

# Rui Shen

## List of Publications by Year in descending order

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8  
papers

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1162367  
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561  
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| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Synthesis and Characterization of Polyhydroxyalkanoate Organo/Hydrogels. <i>Biomacromolecules</i> , 2019, 20, 3303-3312.   | 2.6 | 19        |
| 2 | Manipulation of polyhydroxyalkanoate granular sizes in <i>Halomonas bluephagenesis</i> . <i>Metabolic Engineering</i> , 2019, 54, 117-126.   | 3.6 | 56        |
| 3 | Promoter Engineering for Enhanced P(3HB-co-4HB) Production by <i>Halomonas bluephagenesis</i> . <i>ACS Synthetic Biology</i> , 2018, 7, 1897-1906.   | 1.9 | 95        |
| 4 | Semirational Approach for Ultrahigh Poly(3-hydroxybutyrate) Accumulation in <i>Escherichia coli</i> by Combining One-Step Library Construction and High-Throughput Screening. <i>ACS Synthetic Biology</i> , 2016, 5, 1308-1317. | 1.9 | 66        |
| 5 | Engineering the bacterial shapes for enhanced inclusion bodies accumulation. <i>Metabolic Engineering</i> , 2015, 29, 227-237.   | 3.6 | 113       |
| 6 | Production of poly(3-hydroxypropionate) and poly(3-hydroxybutyrate-co-3-hydroxypropionate) from glucose by engineering <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2015, 29, 189-195.                               | 3.6 | 45        |
| 7 | Benzene containing polyhydroxyalkanoates homo- and copolymers synthesized by genome edited <i>Pseudomonas entomophila</i> . <i>Science China Life Sciences</i> , 2014, 57, 4-10.   | 2.3 | 48        |
| 8 | Engineering the diversity of polyesters. <i>Current Opinion in Biotechnology</i> , 2014, 29, 24-33.  | 3.3 | 122       |