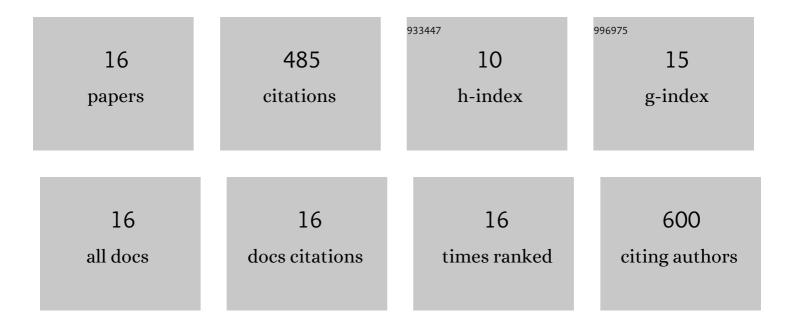
Pouya Amrollahi

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Nature-inspired chiral metasurfaces for circular polarization detection and full-Stokes polarimetric measurements. Light: Science and Applications, 2019, 8, 78. | 16.6 | 184 |
| 2 | Circulating Extracellular Vesicles Carrying Sphingolipid Cargo for the Diagnosis and Dynamic Risk Profiling of Alcoholic Hepatitis. Hepatology, 2021, 73, 571-585. | 7.3 | 56 |
| 3 | Recent advancements in regenerative dentistry: A review. Materials Science and Engineering C, 2016, 69, 1383-1390. | 7.3 | 55 |
| 4 | Fly ash particle characterization for predicting concrete compressive strength. Construction and Building Materials, 2018, 165, 560-571. | 7.2 | 46 |
| 5 | Ultra-Sensitive Automated Profiling of EpCAM Expression on Tumor-Derived Extracellular Vesicles. Frontiers in Genetics, 2019, 10, 1273. | 2.3 | 24 |
| 6 | Using particle composition of fly ash to predict concrete strength and electrical resistivity. Cement and Concrete Composites, 2020, 107, 103493. | 10.7 | 23 |
| 7 | Cytotoxicity Evaluation and Magnetic Characteristics of Mechano-thermally Synthesized CuNi Nanoparticles for Hyperthermia. Journal of Materials Engineering and Performance, 2015, 24, 1220-1225. | 2.5 | 20 |
| 8 | Circulating extracellular vesicles are a biomarker for NAFLD resolution and response to weight loss surgery. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 36, 102430. | 3.3 | 19 |
| 9 | Bioreactors for heart valve tissue engineering: a review. Journal of Chemical Technology and Biotechnology, 2016, 91, 847-856. | 3.2 | 14 |
| 10 | Synthesis and Characterization of CuNi Magnetic Nanoparticles by Mechano-Thermal Route. Journal of Superconductivity and Novel Magnetism, 2014, 27, 481-485. | 1.8 | 11 |
| 11 | Using Nanoplasmon-Enhanced Scattering and Low-Magnification Microscope Imaging to Quantify Tumor-Derived Exosomes. Journal of Visualized Experiments, 2019, , . | 0.3 | 9 |
| 12 | Dye-free spectrophotometric measurement of nucleic acid-to-protein ratio for cell-selective extracellular vesicle discrimination. Biosensors and Bioelectronics, 2021, 179, 113058. | 10.1 | 8 |
| 13 | Silicon Nanodisk Huygens Metasurfaces for Portable and Low-Cost Refractive Index and Biomarker Sensing. ACS Applied Nano Materials, 2022, 5, 3983-3991. | 5.0 | 6 |
| 14 | Nanoplasmonic Sensor Approaches for Sensitive Detection of Disease-Associated Exosomes. ACS Applied Bio Materials, 2021, 4, 6589-6603. | 4.6 | 5 |
| 15 | Synthesis and Characterization of Nano-crystalline Calcium Hexaferrite Particles by Mechano-Thermal Method. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1353-1356. | 1.8 | 3 |
| 16 | Bioreactor design for oral and dental tissue engineering. , 2017, , 193-204. | | 2 |