

# Shiwei

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

205  
citations

1163117

8  
h-index

1058476

14  
g-index

18  
all docs

18  
docs citations

18  
times ranked

277  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Method for Preparing Poly(vinyl alcohol) Hydrogels: Preparation, Characterization, and Application. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 7971-7976.	3.7	46
2	Effect of mold temperature on the structures and mechanical properties of micro-injection molded polypropylene. <i>Materials and Design</i> , 2015, 88, 245-251.	7.0	37
3	Non-isothermal crystallization kinetics of polypropylene/polytetrafluoroethylene fibrillated composites. <i>Journal of Materials Science</i> , 2021, 56, 3562-3575.	3.7	25
4	Improved processability and performance of biomedical devices with poly(lactic acid)/poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.6	15
5	Bioinspired catecholic activation of marine chitin for immobilization of Ag nanoparticles as recyclable pollutant nanocatalysts. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 220-229.	9.4	15
6	Effect of morphology designing on the structure and properties of PLA/PEG/ABS blends. <i>Colloid and Polymer Science</i> , 2016, 294, 1779-1787.	2.1	14
7	Preparation, structure, and properties of poly(ethyleneoxide)/lignin composites used for UV absorption. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48593.	2.6	12
8	Palladacycleâ€Catalyzed Carbonylation of Aryl Iodides or Bromides with Aryl Formates. <i>Chinese Journal of Chemistry</i> , 2013, 31, 1488-1494.	4.9	10
9	Preparation of <scp>PVA</scp>/<scp>PAM</scp>/Ag strain sensor via compound gelation. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51883.	2.6	8
10	Oxidative acylation of $\hat{1},\hat{1}$ â€Cdiarylallylic alcohols: Synthesis of 1,2,4â€Ctriarylbutaneâ€C1,4â€C-diones. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4407.	3.5	7
11	Preparation of wearable strain sensor based on PVA/MWCNTs hydrogel composite. <i>Materials Today Communications</i> , 2022, 31, 103278.	1.9	5
12	Generally applicable and efficient esterification of aldehydes with alcohols catalyzed by cyclopalladated ferrocenylimine. <i>Applied Organometallic Chemistry</i> , 2014, 28, 44-47.	3.5	4
13	High strength polyvinyl alcohol/polyacrylic acid-based hydrogels with multiple networks. <i>Polymer-Plastics Technology and Materials</i> , 2021, 60, 392-404.	1.3	2
14	PLA/PEG/MWCNT composites with improved processability and mechanical properties. <i>Polymer-Plastics Technology and Materials</i> , 2021, 60, 430-439.	1.3	2
15	Characterization and Finite Element Analysis of the Tensile Behavior of Electrospun Polymer Single Fibers. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1700593.	3.6	1
16	Morphology design of isotactic polypropylene composites. <i>Journal of Thermoplastic Composite Materials</i> , 2018, 31, 1252-1262.	4.2	1
17	Effect of crystalline control on the water retention and degradation of Poly(lactic acid) composite in concrete curing. <i>Construction and Building Materials</i> , 2022, 325, 126834.	7.2	1
18	Synthesis of 1,3,4-Oxadiazoles by Iodine-mediated Oxidative Cyclization of Methyl Ketones with 4-Phenylsemicarbazide. <i>Synlett</i> , 0, 33, .	1.8	0