## APPENDIX A: SUPPLEMENTARY DATA

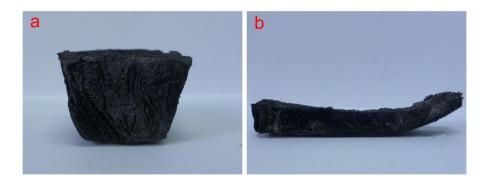


Fig. S1. Photographs of different shapes of aerogels (a) cube (b) ribbon

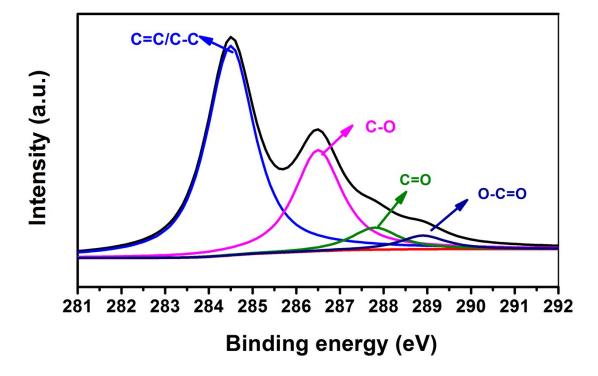
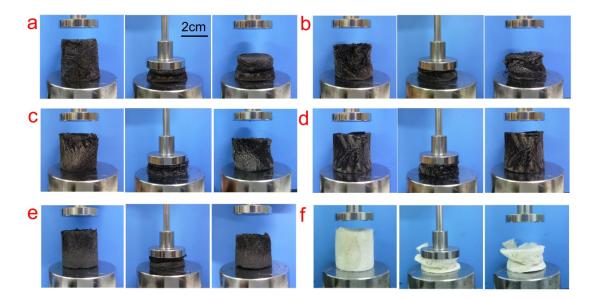
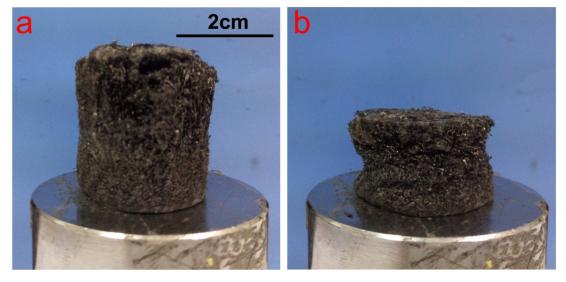


Fig. S2. XPS spetrums of GO



**Fig. S3.** Photographs showing different aerogels under a compressing and releasing cycle. (a) pure-GO aerogel (b-e) rGO/SA-1, rGO/SA-2, rGO/SA-3 and rGO/SA-4 aerogels (f) pure-SA aerogel.



**Fig. S4.** Photographs of pure-rGO aerogel before (a) and after (b) 10 compression cycles at 50% strain