

# Peng Yang

## List of Publications by Year in descending order

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22  
papers

809  
citations

623734

14  
h-index

677142

22  
g-index

23  
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23  
docs citations

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times ranked

1188  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cationic Metalloâ€Polyelectrolytes for Robust Alkaline Anionâ€Exchange Membranes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2388-2392.	13.8	163
2	Purification of HCC-specific extracellular vesicles on nanosubstrates for early HCC detection by digital scoring. <i>Nature Communications</i> , 2020, 11, 4489.	12.8	134
3	Recent Advances in Metalâ€Containing Polymer Hydrogels. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700109.	3.9	77
4	Bio-Inspired NanoVilli Chips for Enhanced Capture of Tumor-Derived Extracellular Vesicles: Toward Non-Invasive Detection of Gene Alterations in Non-Small Cell Lung Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 13973-13983.	8.0	55
5	Gold Nanoparticles with Antibioticâ€Metallopolymers toward Broadâ€Spectrum Antibacterial Effects. <i>Advanced Healthcare Materials</i> , 2019, 8, e1800854.	7.6	55
6	Dual Supramolecular Nanoparticle Vectors Enable CRISPR/Cas9â€Mediated Knockin of Retinoschisin 1 Geneâ€A Potential Nonviral Therapeutic Solution for Xâ€Linked Juvenile Retinoschisis. <i>Advanced Science</i> , 2020, 7, 1903432.	11.2	38
7	Metallocene-Containing Homopolymers and Heterobimetallic Block Copolymers via Photoinduced RAFT Polymerization. <i>ACS Macro Letters</i> , 2016, 5, 1293-1300.	4.8	37
8	Charged Metallopolymer-Grafted Silica Nanoparticles for Antimicrobial Applications. <i>Biomacromolecules</i> , 2018, 19, 417-425.	5.4	34
9	Recyclable magnetic nanoparticles grafted with antimicrobial metallopolymer-antibiotic bioconjugates. <i>Biomaterials</i> , 2018, 178, 363-372.	11.4	33
10	Trio Act of Boronolectin with Antibiotic-Metal Complexed Macromolecules toward Broad-Spectrum Antimicrobial Efficacy. <i>ACS Infectious Diseases</i> , 2017, 3, 845-853.	3.8	29
11	Supramolecular nanosubstrateâ€mediated delivery system enables CRISPR-Cas9 knockin of hemoglobin beta gene for hemoglobinopathies. <i>Science Advances</i> , 2020, 6, .	10.3	25
12	Circulating trophoblast cell clusters for early detection of placenta accreta spectrum disorders. <i>Nature Communications</i> , 2021, 12, 4408.	12.8	23
13	Cationic Metalloâ€Polyelectrolytes for Robust Alkaline Anionâ€Exchange Membranes. <i>Angewandte Chemie</i> , 2018, 130, 2412-2416.	2.0	20
14	Cross-Linked Fluorescent Supramolecular Nanoparticles for Intradermal Controlled Release of Antifungal Drugâ€A Therapeutic Approach for Onychomycosis. <i>ACS Nano</i> , 2018, 12, 6851-6859.	14.6	19
15	Coupling Lipid Labeling and Click Chemistry Enables Isolation of Extracellular Vesicles for Noninvasive Detection of Oncogenic Gene Alterations. <i>Advanced Science</i> , 2022, 9, e2105853.	11.2	15
16	Nano-vectors for CRISPR/Cas9-mediated genome editing. <i>Nano Today</i> , 2022, 44, 101482.	11.9	15
17	Discovery and characterization of circulating tumor cell clusters in neuroendocrine tumor patients using nanosubstrate-embedded microchips. <i>Biosensors and Bioelectronics</i> , 2022, 199, 113854.	10.1	10
18	Binding of Cobaltocenium-Containing Polyelectrolytes with Anionic Probes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1100-1109.	3.7	9

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19	Supramolecular Nanosubstrate-Mediated Delivery for CRISPR/Cas9 Gene Disruption and Deletion. <i>Small</i> , 2021, 17, 2100546.	10.0	8
20	Biodegradable polycaprolactone metallopolymer-antibiotic bioconjugates containing phenylboronic acid and cobaltocenium for antimicrobial application. <i>Biomaterials Science</i> , 2021, 9, 7237-7246.	5.4	7
21	Gene Therapy: Dual Supramolecular Nanoparticle Vectors Enable CRISPR/Cas9-Mediated Knockin of Retinoschisin 1 Gene-A Potential Nonviral Therapeutic Solution for X-Linked Juvenile Retinoschisis ( <i>Adv. Sci.</i> 10/2020). <i>Advanced Science</i> , 2020, 7, 2070054.	11.2	2
22	Innenrücktitelbild: Cationic Metallo-Polyelectrolytes for Robust Alkaline Anion-Exchange Membranes ( <i>Angew. Chem.</i> 9/2018). <i>Angewandte Chemie</i> , 2018, 130, 2529-2529.	2.0	0