

Zhiqiang Pei

List of Publications by Year in descending order

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8
papers

2,038
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

2108
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | A long-term stable and environmental friendly self-healing coating with polyaniline/sodium alginate microcapsule structure for corrosion protection of water-delivery pipelines. <i>Chemical Engineering Journal</i> , 2019, 358, 379-388. | 12.7 | 91 |
| 2 | A durable monolithic polymer foam for efficient solar steam generation. <i>Chemical Science</i> , 2018, 9, 623-628. | 7.4 | 235 |
| 3 | Multi-stimuli responsive and multi-functional oligoaniline-modified vitrimers. <i>Chemical Science</i> , 2017, 8, 724-733. | 7.4 | 178 |
| 4 | Vitrification and plastic flow in transient elastomer networks. <i>Polymer</i> , 2016, 95, 45-51. | 3.8 | 37 |
| 5 | Regional Shape Control of Strategically Assembled Multishape Memory Vitrimers. <i>Advanced Materials</i> , 2016, 28, 156-160. | 21.0 | 213 |
| 6 | Making and Remaking Dynamic 3D Structures by Shining Light on Flat Liquid Crystalline Vitrimer Films without a Mold. <i>Journal of the American Chemical Society</i> , 2016, 138, 2118-2121. | 13.7 | 334 |
| 7 | Mouldable liquid-crystalline elastomer actuators with exchangeable covalent bonds. <i>Nature Materials</i> , 2014, 13, 36-41. | 27.5 | 670 |
| 8 | Carbon nanotubeâ€“vitrimer composite for facile and efficient photo-welding of epoxy. <i>Chemical Science</i> , 2014, 5, 3486-3492. | 7.4 | 258 |