

## تحصیلات:

- ✓ دوره فوق‌العاده زبان ژاپنی در مدرسه مرکزی زبان ژاپنی توکیو ۲۰۰۳-۲۰۰۴
- ✓ دوره کاردانی در رشته مواد در کالج حاجینوحه ۲۰۰۴-۲۰۰۷
- ✓ دوره کارشناسی در رشته مواد آلی در دانشگاه صنعتی توکیو ۲۰۰۷-۲۰۰۹
- ✓ دوره دکترا در رشته طراحی و سنتز پلیمر در دانشگاه صنعتی توکیو ۲۰۱۰-۲۰۱۳
- ✓ دوره پژوهشی در دانشگاه صنعتی توکیو ۲۰۰۹-۲۰۱۰

## عضویت‌های علمی

- ✓ عضو هیئت علمی (استادیار) دانشگاه شهید بهشتی دانشکده علوم و فناوری زیستی
- ✓ عضو انجمن پلیمر کشور ژاپن

## فعالیت‌های علمی

✓ مقالات

- Synthesis of Polytriphenylamine with Emitting Part at Terminal for Light Emitting Application, *Journal of Photopolymer Science and Technology* (2012)
- Synthesis of Polyfluorene and Triphenylamine Block Copolymer with Emitting Part at Junction for Light Emitting Application. *Open Journal of Organic Polymer Materials* (2013)
- Polyfluorene-polyphenylamine block copolymer as an additive for improvement of electroluminescent performance, *Open Journal of Organic Polymer Materials* (2013)
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- Fluoride polymer thin film fabrication with electron irradiation assist. *Journal of fibers and polymers* (2009) in japanese
- Synthesis and characterization of polyfluorene block copolymers with emitting part at the junction. *Polymer Journal*, (2013) in Japanese
- Surface Modification of Chitosan/PEO nanofibers by air dielectric barrier discharge plasma for acetylcholinesterase immobilization. *Applied Surface Science* (2015)
- Self-Cleaning Traffic Marking Paint. *Surfaces and Interfaces*(2017)
- The impact of initiators on fast drying traffic marking paint. *International Journal of Materials and Metallurgical Engineering* (2014)
- Wear properties of nanocomposite traffic marking paint. *Journal of Nanomaterials* (2018)
- Scanning Electron Microscope of Operation.
- Improvement of PAN separator properties using PVA/Malonic acid by electrospinning in lithium ion batteries. *Journal Of Applied Polymer Science* (2019)
- Investigation of the antimicrobial properties of nanoclay and chitosan

based nanocomposite on the microbial characteristics of Gouda cheese. *Medical Laboratory Journal* (2020)

- The Effect of Different Ratios of Malonic Acid to Polyvinylalcohol on Electrochemical and Mechanical Properties of Polyacrylonitrile Electrospun Separators in Lithium-Ion Batteries. *Periodica Polytechnica-Chemical Engineering* (2021)
- Cathodic Disbonding Behavior of Epoxy -Polyamide Coating. *Engineering Failure Analysis*(2021)
- Increased storage stability of marble adhesive based on unsaturated polyester resin. *International Journal Of Adhesion And Adhesives* (2022)
- Potential of Superparamagnetic Iron Oxide Nanoparticles Coated with Carbon Dots as a Magnetic Nanoadsorbent for DNA Isolation. *Cemichal Engineering Research and Design* (2022)
- Synthesis and characterization of iron oxide/functionalized graphene oxide nanocomposites for highly efficient DNA isolation. *Materials Science and Engineering B-Advanced Functional Solid-State Materials* (2022)
- In vitro modeling of hepatocellular carcinoma niche on decellularized tomato thorny leaves: a novel natural three-dimensional (3D) scaffold for liver cancer therapeutics *Frontiers in Bioengineering and Biotechnology* (2023)
- Enhanced osteogenesis on proanthocyanidin-loaded date palm endocarp cellulosic matrices: A novel sustainable approach for guided bone regeneration. *International Journal Of Biological Macromolecules*(2023)
- Molecular arrangement of cellulose bio-nanofibers in formation of higherorder assemblies. *Journal Of Polymer Research*(2023)