Shuang Zhao

List of Publications by Year
in descending order

20	716	1040056 9	888059 17
papers	citations	h-index	g-index

21	21	21	989
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrophilicity gradient in covalent organic frameworks for membrane distillation. Nature Materials, 2021, 20, 1551-1558.	27.5	195
2	Water Contaminant Elimination Based on Metalâ€“Organic Frameworks and Perspective on Their Industrial Applications. ACS Sustainable Chemistry and Engineering, 2019, 7, 4548-4563.	6.7	165
3	Membrane adsorbers with ultrahigh metal-organic framework loading for high flux separations. Nature Communications, 2019, 10, 4204.	12.8	157
4	Free-standing graphene oxide membrane with tunable channels for efficient water pollution control. Journal of Hazardous Materials, 2019, 366, 659-668.	12.4	45
5	Electropolymerization of Molecularâ€Sieving Polythiophene Membranes for H₂ Separation. Angewandte Chemie - International Edition, 2019, 58, 8768-8772.	13.8	39
6	Covalent organic framework-based membranes for liquid separation. Organic Chemistry Frontiers, 2021, 8, 3943-3967.	4.5	32
7	Electropolymerization of Molecularâ€Sieving Polythiophene Membranes for H₂ Separation. Angewandte Chemie, 2019, 131, 8860-8864.	2.0	20
8	Synthesis of 3,4-Dihydropyrimidin-2(1H)-ones using Sodium Bisulfate as a Catalyst under Solvent-free Conditions. Organic Preparations and Procedures International, 2014, 46, 457-462.	1.3	12
9	Ferrous methanesulfonate as an efficient and recyclable catalyst for the tetrahydropyranylation of alcohols and phenols under solvent-free conditions. RSC Advances, 2011, 1, 1698.	3.6	10
10	Solvent-free one-pot synthesis of 1-carbamatoalkyl-2-naphthols by a tin tetrachloride catalyzed multicomponent reaction. Monatshefte FÃ¼r Chemie, 2013, 144, 975-980.	1.8	9
11	Alternative role of cisplatin in DNA damage â€“ theoretical studies on the influence of excess electrons on the cisplatinâ€“DNA complex. RSC Advances, 2016, 6, 83053-83059.	3.6	7
12	Immobilization of cadmium in simulated contaminated soils using thermal-activated serpentine. Soil Science and Plant Nutrition, 2020, 66, 499-505.	1.9	7
13	A new understanding towards the reactivity of DNA peroxy radicals. Physical Chemistry Chemical Physics, 2016, 18, 23763-23768.	2.8	6
14	Strategies in constructing covalent organic framework membranes for molecular sieving. Science China Chemistry, 2022, 65, 836-839.	8.2	5
15	Theoretical Insights on the Inefficiency of RNA Oxidative Damage under Aerobic Conditions. Journal of Physical Chemistry A, 2018, 122, 431-438.	2.5	3
16	In situ immobilization of zinc polluted soil using thermal-activated serpentine. Archives of Agronomy and Soil Science, 2020, 66, 1005-1014.	2.6	2
17	A theoretical study towards understanding the origin of DNA oxidation products. Journal of Physical Organic Chemistry, 2021, 34, e4176.	1.9	1
18	Removal of Cr(<scp>VI</scp>) by a simply prepared biocharâ€supported nanoscale zeroâ€valent iron. Journal of Chemical Technology and Biotechnology, 2022, 97, 2739-2746.	3.2	1

#	Article	IF	Citations
19	InnenrÃ¼cktitelbild: Electropolymerization of Molecularâ€Sieving Polythiophene Membranes for H₂ Separation (Angew. Chem. 26/2019). Angewandte Chemie, 2019, 131, 9039-9039.	2.0	0
20	Green Synthesis and Structural Characterization of C6-Phenyl Substituted 3,4-Dihydropyrimidinones. Organic Preparations and Procedures International, 2020, 52, 487-495.	1.3	0