

# Sheng-Sheng Yu

## List of Publications by Year in descending order

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15  
papers

684  
citations

686830

13  
h-index

940134

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

665  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ester-Mediated Amide Bond Formation Driven by Wet-Dry Cycles: A Possible Path to Polypeptides on the Prebiotic Earth. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9871-9875.	7.2	246
2	3D Printable Strain Sensors from Deep Eutectic Solvents and Cellulose Nanocrystals. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 34235-34244.	4.0	105
3	Surveying the sequence diversity of model prebiotic peptides by mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7652-E7659.	3.3	51
4	Collision cross section predictions using 2-dimensional molecular descriptors. <i>Chemical Communications</i> , 2017, 53, 7624-7627.	2.2	42
5	Cationic Cellulose Nanocrystals-Based Nanocomposite Hydrogels: Achieving 3D Printable Capacitive Sensors with High Transparency and Mechanical Strength. <i>Polymers</i> , 2021, 13, 688.	2.0	31
6	Group 4 Metal-Based Metal-Organic Frameworks for Chemical Sensors. <i>Chemosensors</i> , 2021, 9, 306.	1.8	29
7	Kinetics of prebiotic depsipeptide formation from the ester-amide exchange reaction. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 28441-28450.	1.3	28
8	3D Printing of Metal-Organic Framework-Based Ionogels: Wearable Sensors with Colorimetric and Mechanical Responses. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 28247-28257.	4.0	28
9	Elongation of Model Prebiotic Proto-Peptides by Continuous Monomer Feeding. <i>Macromolecules</i> , 2017, 50, 9286-9294.	2.2	27
10	3D Printing of Thermal Insulating Polyimide/Cellulose Nanocrystal Composite Aerogels with Low Dimensional Shrinkage. <i>Polymers</i> , 2021, 13, 3614.	2.0	21
11	A Chemical Engineering Perspective on the Origins of Life. <i>Processes</i> , 2015, 3, 309-338.	1.3	16
12	Efficient Visible-Light-Driven RAFT Polymerization Mediated by Deep Eutectic Solvents under an Open-to-Air Environment. <i>Macromolecules</i> , 2021, 54, 9825-9836.	2.2	15
13	Ester-mediated peptide formation promoted by deep eutectic solvents: a facile pathway to proto-peptides. <i>Chemical Communications</i> , 2020, 56, 11949-11952.	2.2	6
14	3D Printable and Sub-Micrometer Porous Polymeric Monoliths with Shape Reconfiguration Ability by Miniemulsion Templating. <i>Macromolecular Materials and Engineering</i> , 2022, 307, 2100615.	1.7	2
15	The effect of temperature on the kinetics of enhanced amide bond formation from lactic acid and valine driven by deep eutectic solvents. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 27498-27507.	1.3	1