

# Bangchao Zhong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/588736/publications.pdf>

Version: 2024-02-01

9  
papers

314  
citations

1163117  
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1474206  
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all docs

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docs citations

9  
times ranked

302  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | A high-performance, thermal and electrical conductive elastomer composite based on Ti <sub>3</sub> C <sub>2</sub> MXene. Composites Part A: Applied Science and Manufacturing, 2021, 145, 106292.                           | 7.6 | 28        |
| 2 | Effects of modified silica on the co-cure vulcanization kinetics and mechanical performances of natural rubber/styrene-butadiene rubber blends. Journal of Applied Polymer Science, 2020, 137, 48838.                       | 2.6 | 7         |
| 3 | Immobilization of rubber additive on graphene for high-performance rubber composites. Journal of Colloid and Interface Science, 2019, 550, 190-198.   | 9.4 | 24        |
| 4 | <i>In situ</i> fabrication of graphene oxide supported nano silica for the preparation of rubber composites with high mechanical strength and thermal conductivity. Polymer Composites, 2019, 40, E1633.                    | 4.6 | 9         |
| 5 | One-pot method to reduce and functionalize graphene oxide via vulcanization accelerator for robust elastomer composites with high thermal conductivity. Composites Science and Technology, 2018, 164, 267-273.              | 7.8 | 24        |
| 6 | Enhancing interfacial interaction and mechanical properties of styrene-butadiene rubber composites via silica-supported vulcanization accelerator. Composites Part A: Applied Science and Manufacturing, 2017, 96, 129-136. | 7.6 | 55        |
| 7 | Simultaneous reduction and functionalization of graphene oxide via antioxidant for highly aging resistant and thermal conductive elastomer composites. Composites Science and Technology, 2017, 151, 156-163.               | 7.8 | 58        |
| 8 | Preparation of halloysite nanotubes supported 2-mercaptobenzimidazole and its application in natural rubber. Composites Part A: Applied Science and Manufacturing, 2015, 73, 63-71.   | 7.6 | 62        |
| 9 | Reinforcement and reinforcing mechanism of styrene-butadiene rubber by antioxidant-modified silica. Composites Part A: Applied Science and Manufacturing, 2015, 78, 303-310.  | 7.6 | 47        |