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## Publications

### Journals

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- Abdi, Babak and Shojaei, Akbar and Molavi, Hossein, "Superior fatigue and mechanical properties of ethylene-propylene diene monomer rubber incorporated with Zr-based metal-organic framework", *Journal of Polymer Research*, Vol. 30, NO. 1, 2023
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- Ahmadijokani, Farhad and Molavi, Hossein and Bahi, Addie and Wuttke, Stefan and Kamkar, Milad and Rojas, Orlando J and Ko, Frank and Arjmand, Mohammad, "Electrospun Nanofibers of Chitosan/Polyvinyl Alcohol/UiO-66/Nanodiamond: Versatile Adsorbents for Wastewater Remediation and Organic Dye Removal", *Chemical Engineering Journal*, Vol. 30, NO. 1, 2022
- Ahmadijokani, Farhad and Molavi, Hossein and Bahi, Addie and Fernandez, Roberto and Alaei, Parvin and Wu, Siying and Wuttke, Stefan and Ko, Frank and Arjmand, Mohammad, "Metal-Organic Frameworks and Electrospinning: A Happy Marriage for Wastewater Treatment", *Advanced Functional Materials*, Vol.



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- Ahmadipouya, Salman and Ahmadijokani, Farhad and Molavi, Hossein and Rezakazemi, Mashallah and Arjmand, Mohammad, "CO<sub>2</sub>/CH<sub>4</sub> separation by mixed-matrix membranes holding functionalized NH<sub>2</sub>-MIL-101 (Al) nanoparticles: Effect of amino-silane functionalization", *Chemical Engineering Research and Design*, Vol. 176, NO. 4, 2021
- Ahmadijokani, Farhad and Tajahmadi, Shima and Bahi, Addie and Molavi, Hossein and Rezakazemi, Mashallah and Ko, Frank



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