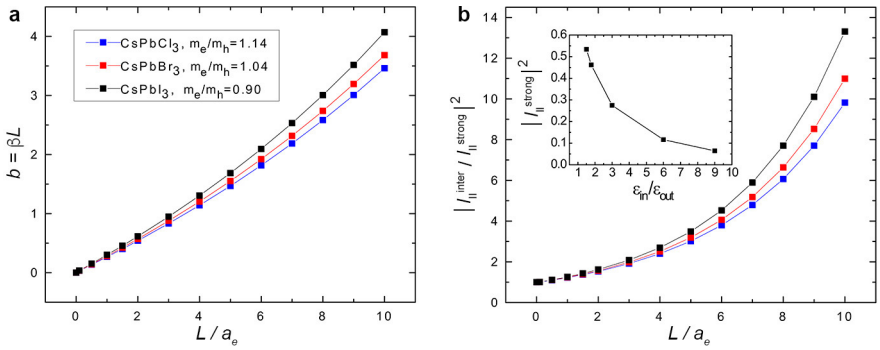

Extended Data Figure 8 | Variational calculations related to the determination of the exciton radiative lifetime in cube-shaped nanocrystals within the intermediate-confinement regime. **a**, **b**, Dimensionless electron–hole correlation constant ($b = \beta L$, where β is the value of the variational parameter that minimizes the energy; **a**) and the square modulus of the ratio of $I_{\|}$ for intermediate and strong confinement (**b**) as a function of the size of the nanocrystal relative to the Bohr radius of an electron (L/a_e), for the three materials studied; m_e and m_h are the electron and hole effective masses, respectively. The inset in **b** shows the square modulus of $I_{\|}$ in the strong-confinement regime for several different dielectric constants, $\varepsilon_{in}/\varepsilon_{out}$. See Supplementary Information section 3.D for details.