

# SCIENTIFIC REPORTS

## OPEN **Erratum:** Vectorized magnetometer for space applications using electrical readout of atomic scale defects in silicon carbide

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This Article contains a typographical error. In the Results section, under the subheading “SiC Sensor”

“These intermediate coupled pair states can be described by the singlet-triplet basis: the symmetric triplet states,  $T_+ = |\uparrow\uparrow\rangle$ ,  $T_0 = (|\uparrow\downarrow\rangle + |\downarrow\uparrow\rangle)/\sqrt{2}$ , and  $T_- = |\downarrow\downarrow\rangle$ , each having spin angular momentum  $S = 1$  with  $m_s = +1, 0, -1$  respectively or the anti-symmetric singlet state,  $S_0 = (|\uparrow\downarrow\rangle - |\downarrow\uparrow\rangle)/\sqrt{2}$  which has spin angular momentum  $S = 0$  with  $m_s = 0$ ”.

should read:

“These intermediate coupled pair states can be described by the singlet-triplet basis: the symmetric triplet states,  $T_+ = |\uparrow\uparrow\rangle$ ,  $T_0 = (|\uparrow\downarrow\rangle + |\downarrow\uparrow\rangle)/\sqrt{2}$ , and  $T_- = |\downarrow\downarrow\rangle$ , each having spin angular momentum  $S = 1$  with  $m_s = +1, 0, -1$  respectively or the anti-symmetric singlet state,  $S_0 = (|\uparrow\downarrow\rangle - |\downarrow\uparrow\rangle)/\sqrt{2}$  which has spin angular momentum  $S = 0$  with  $m_s = 0$ ”.



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