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| Abstract |  |
| We explore NaV6O15 (NVO) nanorod cathodes prepared by a sol–gel method for aqueous rechargeable zinc-ion battery applications for the first time. The NVO cathode delivers a high capacity of 427 mA h g−1 at 50 mA g−1 current density. Furthermore, based on the mass of the active materials, it exhibits a high energy density of 337 W h kg−1. | |