

# Junhua Wei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/539679/publications.pdf>

Version: 2024-02-01

18  
papers

670  
citations

758635

12  
h-index

887659

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1228  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Thermal-Recoverable Tough Hydrogels Enhanced by Porphyrin Decorated Graphene Oxide. <i>Nanomaterials</i> , 2019, 9, 1487.   | 1.9 | 7         |
| 2  | Tough and Fatigue-Resistant Hydrogels with Triple Interpenetrating Networks. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-15.  | 1.5 | 5         |
| 3  | Ultrasensitive Wearable Strain Sensors of 3D Printing Tough and Conductive Hydrogels. <i>Polymers</i> , 2019, 11, 1873.   | 2.0 | 30        |
| 4  | Porphyrin Immobilized Nanographene Oxide for Enhanced and Targeted Photothermal Therapy of Brain Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1357-1366.                  | 2.6 | 60        |
| 5  | Facile Synthesis of Tough Double Network Hydrogel. <i>MRS Advances</i> , 2016, 1, 1953-1958.  | 0.5 | 7         |
| 6  | Thermal kinetics and thermo-mechanical properties of graphene integrated fluoroelastomer. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 1691-1700.                     | 2.4 | 7         |
| 7  | Efficient photothermal therapy of brain cancer through porphyrin functionalized graphene oxide. <i>New Journal of Chemistry</i> , 2015, 39, 5743-5749.  | 1.4 | 84        |
| 8  | Tough and fully recoverable hydrogels. <i>Journal of Materials Chemistry B</i> , 2015, 3, 5284-5290.  | 2.9 | 35        |
| 9  | Ion-linked double-network hydrogel with high toughness and stiffness. <i>Journal of Materials Science</i> , 2015, 50, 5458-5465.  | 1.7 | 59        |
| 10 | Ratio-metric sensor to detect riboflavin via fluorescence resonance energy transfer with ultrahigh sensitivity. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2015, 72, 17-24. | 1.3 | 46        |
| 11 | Thermo- and pH-responsive fluorescence behaviors of sulfur-functionalized detonation nanodiamond-poly(N-isopropylacrylamide). <i>Colloid and Polymer Science</i> , 2015, 293, 1299-1305.        | 1.0 | 23        |
| 12 | A shape healable tough hydrogel. <i>New Journal of Chemistry</i> , 2015, 39, 8461-8466.   | 1.4 | 14        |
| 13 | 3D printing of an extremely tough hydrogel. <i>RSC Advances</i> , 2015, 5, 81324-81329.   | 1.7 | 97        |
| 14 | Imitation proteoglycans improve toughness of double network hydrogels. <i>Materials Chemistry and Physics</i> , 2015, 166, 66-72.   | 2.0 | 7         |
| 15 | Unveil the Fluorescence of Carbon Quantum Dots. <i>Advanced Engineering Materials</i> , 2015, 17, 138-142.  | 1.6 | 22        |
| 16 | Novel fluorescence resonance energy transfer optical sensors for vitamin B <sub>12</sub> detection using thermally reduced carbon dots. <i>New Journal of Chemistry</i> , 2015, 39, 501-507.    | 1.4 | 118       |
| 17 | Graphene oxide-integrated high-temperature durable fluoroelastomer for petroleum oil sealing. <i>Composites Science and Technology</i> , 2014, 92, 126-133.                                     | 3.8 | 49        |
| 18 | Using Hydrothermal Method to Prepare Reduced Graphene-Hemin Electrochemical Biosensor for Tyrosine Detection. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1505, 1.           | 0.1 | 0         |