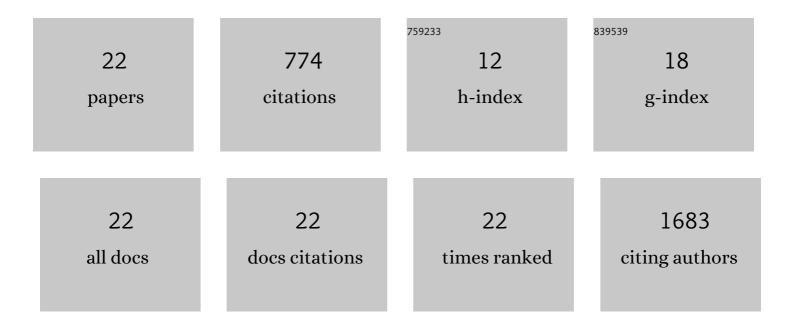
## Hasti Asayesh-Ardakani

List of Publications by Year in descending order

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| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Cations controlled growth of β-MnO2 crystals with tunable facets for electrochemical energy storage. Nano Energy, 2018, 48, 301-311.   | 16.0 | 56        |
| 2  | Energy-driven surface evolution in beta-MnO2 structures. Nano Research, 2018, 11, 206-215.   | 10.4 | 15        |
| 3  | Modulating the Hysteresis of an Electronic Transition: Launching Alternative Transformation<br>Pathways in the Metal–Insulator Transition of Vanadium(IV) Oxide. Chemistry of Materials, 2018, 30,<br>214-224. | 6.7  | 20        |
| 4  | Facet-Dependent Thermal Instability in LiCoO <sub>2</sub> . Nano Letters, 2017, 17, 2165-2171.   | 9.1  | 99        |
| 5  | Postsynthetic Route for Modifying the Metal—Insulator Transition of VO <sub>2</sub> by Interstitial<br>Dopant Incorporation. Chemistry of Materials, 2017, 29, 5401-5412.                                      | 6.7  | 36        |
| 6  | Direct evidence of M2 phase during the monoclinic-tetragonal (rutile) phase transition of W-doped VO2 nanowires. Applied Physics Letters, 2017, 110, .   | 3.3  | 11        |
| 7  | Multiâ€6tep Crystallization of Barium Carbonate: Rapid Interconversion of Amorphous and Crystalline<br>Precursors. Angewandte Chemie - International Edition, 2017, 56, 16028-16031.                           | 13.8 | 12        |
| 8  | In Situ TEM Investigation of ZnO Nanowires during Sodiation and Lithiation Cycling. Small Methods, 2017, 1, 1700202.   | 8.6  | 45        |
| 9  | Multi‣tep Crystallization of Barium Carbonate: Rapid Interconversion of Amorphous and Crystalline<br>Precursors. Angewandte Chemie, 2017, 129, 16244-16247.  | 2.0  | 1         |
| 10 | Simultaneous Structural and Electrical Analysis of Vanadium Dioxide Using In Situ TEM. Microscopy and Microanalysis, 2017, 23, 1672-1673.  | 0.4  | 1         |
| 11 | In situ cooling and heating study of VO 2 phase transition. Microscopy and Microanalysis, 2016, 22, 816-817.   | 0.4  | 0         |
| 12 | Atomic Resolution Studies of W Dopants Effect on the Phase Transformation of VO2. Microscopy and Microanalysis, 2016, 22, 884-885.   | 0.4  | 1         |
| 13 | Effect of Mechanical Stress on Lithiation and Sodiation Process. Microscopy and Microanalysis, 2016, 22, 1382-1383.  | 0.4  | 0         |
| 14 | Synthesis and Characterization of Paramagnetic Iron Nanoparticles with Minimal Gold Coating for Optimal Drug Delivery. Microscopy and Microanalysis, 2016, 22, 1096-1097.                                      | 0.4  | 0         |
| 15 | Stabilizing metastable tetragonal HfO <sub>2</sub> using a non-hydrolytic solution-phase route:<br>ligand exchange as a means of controlling particle size. Chemical Science, 2016, 7, 4930-4939.              | 7.4  | 29        |
| 16 | Ultrafast and Highly Reversible Sodium Storage in Zincâ€Antimony Intermetallic Nanomaterials.<br>Advanced Functional Materials, 2016, 26, 543-552.   | 14.9 | 81        |
| 17 | In situ TEM Observation of Lithiation and Sodiation Process of ZnO Nanowire. Microscopy and Microanalysis, 2015, 21, 1371-1372.  | 0.4  | 2         |
| 18 | Asynchronous Crystal Cell Expansion during Lithiation of K <sup>+</sup> -Stabilized<br>α-MnO <sub>2</sub> . Nano Letters. 2015. 15. 2998-3007.   | 9.1  | 161       |

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| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Atomic Origins of Monoclinic-Tetragonal (Rutile) Phase Transition in Doped VO <sub>2</sub><br>Nanowires. Nano Letters, 2015, 15, 7179-7188. | 9.1  | 52        |
| 20 | Lithiation-Induced Shuffling of Atomic Stacks. Nano Letters, 2014, 14, 5301-5307.   | 9.1  | 18        |
| 21 | Atomic Resolution Study of Local Strains in Doped VO2 Nanowires. Microscopy and Microanalysis, 2014, 20, 1074-1075.                         | 0.4  | 0         |
| 22 | Atomic-Scale Observation of Lithiation Reaction Front in Nanoscale SnO <sub>2</sub> Materials. ACS Nano, 2013, 7, 6203-6211.                | 14.6 | 134       |