



Prof. Ma obtained his bachelor's and master's degrees from Fudan University, China. He earned his doctoral degree in 2006 from the University of California, Santa Barbara, under the guidance of Prof. Alan J. Heeger (Nobel Laureate). From 2007 to 2010, he served as a postdoctoral researcher at the University of California, Berkeley, and Lawrence Berkeley National Laboratory, working under the mentorship of Prof. Paul Alivisatos.

Since 2005, Prof. Ma has authored over 190 peer-reviewed papers, including publications in high-impact journals such as Nat. Mater. (1), Nat. Commun. (3), Joule (2), Adv. Mater. (21), JACS (2), Angew. Chem. Int. Ed. (4), Nano Lett. (4), Adv. Energy Mater. (8), Adv. Funct. Mater. (11), ACS Nano (3), and ACS Energy Letters (7). His research has garnered over 25,000 citations, and he has achieved an H-index of approximately 60. He was recognized as one of the 'Most Cited Chinese Researchers' by Elsevier from 2014 to 2023. In addition to his research contributions, Prof. Ma has directed more than 15 funding projects, including National Key Projects, "863" Projects, and NSFC Projects.

Selected Publications

- 1. W. Ma* et al., Adv. Mater. 2023, 35, 2207293.
- 2. W. Ma* et al., Adv. Mater. 2023, 35, 2212184.
- 3. W. Ma* et al., Adv. Mater. 2023, 35, 2301604.
- 4. W. Ma* et al., Angew. Chem., Int. Ed. 2023, 62, 202300396.
- 5. W. Ma* et al., Angew. Chem., Int. Ed. 2023, 62, e202214.
- 6. W. Ma* et al., Adv. Mater. 2022, 35, 2206047.
- 7. W. Ma* et al., Adv. Mater. 2022, 34, 2106280.
- 8. W. Ma* et al., Adv. Mater. 2021, 33, 2101295.
- 9. W. Ma* et al., Angew. Chem., Int. Ed. 2021, 133, 27505-27512.
- 10. W. Ma* et al., Nat. Commun. 2021, 12, 1-12.