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# Correction: Theoretical study and design of multifunctional phosphorescent platinum(II) complexes containing triarylboron moieties for efficient OLED emitters

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 Correction for 'Theoretical study and design of multifunctional phosphorescent platinum(II) complexes containing triarylboron moieties for efficient OLED emitters' by Yong Wu *et al.*, *Phys. Chem. Chem. Phys.*, 2015, DOI: 10.1039/c4cp04919e.

The authors regret that some values of the transition dipole moments,  $\mu(S_n)$ , in Table 6 of the article are incorrect. The revised version of Table 6 is as shown below. The corrections of  $\mu(S_n)$  have no effect on the other calculations, discussions and conclusions.

**Table 6** Transition dipole moments  $\mu(S_n)$  [Debye] for  $S_0-S_n$  transitions, singlet-triplet splitting energies  $\Delta E(S_n-T_1)$  [eV] and the SOC matrix elements  $\langle T_1 | H_{SOC} | S_n \rangle$  [ $\text{cm}^{-1}$ ] of **1–6** at their respective  $T_1$  optimized geometries obtained from SOC-TD-B3LYP + COSMO calculations in  $\text{CH}_2\text{Cl}_2$  solution

$S_n$	1			2			3		
	$\mu(S_n)$	$\Delta E(S_n-T_1)$	$\langle T_1   H_{SOC}   S_n \rangle$	$\mu(S_n)$	$\Delta E(S_n-T_1)$	$\langle T_1   H_{SOC}   S_n \rangle$	$\mu(S_n)$	$\Delta E(S_n-T_1)$	$\langle T_1   H_{SOC}   S_n \rangle$
$S_1$	3.58	0.423	36.6	6.68	0.419	2.28	6.03	0.383	17.6
$S_2$	2.37	0.875	349	1.42	0.990	106	1.82	0.682	144
$S_3$	1.32	0.919	145	1.83	1.275	86.5	2.09	0.995	127
$S_4$	1.00	1.041	215	0.53	1.289	76.2	1.23	1.051	24.0
$S_5$	0.66	1.070	739	0.78	1.402	76.4	1.04	1.194	373
$S_6$	1.76	1.128	132	0.44	1.439	276	1.90	1.262	40.3

  

$S_n$	4			5			6		
	$\mu(S_n)$	$\Delta E(S_n-T_1)$	$\langle T_1   H_{SOC}   S_n \rangle$	$\mu(S_n)$	$\Delta E(S_n-T_1)$	$\langle T_1   H_{SOC}   S_n \rangle$	$\mu(S_n)$	$\Delta E(S_n-T_1)$	$\langle T_1   H_{SOC}   S_n \rangle$
$S_1$	2.87	0.539	37.3	3.64	0.457	28.4	2.01	0.348	143
$S_2$	4.76	0.742	33.4	1.67	0.690	297	3.04	0.519	273
$S_3$	0.19	0.843	45.0	1.68	0.897	82.8	0.67	0.832	952
$S_4$	3.15	1.051	25.3	1.73	1.008	97.9	0.59	0.972	168
$S_5$	0.72	1.438	136	1.63	1.088	340	1.52	0.998	33.0
$S_6$	1.66	1.564	43.2	0.82	1.104	650	2.38	1.096	129

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

