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[Supporting Information]

Mechanistic Study on the Photocatalytic Degradation of Rhodamine B via Mn-Schiff-base-modified Keggin-type polyoxometalate composite materials

Chang Man^a, Chunpeng Xu^b, Jinfeng Wang^b, Xiangli Li^b, Tong Li^b, Yanhua Ma^b, Yongfeng Qiao*^b and Qiong Wu*^b

- Corresponding authors
- a School of Physical Science and Technology, Kunming University, No.2 Pu Xin Road, Economic and Technological Development Zone, Kunming, Yunnan Province, China, 650214
- b School of Chemistry and Chemical Engineering, Kunming University, No.2 Pu Xin Road, Economic and Technological Development Zone, Kunming, Yunnan Province, China, 650214 Email: giaoyongfengkum@163.com, wuqiongkm@163.com

a. Address here.

b. Address here.

^{c.} Address here.

[†] Footnotes relating to the title and/or authors should appear here. Supplementary Information available: [details of any supplementary information available should be included here]. See DOI: 10.1039/x0xx00000x

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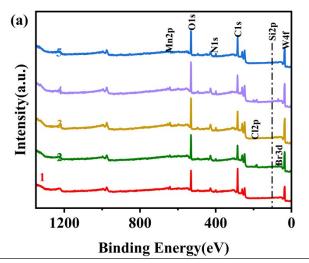


Fig. S1 XRD patterns of compounds 1-5.

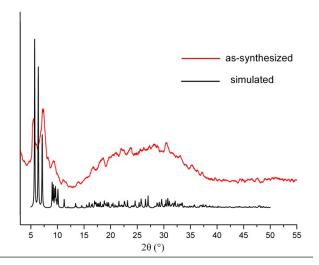
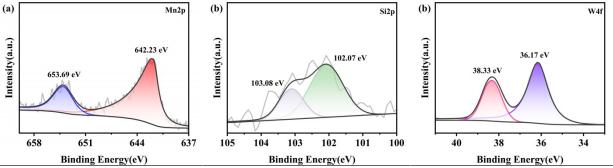


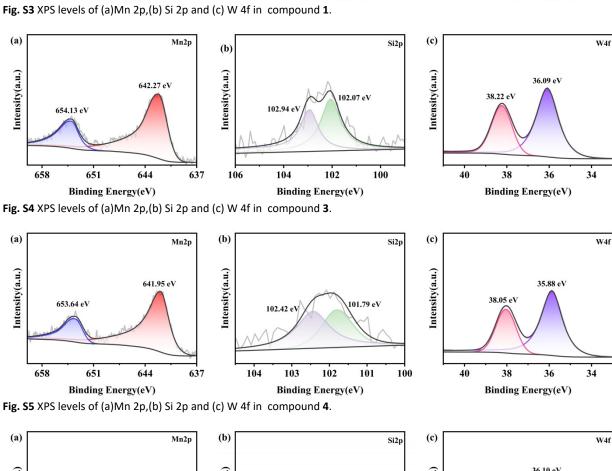
Fig. S2 PXRD patterns of compound $\mathbf{1}^{14}$.

Table S1 Mass fractions of C, N, Mn and W for compounds 1-5.

Compounds -	Experimental value/wt %				Calculated value/wt %							
					without solvent				with solvent			
	С	N	Mn	W	С	N	Mn	W	С	N	Mn	W
1	17.53	2.59	5.04	50.41	18.48	2.69	5.28	53.04	17.62	2.57	5.04	50.58
2	14.69	2.16	4.22	42.29	16.05	2.34	4.59	46.05	14.74	2.15	4.21	42.28
3	16.43	2.41	4.69	47.22	17.33	2.53	4.96	49.75	16.52	2.41	4.73	47.43
4	19.15	2.61	4.89	48.98	20.25	2.62	5.14	51.65	19.21	2.49	4.88	49.00
5	28.21	2.11	4.16	41.45	30.40	2.22	4.35	43.63	28.80	2.10	4.12	41.34

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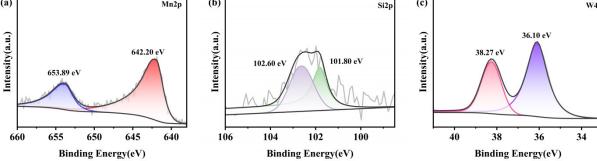


Fig. S6 XPS levels of (a)Mn 2p,(b) Si 2p and (c) W 4f in compound 5.

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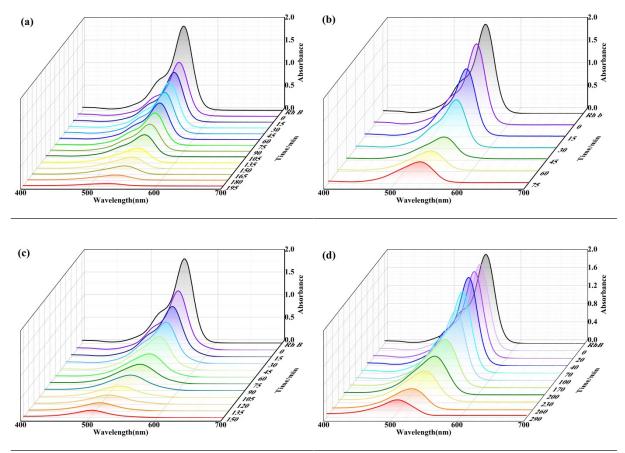


Fig. S7 Photocatalytic degradation of RhB by (a) compound 1 and (b-d) compounds 3-5.