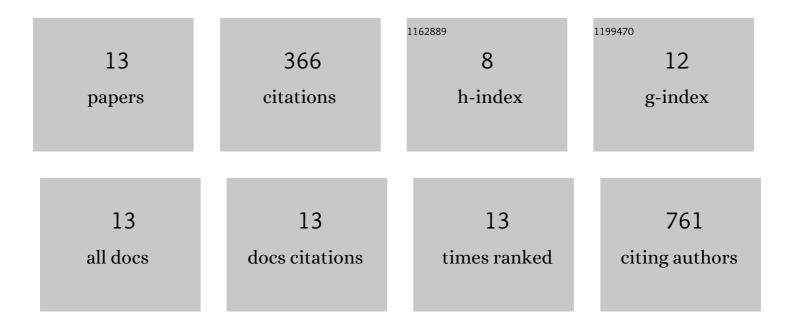
## Philippa M Shepley

List of Publications by Year in descending order

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | One Site, Two Cations, Three Environments: s <sup>2</sup> and s <sup>0</sup> Electronic<br>Configurations Generate Pb-Free Relaxor Behavior in a Perovskite Oxide. Journal of the American<br>Chemical Society, 2021, 143, 1386-1398. | 6.6 | 9         |
| 2  | Pt and CoB trilayer Josephson \$\$pi \$\$ junctions with perpendicular magnetic anisotropy. Scientific Reports, 2021, 11, 11173.  | 1.6 | 2         |
| 3  | Spin-valve Josephson junctions with perpendicular magnetic anisotropy for cryogenic memory. Applied Physics Letters, 2020, 116, 022601.   | 1.5 | 12        |
| 4  | Domain wall contributions to piezoelectricity in relaxor-lead titanate single crystals. Acta Materialia, 2020, 195, 292-303.  | 3.8 | 15        |
| 5  | Effects of poling and crystallinity on the dielectric properties of<br>Pb(In1/2Nb1/2)O3-Pb(Mg1/3Nb2/3)O3-PbTiO3 at cryogenic temperatures. Scientific Reports, 2019, 9, 2442.   | 1.6 | 6         |
| 6  | Magnetic properties, domain-wall creep motion, and the Dzyaloshinskii-Moriya interaction in Pt/Co/Ir<br>thin films. Physical Review B, 2018, 97, .  | 1.1 | 24        |
| 7  | Domain wall energy and strain in Pt/Co/Ir thin films on piezoelectric transducers. Journal of Physics<br>Condensed Matter, 2018, 30, 344002.  | 0.7 | 7         |
| 8  | Effect of interfacial intermixing on the Dzyaloshinskii-Moriya interaction in Pt/Co/Pt. Physical Review<br>B, 2017, 95, .   | 1.1 | 97        |
| 9  | Pinning and hysteresis in the field dependent diameter evolution of skyrmions in Pt/Co/Ir superlattice stacks. Scientific Reports, 2017, 7, 15125.  | 1.6 | 61        |
| 10 | Effect of annealing on the interfacial Dzyaloshinskii-Moriya interaction in Ta/CoFeB/MgO trilayers.<br>Applied Physics Letters, 2016, 109, .  | 1.5 | 41        |
| 11 | Nano- and micro-patterning biotemplated magnetic CoPt arrays. Nanoscale, 2016, 8, 11738-11747.  | 2.8 | 8         |
| 12 | Modification of perpendicular magnetic anisotropy and domain wall velocity in Pt/Co/Pt by voltage-induced strain. Scientific Reports, 2015, 5, 7921.  | 1.6 | 82        |
| 13 | Temperature and magnetic-field driven dynamics in artificial magnetic square ice. , 2015, , .   |     | 2         |