# Hongbin Li

List of Publications by Year
in descending order



| 23 | 1,033 | 516215 16 | 642321 23 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 23 | 23 | 23 | 1401 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Recent Progress in Flax Fiber-Based Functional Composites. Advanced Fiber Materials, 2022, 4, 171-184. | 7.9 | 20 |
| 2 | N, O-carboxymethyl chitosan/oxidized cellulose composite sponge containing Îµ-poly-l-lysine as a potential wound dressing for the prevention and treatment of postoperative adhesion. International Journal of Biological Macromolecules, 2022, 209, 2151-2164. | 3.6 | 21 |
| 3 | Target receptor identification and subsequent treatment of resected brain tumors with encapsulated and engineered allogeneic stem cells. Nature Communications, 2022, 13, 2810. | 5.8 | 10 |
| 4 | Improvement of <scp>PVDF</scp> composite membrane performance by using nanocrystals cellulose from waste pineapple leaf and <scp>gâ€C<sub>3</sub>N<sub>4</sub></scp>. Journal of Applied Polymer Science, 2022, 139, . | 1.3 | 1 |
| 5 | Injectable, self-healing, antibacterial, and hemostatic N,O-carboxymethyl chitosan/oxidized chondroitin sulfate composite hydrogel for wound dressing. Materials Science and Engineering C, 2021, 118, 111324. | 3.8 | 111 |
| 6 | Facile synthesis of a carbon dots and silver nanoparticles (CDs/AgNPs) composite for antibacterial application. RSC Advances, 2021, 11, 18417-18422. | 1.7 | 29 |
| 7 | 3D human nonalcoholic hepatic steatosis and fibrosis models. Bio-Design and Manufacturing, 2021, 4, 157-170. | 3.9 | 20 |
| 8 | Antibacterial, hemostasis, adhesive, self-healing polysaccharides-based composite hydrogel wound dressing for the prevention and treatment of postoperative adhesion. Materials Science and Engineering C, 2021, 123, 111978. | 3.8 | 37 |
| 9 | Antimicrobial Surgical Sutures: Fabrication and Application of Infection Prevention and Wound Healing. Fibers and Polymers, 2021, 22, 2355-2367. | 1.1 | 4 |
| 10 | Freezeâ€Casting with 3Dâ€Printed Templates Creates Anisotropic Microchannels and Patterned Macrochannels within Biomimetic Nanofiber Aerogels for Rapid Cellular Infiltration. Advanced Healthcare Materials, 2021, 10, e2100238. | 3.9 | 33 |
| 11 | A Smartphoneâ€Enabled Portable Digital Light Processing 3D Printer. Advanced Materials, 2021, 33, e2102153. | 11.1 | 45 |
| 12 | Handheld bioprinting strategies for in situ wound dressing. Essays in Biochemistry, 2021, 65, 533-543. | 2.1 | 12 |
| 13 | A Smartphoneâ€Enabled Portable Digital Light Processing 3D Printer (Adv. Mater. 35/2021). Advanced Materials, 2021, 33, 2170271. | 11.1 | 1 |
| 14 | Preparation, characterization, antibacterial properties and hydrophobic evaluation of SiO<sub>2</sub>/Ag nanosol coated cotton/linen fabric. Journal of the Textile Institute, 2020, 111, 75-83. | 1.0 | 5 |
| 15 | Complexation-induced resolution enhancement of 3D-printed hydrogel constructs. Nature Communications, 2020, 11, 1267. | 5.8 | 158 |
| 16 | Fabrication of paper-based devices for in vitro tissue modeling. Bio-Design and Manufacturing, 2020, 3, 252-265. | 3.9 | 11 |
| 17 | Expanding sacrificially printed microfluidic channel-embedded paper devices for construction of volumetric tissue models in vitro. Biofabrication, 2020, 12, 045027. | 3.7 | 20 |
| 18 | Manufacturing and physical characterization of absorbable oxidized regenerated cellulose braided surgical sutures. International Journal of Biological Macromolecules, 2019, 134, 56-62. | 3.6 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Generation of Cost-Effective Paper-Based Tissue Models through Matrix-Assisted Sacrificial 3D Printing. Nano Letters, 2019, 19, 3603-3611. | 4.5 | 45 |
| 20 | Green Synthesis of Fluorescent Carbon Dots from Gynostemma for Bioimaging and Antioxidant in Zebrafish. ACS Applied Materials & Interfaces, 2019, 11, 9832-9840. | 4.0 | 168 |
| 21 | Biodegradable N, O-carboxymethyl chitosan/oxidized regenerated cellulose composite gauze as a barrier for preventing postoperative adhesion. Carbohydrate Polymers, 2019, 207, 180-190. | 5.1 | 70 |
| 22 | Preparation and Characterization of 2,2,6,6-Tetramethylpiperidine-1-oxyl (TEMPO)-Oxidized Cellulose Nanocrystal/Alginate Biodegradable Composite Dressing for Hemostasis Applications. ACS Sustainable Chemistry and Engineering, 2017, 5, 3819-3828. | 3.2 | 158 |
| 23 | Preparation, characterization, antibacterial properties, and hemostatic evaluation of ibuprofenâ€loaded chitosan/gelatin composite films. Journal of Applied Polymer Science, 2017, 134, 45441. | 1.3 | 35 |