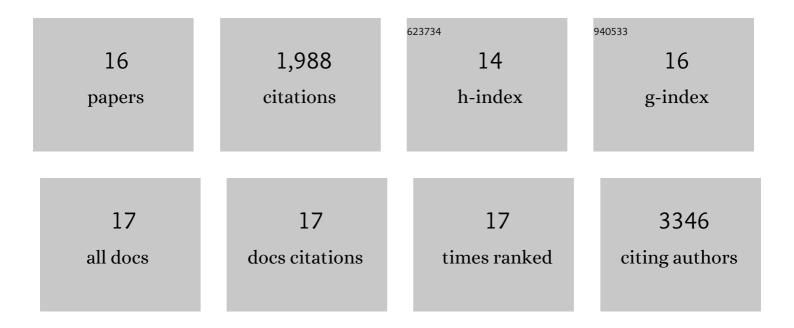
Yulin Chen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Multiphase design of autonomic self-healing thermoplastic elastomers. Nature Chemistry, 2012, 4, 467-472.	13.6	1,021
2	Sequential catalytic process: synthesis of quinoline derivatives by AuCl3/CuBr-catalyzed three-component reaction of aldehydes, amines, and alkynes. Tetrahedron, 2008, 64, 2755-2761.	1.9	169
3	Multivalent hydrogen bonding block copolymers self-assemble into strong and tough self-healing materials. Chemical Communications, 2014, 50, 10868-10870.	4.1	138
4	Highly stable and self-repairing membrane-mimetic 2D nanomaterials assembled from lipid-like peptoids. Nature Communications, 2016, 7, 12252.	12.8	124
5	Investigation of surface effects through the application of the functional binders in lithium sulfur batteries. Nano Energy, 2015, 16, 28-37.	16.0	112
6	Bioinspired Modular Synthesis of Elastin-Mimic Polymers To Probe the Mechanism of Elastin Elasticity. Journal of the American Chemical Society, 2010, 132, 4577-4579.	13.7	73
7	Fabrication of DNA Microarrays with Poly(<scp>l</scp> -glutamic acid) Monolayers on Gold Substrates for SPR Imaging Measurements. Langmuir, 2009, 25, 5054-5060.	3.5	55
8	Self-assembly of core–shell nanoparticles for self-healing materials. Polymer Chemistry, 2013, 4, 4885.	3.9	51
9	Selfâ€Repair and Patterning of 2D Membraneâ€Like Peptoid Materials. Advanced Functional Materials, 2016, 26, 8960-8967.	14.9	50
10	Self-healing thermoplastic elastomer brush copolymers having a glassy polymethylmethacrylate backbone and rubbery polyacrylate-amide brushes. Polymer, 2015, 69, 249-254.	3.8	47
11	Improving the performance of lithium–sulfur batteries using conductive polymer and micrometric sulfur powder. Journal of Materials Research, 2014, 29, 1027-1033.	2.6	40
12	Discovery of Stable and Selective Antibody Mimetics from Combinatorial Libraries of Polyvalent, Loop-Functionalized Peptoid Nanosheets. ACS Nano, 2020, 14, 185-195.	14.6	38
13	Sequenceâ€Defined Peptoids with OH and COOH GroupsÂAs Binders to Reduce Cracks of Si Nanoparticles of Lithiumâ€lon Batteries. Advanced Science, 2020, 7, 2000749.	11.2	38
14	Solidâ€phase synthesis of threeâ€armed starâ€shaped peptoids and their hierarchical selfâ€assembly. Biopolymers, 2019, 110, e23258.	2.4	27
15	Syntheses, Structures and Proton Conductivities of Polyphthalazinone Ionomers Derived from a Direct NC Coupling Reaction. Macromolecular Chemistry and Physics, 2006, 207, 653-659.	2.2	4

16 Self-Repair: Self-Repair and Patterning of 2D Membrane-Like Peptoid Materials (Adv. Funct. Mater.) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50