Table S1 The comparison of cumulative •OH/Fe by different Fe-containing material.

Samples	Dosage (g/L)	•OH concentration (μM)	Fe content (mM)	Index	Ref.
Biotite	2	0	5.07	0	26
Farmland	200	150	68.0	2.21	26
Fe_3O_4	1	0	4.3	0	26
FeS_2	1	0.20	8.93	0.13	27
$FeCO_3$	1	20.2	8.93	2.26	27
nZVI	1	1.10	8.93	0.12	27
rNAu-2	0.5	10.6	813	0.01	28
Fe/C-250V composite	1	3.80	1.40	2.71	This work

The index was evaluated as the cumulative •OH divided by the mass of the Fe-containing material.