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## **List of Publication**

1. **Akanksha Yadav**, Ram Pyare, John B. Goodenough, and Preetam Singh “ $\text{KTa}_{1-x-y}\text{Ti}_x\text{Ge}_y\text{O}_{3-\delta}$ : A High  $\kappa$  Relaxor Dielectric and Superior Oxide-Ion Electrolyte for IT-SOFC” ACS Applied Energy Materials. 2020, 3 (4), 3205–3211. (SCI, IF-6.024)
2. **Akanksha Yadav**, Ram Pyare, Thandavarayan Maiyalagan , Preetam Singh “Synthesis, Characterization, and Ionic Conductivity Studies of Simultaneously Substituted K- and Ga-Doped  $\text{BaZrO}_3$ ” ACS Omega 2021, 6, 45, 30327–30334 (SCI, IF-3.512)
3. **Akanksha Yadav**, Rajiv Prakash, Preetam Singh, “ $\text{Bi}^{3+}$  and  $\text{Gd}^{3+}$  co-substituted Cubic Zirconia; ( $\text{Zr}_{1-x-y}\text{Bi}_x\text{Gd}_y\text{O}_{2-\delta}$ ): A novel high k relaxor dielectric and superior oxide-ion conductor” RSC Advances (SCI, IF- 3.42)
4. **Akanksha Yadav**, Preetam Singh “Synthesis, Characterization, and Ionic Conductivity Studies of Simultaneously Substituted K- and Ga-Doped  $\text{SrTiO}_3$ ” (Under Review)

## **International/National Conferences Attended :**

1. 1<sup>st</sup> World Conference on Solid Electrolyte for Advanced Application: Garnet and Competitors” organized by Pondicherry university India during 6-9 September 2017.
2. 3<sup>rd</sup> National Conference on Materials for Energy Conversion and Storage (MECS 2018) by IIT (BHU) Varanasi, India during 18- 20, October 2018.
3. 14<sup>th</sup> European SOFC & SOE Forum, Lucerne Switzerland during 20-23 October 2020.