

Dapeng Li

List of Publications by Year in descending order

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16
papers

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1040056

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516
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#	ARTICLE	IF	CITATIONS
1	Dual Ionically Cross-linked Double-Network Hydrogels with High Strength, Toughness, Swelling Resistance, and Improved 3D Printing Processability. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31198-31207.	8.0	165
2	High strength and antibacterial polyelectrolyte complex CS/HS hydrogel films for wound healing. <i>Soft Matter</i> , 2019, 15, 7686-7694.	2.7	34
3	Blue Light Initiated Photopolymerization: Kinetics and Synthesis of Superabsorbent and Robust Poly(<i>N,N</i> -dimethylacrylamide/Sodium Acrylate) Hydrogels. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 9266-9275.	3.7	14
4	Super Bulk and Interfacial Toughness of Amylopectin Reinforced PAAm/PVA Double-Network Hydrogels via Multiple Hydrogen Bonds. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 1900450.	3.6	14
5	Study of thermal-sensitive alginate-Ca ²⁺ /poly(<i>N</i> -isopropylacrylamide) hydrogels supported by cotton fabric for wound dressing applications. <i>Textile Research Journal</i> , 2019, 89, 801-813.	2.2	13
6	High-strength, thermosensitive double network hydrogels with antibacterial functionality. <i>Soft Matter</i> , 2021, 17, 6688-6696.	2.7	13
7	Agar/PAAc-Fe ³⁺ hydrogels with pH-sensitivity and high toughness using dual physical cross-linking. <i>Iranian Polymer Journal (English Edition)</i> , 2018, 27, 829-840.	2.4	11
8	Influence of Ethylene Glycol Methacrylate to the Hydration and Transition Behaviors of Thermo-Responsive Interpenetrating Polymeric Network Hydrogels. <i>Polymers</i> , 2018, 10, 128.	4.5	10
9	Programmed Transformations of Strong Polyvinyl Alcohol/Sodium Alginate Hydrogels via Ionic Crosslink Lithography. <i>Macromolecular Rapid Communications</i> , 2020, 41, 2000127.	3.9	10
10	Photoinitiation mechanisms and photogelation kinetics of blue light induced polymerization of acrylamide with bicomponent photoinitiators. <i>Journal of Polymer Science</i> , 2021, 59, 567-577.	3.8	10
11	An inexpensive and ultra-low power sensor node for wireless health monitoring system. , 2015, , .		9
12	Highly stretchable, tough, and self-recoverable and self-healable dual physically crosslinked hydrogels with synergistic soft and hard networks. <i>Polymer Engineering and Science</i> , 2019, 59, 145-154.	3.1	9
13	Dityrosine-inspired photocrosslinking technique for 3D printing of silk fibroin-based composite hydrogel scaffolds. <i>Soft Matter</i> , 2022, 18, 3705-3712.	2.7	7
14	Blue Light Induced Photopolymerization and Cross-Linking Kinetics of Poly(acrylamide) Hydrogels. <i>Langmuir</i> , 2020, 36, 11676-11684.	3.5	5
15	Effect of Shear Angle and Printing Orientation on Shear Constitutive Response of Additively Manufactured Acrylonitrile Butadiene Styrene. <i>Polymers</i> , 2022, 14, 2484.	4.5	1
16	A constant shear stress strategy for establishing in situ viscosity models of photoinduced polymerization of acrylamide. <i>Journal of Polymer Science</i> , 2021, 59, 1686-1700.	3.8	0