

Jian-rong Wang

List of Publications by Year in descending order

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64
papers

1,479
citations

279798

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docs citations

65
times ranked

1385
citing authors

#	ARTICLE	IF	CITATIONS
1	New Cembrane-type Diterpenoids from the South China Sea Soft Coral <i>Sinularia nanolobata</i> . Chinese Journal of Chemistry, 2022, 40, 28-38.	4.9	10
2	Enhancing the stability of active pharmaceutical ingredients by the cocrystal strategy. CrystEngComm, 2022, 24, 2002-2022.	2.6	36
3	Superior Dissolution Behavior and Bioavailability of Pharmaceutical Cocrystals and Recent Regulatory Issues. ACS Medicinal Chemistry Letters, 2022, 13, 29-37.	2.8	4
4	Sinueretone A, a Diterpenoid with Unprecedented Tricyclo[12.1.0.0 ^{5,9}]pentadecane Carbon Scaffold from the South China Sea Soft Coral <i>Sinularia erecta</i> . Journal of Organic Chemistry, 2021, 86, 10975-10981.	3.2	17
5	Cocrystals to tune oily vitamin E into crystal vitamin E. International Journal of Pharmaceutics, 2021, 592, 120057.	5.2	7
6	Sinusiaetone A, an Anti-inflammatory Norditerpenoid with a Bicyclo[11.3.0]hexadecane Nucleus from the Hainan Soft Coral <i>Sinularia siaesensis</i> . Organic Letters, 2021, 23, 5621-5625.	4.6	30
7	Polyoxygenated cembranoids from the Hainan soft coral <i>Lobophytum crassum</i> . Tetrahedron, 2021, 90, 132204.	1.9	11
8	Sinucrassins A-K, Casbane-type Diterpenoids from the South China Sea Soft Coral <i>Sinularia crassa</i> . Chinese Journal of Chemistry, 2021, 39, 2367-2376.	4.9	11
9	Conformational polymorphs of isotretinoin and their impact on physicochemical and biological properties. International Journal of Pharmaceutics, 2021, 610, 121222.	5.2	3
10	Spiroalanpyrroids A and B, sesquiterpene alkaloids with a unique spiro-eudesmanolide-pyrrolizidine skeleton from <i>Inula helenium</i> . Organic Chemistry Frontiers, 2020, 7, 303-309.	4.5	15
11	Enantioselective [4 + 2] Cycloaddition Reaction of Vinylquinolines with Dienals Enabled by Synergistic Organocatalysis. Organic Letters, 2020, 22, 6061-6066.	4.6	14
12	The axial chirality hidden in vitamin D and its application in cocrystal prediction. CrystEngComm, 2020, 22, 3095-3099.	2.6	0
13	Spiroalanfurantones D, Four Eudesmanolide-Furan Sesquiterpene Adducts with a Pentacyclic 6/6/5/5/5 Skeleton from <i>Inula helenium</i> . Organic Letters, 2019, 21, 9478-9482.	4.6	10
14	Hydrochromism behaviors of solid forms of chelerythrine hydrochloride. CrystEngComm, 2019, 21, 5915-5921.	2.6	1
15	Improving Compliance and Decreasing Drug Accumulation of Diethylstilbestrol through Cocrystallization. Crystal Growth and Design, 2019, 19, 1942-1953.	3.0	9
16	Sarcamililate A, an Unusual Diterpenoid with Tricyclo[11.3.0.0 ^{2,16}]hexadecane Carbon Skeleton, and Its Potential Biogenetic Precursors from the Hainan Soft Coral <i>Sarcophyton mililatensis</i> . Journal of Organic Chemistry, 2019, 84, 2568-2576.	3.2	53
17	Confocal Raman micro-spectral evidence and physicochemical evaluation of triamterene salts. Analyst, The, 2019, 144, 530-535.	3.5	3
18	RQ3, A Natural Rebaudioside D Isomer, Was Obtained from Glucosylation of Rebaudioside A Catalyzed by the CGTase Toruzyme 3.0 L. Journal of Agricultural and Food Chemistry, 2019, 67, 8020-8028.	5.2	17

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19	Anisotropic elasticity and plasticity of an organic crystal. <i>Chemical Communications</i> , 2019, 55, 8532-8535.	4.1	35
20	Identification of an Overlooked Halogenâ€Bond Synthons and Its Application in Designing Fluorescent Materials. <i>Chemistry - A European Journal</i> , 2019, 25, 6584-6590.	3.3	11
21	Comparison of the crystal structures and physicochemical properties of novel resveratrol cocrystals. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 1186-1196.	1.1	7
22	Cocrystallization in vitamin B ₉ gels to construct stoichiometry-controlled isostructural materials. <i>CrystEngComm</i> , 2018, 20, 1644-1648.	2.6	3
23	Triamtereneâ€furosemide salt: structural aspects and physicochemical evaluation. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2018, 74, 738-741.	1.1	11
24	Fine-Tuning the Colors of Natural Pigment Emodin with Superior Stability through Cocrystal Engineering. <i>Crystal Growth and Design</i> , 2018, 18, 6123-6132.	3.0	22
25	Stable Cocrystals and Salts of the Antineoplastic Drug Apatinib with Improved Solubility in Aqueous Solution. <i>Crystal Growth and Design</i> , 2018, 18, 4701-4714.	3.0	28
26	Isostructural Solvates of Naturally Occurring Allocryptopine Exhibit Both Mechanochromic and Hydrochromic Luminescent Properties. <i>ACS Omega</i> , 2018, 3, 9220-9226.	3.5	5
27	Solid-state characterization and solubility enhancement of apremilast drugâ€drug cocrystals. <i>CrystEngComm</i> , 2018, 20, 5945-5948.	2.6	38
28	Improving Dissolution Properties by Polymers and Surfactants: A Case Study of Celastrol. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 2860-2868.	3.3	8
29	Amino acids as co-amorphous excipients for tackling the poor aqueous solubility of valsartan. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 69-76.	2.4	51
30	Cocrystals of Baicalein with Higher Solubility and Enhanced Bioavailability. <i>Crystal Growth and Design</i> , 2017, 17, 1893-1901.	3.0	97
31	Polymorphism of Triamcinolone Acetonide Acetate and Its Implication for the Morphology Stability of the Finished Drug Product. <i>Crystal Growth and Design</i> , 2017, 17, 3482-3490.	3.0	10
32	Vapor triggered fluorescent color changes among solvates of Emodin. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5970-5976.	5.5	9
33	Modulating the Dissolution and Mechanical Properties of Resveratrol by Cocrystallization. <i>Crystal Growth and Design</i> , 2017, 17, 3989-3996.	3.0	34
34	Taming photo-induced oxidation degradation of dihydropyridine drugs through cocrystallization. <i>Chemical Communications</i> , 2017, 53, 12266-12269.	4.1	36
35	Structure, physicochemical properties and pharmacokinetics of resveratrol and piperine cocrystals. <i>CrystEngComm</i> , 2017, 19, 6154-6163.	2.6	22
36	Greener solid-state synthesis: stereo-selective [2 + 2] photodimerization of vitamin K ₃ controlled by halogen bonding. <i>CrystEngComm</i> , 2016, 18, 6327-6330.	2.6	14

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37	Determination of absolute configuration using heavy atom based co-crystallization method: Halogen atom effects. <i>Journal of Molecular Structure</i> , 2016, 1119, 269-275.	3.6	4
38	Solid-state characterization of 17 β -estradiol co-crystals presenting improved dissolution and bioavailability. <i>CrystEngComm</i> , 2016, 18, 3498-3505.	2.6	17
39	Mechanochromism triggered fluorescent color switching among polymorphs of a natural fluorescence pigment. <i>Chemical Communications</i> , 2016, 52, 11288-11291.	4.1	39
40	pH-Switchable vitamin B ₉ gels for stoichiometry-controlled spherical co-crystallization. <i>Chemical Communications</i> , 2016, 52, 13452-13455.	4.1	20
41	Absolute asymmetric synthesis of a sanguinarine derivative through crystal-solution interactions. <i>CrystEngComm</i> , 2016, 18, 8834-8837.	2.6	3
42	Polymorphs and Hydrates of Apatinib Mesylate: Insight into the Crystal Structures, Properties, and Phase Transformations. <i>Crystal Growth and Design</i> , 2016, 16, 6537-6546.	3.0	20
43	Selective crystallization of vitamin D ₃ for the preparation of novel conformational polymorphs with distinctive chemical stability. <i>CrystEngComm</i> , 2016, 18, 1101-1104.	2.6	11
44	Drug-drug co-crystallization presents a new opportunity for the development of stable vitamins. <i>Chemical Communications</i> , 2016, 52, 3572-3575.	4.1	56
45	Zwitterionic Cocrystals of Flavonoids and Proline: Solid-State Characterization, Pharmaceutical Properties, and Pharmacokinetic Performance. <i>Crystal Growth and Design</i> , 2016, 16, 2348-2356.	3.0	77
46	Improving Dissolution and Photostability of Vitamin K3 via Cocrystallization with Naphthoic Acids and Sulfamerazine. <i>Crystal Growth and Design</i> , 2016, 16, 483-492.	3.0	44
47	Improving the dissolution and bioavailability of 6-mercaptopurine via co-crystallization with isonicotinamide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1036-1039.	2.2	36
48	Structural diversity of terpenoids in the soft coral <i>Sinularia flexibilis</i> , evidenced by a collection from the South China Sea. <i>RSC Advances</i> , 2015, 5, 23973-23980.	3.6	23
49	Polymorphism observed in dapsones-flavone cocrystals that present pronounced differences in solubility and stability. <i>CrystEngComm</i> , 2015, 17, 6566-6574.	2.6	31
50	Insight into the conformational polymorph transformation of a block-buster multiple sclerosis drug fingolimod hydrochloride (FTY 720). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 109, 45-51.	2.8	14
51	Insight into the Phase Transformation among Various Solid Forms of Baicalein. <i>Crystal Growth and Design</i> , 2015, 15, 4959-4968.	3.0	21
52	Versatile solid modifications of icariin: structure, properties and form transformation. <i>CrystEngComm</i> , 2015, 17, 7500-7509.	2.6	17
53	Pharmaceutical cocrystals of the anti-tuberculosis drug pyrazinamide with dicarboxylic and tricarboxylic acids. <i>CrystEngComm</i> , 2015, 17, 747-752.	2.6	50
54	Stabilizing vitamin D ₃ by conformationally selective co-crystallization. <i>Chemical Communications</i> , 2014, 50, 855-858.	4.1	71

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55	Structural and physicochemical aspects of hydrochlorothiazide co-crystals. <i>CrystEngComm</i> , 2014, 16, 6996-7003.	2.6	37
56	Solid-State Characterization and Transformation of Various Creatine Phosphate Sodium Hydrates. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 3688-3695.	3.3	10
57	Highly Crystalline Forms of Valsartan with Superior Physicochemical Stability. <i>Crystal Growth and Design</i> , 2013, 13, 3261-3269.	3.0	44
58	Chemistry, chemoecology, and bioactivity of the South China Sea opisthobranch molluscs and their dietary organisms. <i>Journal of Asian Natural Products Research</i> , 2013, 15, 185-197.	1.4	9
59	Extending the Record of Bis- β -pyrone Polypropionates from Marine Pulmonate Molluscs. <i>Journal of Natural Products</i> , 2013, 76, 2065-2073.	3.0	28
60	Structure and Absolute Stereochemistry of Nortriterpenoids from <i>Schisandra chinensis</i> (Turcz.) Baill. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5471-5482.	2.4	25
61	Assignment of Absolute Configuration of Bis- β -pyrone Polypropionates from Marine Pulmonate Molluscs. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1107-1111.	2.4	20
62	A new highly oxygenated nortriterpenoid from <i>Schisandra chinensis</i> . <i>Journal of Asian Natural Products Research</i> , 2011, 13, 551-555.	1.4	9
63	Protolimonoids and norlimonoids from the stem bark of <i>Toona ciliata</i> var. <i>pubescens</i> . <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7685.	2.8	37
64	Structural and stereochemical studies of five new pregnane steroids from the stem bark of <i>Toona ciliata</i> var. <i>pubescens</i> . <i>Steroids</i> , 2011, 76, 571-576.	1.8	14