

Yongzhong Jin

List of Publications by Year in descending order

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18
papers

162
citations

1163117

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18
docs citations

18
times ranked

180
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | In vitro studying corrosion behavior of porous titanium coating in dynamic electrolyte. <i>Materials Science and Engineering C</i> , 2017, 70, 1071-1075. | 7.3 | 28 |
| 2 | Phase and microstructure evolution during the synthesis of WC nanopowders via thermal processing of the precursor. <i>Powder Technology</i> , 2012, 217, 482-485. | 4.2 | 20 |
| 3 | Phase evolution in the synthesis of WC-Co-Cr ₃ C ₂ -VC nanocomposite powders from precursors. <i>International Journal of Refractory Metals and Hard Materials</i> , 2013, 41, 169-173. | 3.8 | 17 |
| 4 | Mechanical properties and microstructure characterization of natural rubber reinforced by helical carbon nanofibers. <i>Journal of Materials Science</i> , 2019, 54, 12962-12971. | 3.7 | 16 |
| 5 | Low-temperature synthesis and characterization of helical carbon fibers by one-step chemical vapour deposition. <i>Applied Surface Science</i> , 2015, 324, 438-442. | 6.1 | 15 |
| 6 | Helical carbon nanofibers modified with Fe ₂ O ₃ as a high performance anode material for lithium-ion batteries. <i>Dalton Transactions</i> , 2021, 50, 5819-5827. | 3.3 | 12 |
| 7 | Controllable preparation of helical carbon nanofibers by CCVD method and their characterization. <i>Materials Research Express</i> , 2018, 5, 015601. | 1.6 | 11 |
| 8 | Grafting of silica nanoparticles on incompletely-graphitized HCNFs for application in bound rubber. <i>Chemical Physics Letters</i> , 2019, 717, 124-129. | 2.6 | 10 |
| 9 | A novel TiO ₂ nanoparticle-decorated helical carbon nanofiber composite as an anode material for sodium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2021, 901, 115765. | 3.8 | 8 |
| 10 | Improved mechanical properties of natural rubber composites reinforced by novel SiO ₂ @HCNFs nanofillers at a low filler loading. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49225. | 2.6 | 6 |
| 11 | TOPOGRAPHICAL EVOLUTION OF MAGNETRON SPUTTERING Ti THIN FILMS DURING OXIDATION OBSERVED BY AFM. <i>Surface Review and Letters</i> , 2011, 18, 61-69. | 1.1 | 4 |
| 12 | First synthesis of Cr ₃ C ₂ nanowhiskers by low-temperature vacuum carburization from precursor. <i>Materials Chemistry and Physics</i> , 2016, 179, 1-4. | 4.0 | 4 |
| 13 | Improvement of the thermal and mechanical properties of nature rubber composites by helical carbon nanofibers/ZnO hybrid. <i>Journal of Materials Science</i> , 2022, 57, 1098-1110. | 3.7 | 3 |
| 14 | C/Sn deposition on a helical carbon nanofiber matrix as a high performance anode for lithium-ion batteries. <i>New Journal of Chemistry</i> , 2022, 46, 8765-8772. | 2.8 | 3 |
| 15 | INITIAL GROWTH PROCESS OF MAGNETRON SPUTTERING 321 STAINLESS STEEL FILMS OBSERVED BY AFM. <i>Surface Review and Letters</i> , 2007, 14, 1053-1059. | 1.1 | 2 |
| 16 | Nano-TiO ₂ anchored carbon nanohelices as reinforcing/anti-aging filler for styrene-butadiene rubber. <i>Materials Chemistry and Physics</i> , 2022, 285, 126119. | 4.0 | 2 |
| 17 | A green phenolic resin/needle coke scrap-based carbon/carbon composite as anode material for lithium-ion batteries. <i>Ionics</i> , 2021, 27, 5079-5087. | 2.4 | 1 |
| 18 | STUDY ON NANOMORPHOLOGY OF HIGH-STRUCTURE CARBON BLACK AND ITS BOUND RUBBER BY AFM. <i>Surface Review and Letters</i> , 2012, 19, 1250003. | 1.1 | 0 |