

Junhua Wei

List of Publications by Year in descending order

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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	Novel fluorescence resonance energy transfer optical sensors for vitamin B ₁₂ detection using thermally reduced carbon dots. <i>New Journal of Chemistry</i> , 2015, 39, 501-507.	1.4	118
2	3D printing of an extremely tough hydrogel. <i>RSC Advances</i> , 2015, 5, 81324-81329.	1.7	97
3	Efficient photothermal therapy of brain cancer through porphyrin functionalized graphene oxide. <i>New Journal of Chemistry</i> , 2015, 39, 5743-5749.	1.4	84
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	Ion-linked double-network hydrogel with high toughness and stiffness. <i>Journal of Materials Science</i> , 2015, 50, 5458-5465.	1.7	59
6	Graphene oxide-integrated high-temperature durable fluoroelastomer for petroleum oil sealing. <i>Composites Science and Technology</i> , 2014, 92, 126-133.	3.8	49
7	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
8	Tough and fully recoverable hydrogels. <i>Journal of Materials Chemistry B</i> , 2015, 3, 5284-5290.	2.9	35
9	Ultrasensitive Wearable Strain Sensors of 3D Printing Tough and Conductive Hydrogels. <i>Polymers</i> , 2019, 11, 1873.	2.0	30
10	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
11	Unveil the Fluorescence of Carbon Quantum Dots. <i>Advanced Engineering Materials</i> , 2015, 17, 138-142.	1.6	22
12	A shape healable tough hydrogel. <i>New Journal of Chemistry</i> , 2015, 39, 8461-8466.	1.4	14
13	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
14	Imitation proteoglycans improve toughness of double network hydrogels. <i>Materials Chemistry and Physics</i> , 2015, 166, 66-72.	2.0	7
15	Facile Synthesis of Tough Double Network Hydrogel. <i>MRS Advances</i> , 2016, 1, 1953-1958.	0.5	7
16	Thermal-Recoverable Tough Hydrogels Enhanced by Porphyrin Decorated Graphene Oxide. <i>Nanomaterials</i> , 2019, 9, 1487.	1.9	7
17	Tough and Fatigue-Resistant Hydrogels with Triple Interpenetrating Networks. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-15.	1.5	5
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