

## Journal Publication

- 1) Hassan Sayyaadi, Mohammad Saeed Seif and Ali Asghar Abniki, "Experimental investigation of comparison of optical fiber acoustic sensor with standard hydrophone in shallow water", *International Journal of Maritime Technology*, 6 pages Available online at: [www.ijmt.ir](http://www.ijmt.ir) 2021.
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- 3) Hassan Sayyaadi, Mohammadmahdi Mehrabi and Maryam Hoviattalab, "Analysis and Modification of a Common Energy Harvesting System using Magnetic Shape Memory Alloys (MSMAs)", *Journal of Intelligent Material Systems and Structures*, <https://doi.org/10.1177/1045389X20963174>, 16 pages 2020.
- 4) Hassan Sayyaadi and Hossein Naderi, "Modelling of Magnetic Shape Memory Alloys plates for pressure sensor application", *Journal of Intelligent Material Systems and Structures*, 2020, <https://doi.org/10.1177/1045389X20947170>.
- 5) Mohammadreza Tabeshpour, Mohammad Hadi Erfani, Hassan Sayyaadi, "Study on Ultimate Capacity of Offshore Jacket Platforms Considering the Effects of Global and Local Buckling of the Elements", *Advances in Solid and Fluid Mechanics (ASFMS)* 1 (2019) 10-18, 2019.
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- 11) Seyed Hamid Mousavi and Hassan Sayyaadi, "Optimization and Testing of a New Prototype Hybrid MR Brake with Arc Form Surface as a Prosthetic Knee", *IEEE-ASME TRANSACTIONS ON MECHATRONICS*, Vol. 23, No. 3, pp.1204-1215, 2018.
- 12) Hassan Sayyaadi and Abbas Ghasemzadeh, "Control of Multiple Underwater Vessels to Converge to a Desired Pattern", *International Journal of Maritime Technology*, Vol. 9, Winter, pp.49-55, 2018.
- 13) Hassan Sayyaadi and Shahnaz Bahmanyar, "Development of a new mechanism to change velocity in helical swimmer robot at low Reynolds Number", *Scientia Iranica Journal*, Accepted 2018.
- 14) Hassan Sayyaadi, Hosein Rostami Najafabadi, Mohammad Amin Askari Frasangi, "Modeling and Parametric Studies of Magnetic Shape Memory Alloy Based Energy Harvester", *Journal of Intelligent Material Systems and Structures*, Vol. 29, No. 4, pp. 563-573, 2018.
- 15) Mohammad Amin Askari Farsangi, Francesco Cottone, Hassan Sayyaadi, Mohammadreza Zakerzadeh, Francesco Orfei, and Luca Gammaitoni, "Energy Harvesting from Structural Vibrations of Magnetic Shape Memory Alloys", *APPLIED PHYSICS LETTERS*, Vol. 110, No. 103905, 5 pages, 2017.
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