



Mohammad Mehdi sadeghi

Assistant Professor

College: Faculty of Science

Department: Physics

Papers in Journals

1. Mohammad Mehdi Sadeghi, Radar Cross Section Approach in Illusion Effects of Transformation Optics-Based Expander, *Frontiers in Materials*, 2022.
2. sadeghi, & Odabasi, Experimental Verification of Illusion Optics with Optical Null Media, *arXiv*, 2022.
3. Mohammad Mehdi Sadeghi; Hamid Nadgaran, Designing Electromagnetic Field Rotators with Homogenous and Isotropic Materials, *Plasmonics*, 2021.
4. Mohammad Mehdi Sadeghi, Perfect directional cloak based on double near zero metamaterials and magnetic field concentrators, *Physica Scripta*, 2021.
5. Mohammad Mehdi Sadeghi, Illusion Properties in Perfect Cylindrical Devices, *Plasmonics*, 2020.
6. Transformation optics with Fabry-Pérot resonances, *Scientific Reports*, 2015 11 20.
7. Sadeghi, M.M.; Xu, L.; Nadgaran, H.; Chen, H., Optical Concentrators with Simple Layered Designs, *Scientific Reports*, 2015.
8. Sadeghi, M.M.; Nadgaran, H.; Chen, H., Perfect field concentrator using zero index metamaterials and perfect electric conductors, *Frontiers of Physics*, 2014.

Books

1. کاربرد متلب در فیزیک برای دانشجویان کارشناسی