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Comparison between photoemitting and colloidal properties of nanodiamond particles

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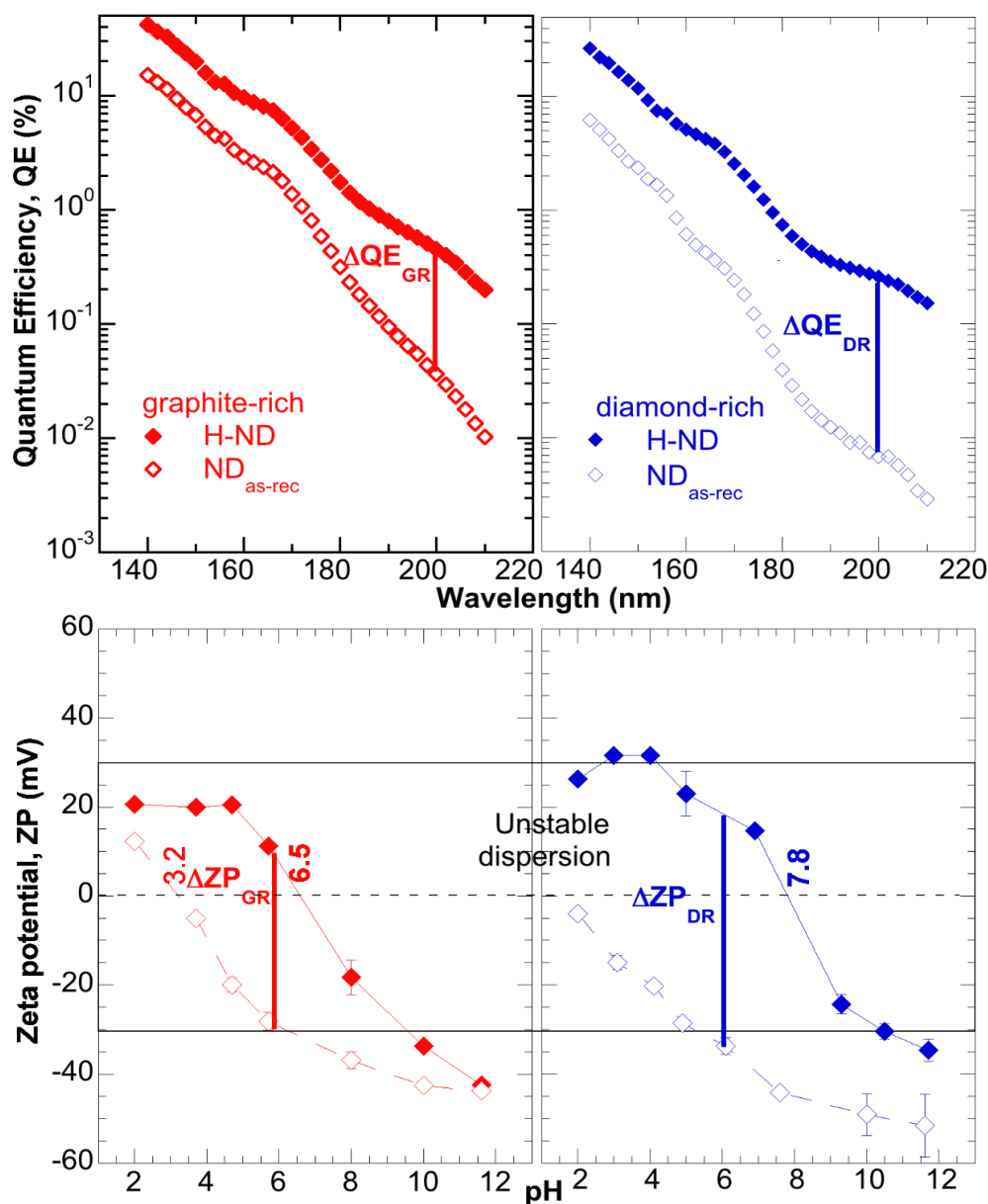
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Graphical Abstract



Highlights

- Study of untreated and hydrogenated rich-diamond and rich-graphite nanodiamond (ND) particles.
- Quantum efficiencies (QE) of ND-based photocathodes measured by photoemission.
- Stabilities of aqueous ND dispersions assessed by zeta potential (ZP).
- Good correlation between the QE of photocathodes and the ZP of ND particles.

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