165	2016
90	The effect of TiO ₂ /aluminosilicate nanocomposite additives on the mechanical and thermal properties of polyacrylic coatings R Nosrati, A Olad Applied Surface Science 357, 376-384	2015
91	Hydrogel/c clinoptilolite nanocomposite-coated fertilizer: swelling, water-retention and slow-release fertilizer properties A Rashidzadeh, A Olad, A Reyhanitabar Polymer Bulletin 72 (10), 2667-2684	2015
92	A self-cleaning coating based on commercial grade polyacrylic latex modified by TiO ₂ /Ag-exchanged-zeolite-A nanocomposite R Nosrati, A Olad, K Nofouzi Applied Surface Science 346, 543-553	2015
93	An Overview on Applications of ZnO Nanostructures in Polymer Industries A Olad, R Nosrati Basparesh 5 (1), 33-42	2015
94	Preparation and electrochemical investigation of the polyaniline/activated carbon nanocomposite for supercapacitor applications A Olad, H Gharekhani Progress in Organic Coatings 81, 19-26	2015
95	Localization DGT techniques in Iran and its application in the measurement of phosphorus content in soil and water A Reyhanitabar, S Heidari, A Olad Iranian Journal of Soil and Water Research 46 (1), 151-161	2015
96	Use of response surface methodology for optimization of the photocatalytic degradation of ampicillin by ZnO/polyaniline nanocomposite A Olad, R Nosrati Research on Chemical Intermediates 41 (3), 1351-1363	2015
97	The effective removal of methylene blue dye from aqueous solutions by NaAlg-g-poly (acrylic acid-co-acryl amide)/clinoptilolite hydrogel nanocomposite A Rashidzadeh, A Olad, D Salari Fibers and Polymers 16 (2), 354-362	2015
98	Fabrication of Conductive Polyaniline Nanocomposites Based on Silica Nanoparticles via <i>In-Situ</i> Chemical Oxidative Polymerization Technique M Babazadeh, F Zalloi, A Olad Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal ...	2015
99	Slow-released NPK fertilizer encapsulated by NaAlg-g-poly (AA-co-AAm)/MMT superabsorbent nanocomposite	2014

	A Rashidzadeh, A Olad Carbohydrate polymers 114, 269-278	
100	On the encapsulation of natural pesticide using polyvinyl alcohol/alginate–montmorillonite nanocomposite for controlled release application A Rashidzadeh, A Olad, D Salari, M Jalil Hejazi Polymer Engineering & Science 54 (12), 2707-2714	2014
101	A study on sustained release formulations for oral delivery of 5-fluorouracil based on alginate–chitosan/montmorillonite nanocomposite systems FF Azhar, A Olad Applied Clay Science 101, 288-296	2014
102	Effect of Si content on electrophysical properties of Si-polymer composite varistors M Ghafouri, M Parhizkar, H Bidadi, SM Aref, A Olad Materials Chemistry and Physics 147 (3), 1117-1122	2014
103	Fabrication and characterization of chitosan–gelatin/nanohydroxyapatite–polyaniline composite with potential application in tissue engineering scaffolds F Farshi Azhar, A Olad, R Salehi Designed Monomers and Polymers 17 (7), 654-667	2014
104	The synergetic effect of bioactive ceramic and nanoclay on the properties of chitosan–gelatin/nanohydroxyapatite–montmorillonite scaffold for bone tissue engineering A Olad, FF Azhar Ceramics International 40 (7), 10061-10072	2014
105	Application of response surface methodology for modeling of reactive dye removal from solution using starch-montmorillonite/polyaniline nanocomposite A Olad, FF Azhar, M Shargh, S Jharfi Polymer Engineering & Science 54 (7), 1595-1607	2014
106	Development of novel hybrid nanocomposites based on natural biodegradable polymer–montmorillonite/polyaniline: preparation and characterization F Farshi Azhar, A Olad, A Mirmohseni Polymer bulletin 71 (7), 1591-1610	2014
107	RETRACTED ARTICLE: Eco-friendly biopolymer/clay/conducting polymer nanocomposite: Characterization and its application in reactive dye removal A Olad, FF Azhar Fibers and Polymers 15 (6), 1321-1329	2014
108	Effect of temperature on the electrophysical properties of Si–polymer composite varistors M Ghafouri, M Parhizkar, SM Aref, A Olad, H Bidadi Microelectronics Reliability 54 (5), 965-971	2014
109	A study on the adsorption of chromium (VI) from aqueous solutions on the alginate–montmorillonite/polyaniline nanocomposite A Olad, F Farshi Azhar Desalination and Water Treatment 52 (13-15), 2548-2559	2014
110	On the preparation and swelling properties of hydrogel nanocomposite based on Sodium alginate-g-Poly (acrylic acid-co-acrylamide)/Clinoptilolite and its ... A Rashidzadeh, A Olad, D Salari, A Reyhanitabar Journal of Polymer Research 21 (2), 344	2014
111	Correlation between sintering pressure and electrical properties of hot-press sintered gallium arsenide-polyaniline-polyethylene composite varistors M Parhizkar, SM Aref, M Ghafouri, A Olad, H Bidadi Materials science in semiconductor processing 17, 143-148	2014
112	Effect of polyaniline content on electrophysical properties of gallium arsenide–polymer composite varistors SM Aref, A Olad, M Parhizkar, M Ghafouri, H Bidadi Solid state sciences 26, 128-133	2013
113	Novel polyaniline/poly (vinyl alcohol)/clinoptilolite nanocomposite: dye removal, kinetic, and isotherm studies A Rashidzadeh, A Olad Desalination and Water Treatment 51 (37-39), 7057-7066	2013

114	Removal of Nickel (II) from aqueous solutions with polypyrrole modified clinoptilolite: kinetic and isotherm studies A Olad, S Ahmadi, A Rashidzadeh Desalination and water Treatment 51 (37-39), 7172-7180	2013
115	Comparison of organic dyes removal mechanism in electrocoagulation process using iron and aluminum anodes AR Amani-Ghadim, A Olad, S Aber, H Ashassi-Sorkhabi Environmental Progress & Sustainable Energy 32 (3), 547-556	2013
116	Effect of changing Gallium arsenide content on Gallium arsenide-polymer composite varistors H Bidadi, SM Aref, M Ghafouri, M Parhizkar, A Olad Journal of Physics and Chemistry of Solids 74 (8), 1169-1173	2013
117	The effect of sintering temperature on varistor characteristics of gallium arsenide-polyaniline-polyethylene composite varistors H Bidadi, SM Aref, M Ghafouri, M Parhizkar, A Olad Materials science in semiconductor processing 16 (3), 752-758	2013
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Books and Book Chapters:

No	Authors	Title	Publisher	Date
1	Ali Olad	Advances in diverse industrial applications of nanocomposites/ Polymer-clay nanocomposites	INTECH	March 2011
2	Ali Olad* Azam Rashidzadeh	Trends in Polyaniline Research / ANTICORROSIVE PROPERTIES OF POLYANILINE	Nova Science Publishers, Inc.	2013
3	Ali Olad* Azam Rashidzadeh	Trends in Polyaniline Research / POLYANILINE AND REMOVAL OF POLLUTANTS	Nova Science Publishers, Inc.	2013
4	Ali Olad* Fahimeh Farshi Azhar	Trends in Polyaniline Research / BIOMEDICAL APPLICATIONS OF POLYANILINE	Nova Science Publishers, Inc.	2013

Patents:

NO	Title	Patent Number	Confirmed by	Date
1	Method for preparation of polyaniline nanostructures	US 010100169 B2	US Patent	2018
2	Use of solvent to obtain polyaniline nanostructures after synthesis		Industrial property administration & Nano science federation	2014
3	Improvement of engine oil properties and efficiency by using copper-graphene additive		Industrial property administration	2013

Membership to Scientific Associations:

Name of Institution/Association	Position Held	Country	Year
Iranian Polymer Society (IPS)	Member	Iran	2004- Continuing
Iranian Chemical & Engineering Society	Member	Iran	2004- Continuing
Iranian Association of Chemical Engineers	Member	Iran	2004- Continuing

Language Proficiency:

Language	Degree of Proficiency											
	Writing				Reading				Speaking			
	Native	Good	Fair	Poor	Native	Good	Fair	Poor	Native	Good	Fair	Poor
Farsi	*				*				*			
Turkish	*				*				*			
English		*			*					*		

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Degrees:

1998/02-2003/06	Ph.D. in Applied Chemistry, University of Tabriz, Tabriz, Iran Field of specialization: Polymer coatings and surface modification, Thesis Title: Modification of quartz crystal electrodes with organic polymers and their application for determination of environmental pollutants
1995/09-1997/09	M.Sc. in Applied Chemistry, University of Tabriz, Tabriz, Iran Field of specialization: Polymeric coatings, Corrosion, Thesis Title: Investigation of anticorrosive properties of polyaniline coating on iron
1991/09-1995/09	B.Sc. in Applied Chemistry, University of Tabriz, Tabriz, Iran Field of specialization: Industrial chemistry, Mass transfer, Paints and pigments,

AWARDS

2019	Best Teaching award, University of Tabriz, Tabriz, Iran
2014	One of the Best Researchers award, East Azerbaijan State, Tabriz, Iran
2014	Best Research award, Basic sciences, University of Tabriz, Tabriz, Iran
2012	Best Research award, Faculty of Chemistry, University of Tabriz, Tabriz, Iran
2010	2 nd Best Research award, Faculty of Chemistry, University of Tabriz, Tabriz, Iran