

# Huawu Shao

## List of Publications by Year in descending order

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36  
papers

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471509  
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times ranked

1503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmaceutical Intermediate-Modified Gold Nanoparticles: Against Multidrug-Resistant Bacteria and Wound-Healing Application <i>via</i> an Electrospun Scaffold. <i>ACS Nano</i> , 2017, 11, 5737-5745.	14.6	307
2	Titanium Incorporation into Zr-Porphyrinic Metal-Organic Frameworks with Enhanced Antibacterial Activity against Multidrug-Resistant Pathogens. <i>Small</i> , 2020, 16, e1906240.	10.0	116
3	Novel Zinc (II)-Mediated Epimerization of $\alpha$ -Carbonylalkyl- $\beta$ -C-glycopyranosides to Their $\beta$ -Anomers. <i>Journal of the American Chemical Society</i> , 2002, 124, 2130-2131.	13.7	56
4	Boronic Acid-Decorated Multivariate Photosensitive Metal-Organic Frameworks for Combating Multi-Drug-Resistant Bacteria. <i>ACS Nano</i> , 2022, 16, 7732-7744.	14.6	42
5	Lathyril Diterpenes as Modulators of P-Glycoprotein Dependent Multidrug Resistance: Structure-Activity Relationship Studies on Euphorbia Factor L <sub>3</sub> Derivatives. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3720-3738.	6.4	37
6	Multivalent Aminosaccharide-Based Gold Nanoparticles as Narrow-Spectrum Antibiotics in Vivo. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 7725-7730.	8.0	37
7	InCl <sub>3</sub> Catalyzed Highly Diastereoselective [3 + 2] Cycloaddition of 1,2-Cyclopropanated Sugars with Aldehydes: A Straightforward Synthesis of Persubstituted Bis-Tetrahydrofurans and Perhydrofuro[2,3-b]pyrans. <i>Organic Letters</i> , 2013, 15, 5170-5173.	4.6	35
8	Organic nanostructure-based probes for two-photon imaging of mitochondria and microbes with emission between 430 nm and 640 nm. <i>Nanoscale</i> , 2017, 9, 4770-4776.	5.6	34
9	D-alanyl-D-alanine-Modified Gold Nanoparticles Form a Broad-Spectrum Sensor for Bacteria. <i>Theranostics</i> , 2018, 8, 1449-1457.	10.0	34
10	A mild and environmentally benign method for the synthesis of glycals in PEG-600/H <sub>2</sub> O. <i>Green Chemistry</i> , 2009, 11, 1124.	9.0	27
11	Oxadiazepine Synthesis by Formal [4+3] Cycloaddition of $\alpha$ -Chloromethyl Arylsulfonamides with Nitrones Promoted by NaHCO <sub>3</sub> . <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3015-3019.	4.3	24
12	Straightforward and highly diastereoselective synthesis of 2,2-di-substituted perhydrofuro[2,3-b]pyran (and furan) derivatives promoted by BiCl <sub>3</sub> . <i>Chemical Communications</i> , 2013, 49, 7085.	4.1	23
13	Stereospecific [3+2] cycloaddition of 1,2-cyclopropanated sugars and ketones catalyzed by SnCl <sub>4</sub> : an efficient synthesis of multi-substituted perhydrofuro[2,3-b]furans and perhydrofuro[2,3-b]pyrans. <i>Chemical Communications</i> , 2014, 50, 3505-3508.	4.1	23
14	Investigations on a series of novel ionic liquids containing the [closo-B <sub>12</sub> Cl <sub>12</sub> ] <sup>2-</sup> dianion. <i>RSC Advances</i> , 2012, 2, 9830.	3.6	21
15	An Effective Method for the Synthesis of 1,3-Dihydro-2-H-indazoles via N-N Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5552-5557.	4.3	19
16	PEG 400 promoted nucleophilic substitution reaction of halides into organic azides under mild conditions. <i>Green Chemistry Letters and Reviews</i> , 2011, 4, 281-287.	4.7	18
17	Zn(OTf) <sub>2</sub> promoted rearrangement of 1,2-cyclopropanated sugars with amines: a convenient method for the synthesis of 3-polyhydroxyalkyl-substituted pyrrole derivatives. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10865-10873.	2.8	18
18	A Novel and Highly Stereoselective Synthesis of 2-Substituted Perhydrofuro[2,3-b]pyran Derivatives. <i>Organic Letters</i> , 2011, 13, 4276-4279.	4.6	16

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19	A facile method for the preparation of sugar orthoesters promoted by anhydrous sodium bicarbonate. Canadian Journal of Chemistry, 2009, 87, 1733-1737.	1.1	15
20	Nanoscale Metal-Organic Frameworks That are Both Fluorescent and Hollow for Self-Indicating Drug Delivery. ACS Applied Materials & Interfaces, 2021, 13, 18554-18562.	8.0	15
21	Simple and Efficient Method for <i>N</i> -Boc Protection of Amines Using PEG-400 as a Reaction Medium Under Mild Conditions. Synthetic Communications, 2012, 42, 25-32.	2.1	14
22	An efficient and facile strategy for trifluoromethylation and perfluoroalkylation of isoquinolines and heteroarenes. Chemical Communications, 2020, 56, 7813-7816.	4.1	12
23	Rapid Oxidation Indoles into 2-Oxindoles Mediated by PIFA in Combination with $\text{Bu}_4\text{NCl} \cdot \text{H}_2\text{O}$ . Advanced Synthesis and Catalysis, 2021, 363, 3532-3538.	4.3	12
24	Convenient synthesis of sulfonyl azides using PEG-400 as an efficient and eco-friendly reaction medium. Green Chemistry Letters and Reviews, 2013, 6, 222-227.	4.7	10
25	Methanesulfonic Acid-Catalysed Ring Opening and Glycosylation of 1,2-Acetylcyclopropane-Annulated $\beta$ -D-Lyxofuranose. European Journal of Organic Chemistry, 2014, 2014, 4592-4599.	2.4	10
26	Stereoselective Synthesis of a Series of New <i>N</i> -Alkyl-3-hydroxypiperidine Derivatives Containing a Hemiketal. European Journal of Organic Chemistry, 2011, 2011, 4834-4840.	2.4	9
27	Synthesis of <i>N</i> -substituted iminosugars from 2-carbonyl-C-glycofuranosides. Carbohydrate Research, 2009, 344, 2454-2460.	2.3	7
28	A Rapid Synthesis of Pyranoid Glycals Promoted by $\beta$ -Cyclodextrin and Ultrasound. Chinese Journal of Chemistry, 2011, 29, 1434-1440.	4.9	7
29	Environmentally Benign Synthesis of Sugar Orthoesters Promoted by Anhydrous Sodium Acetate and Ultrasound. Chinese Journal of Chemistry, 2012, 30, 627-633.	4.9	6
30	A facile method for the synthesis of fused perhydropyrano[2,3- <i>b</i> ]pyrans promoted by $\text{Yb}(\text{OTf})_3$ . Chemical Communications, 2018, 54, 3763-3766.	4.1	5
31	Strategy to Construct 1,2,3-Triazoles by $\text{K}_2\text{CO}_3$ -Mediated [4+1] Annulation Reactions of <i>N</i> -Acetyl Hydrazones with Bifunctional Amino Reagents. Advanced Synthesis and Catalysis, 2021, 363, 459-463.	4.3	5
32	An Efficient and Simple Method for Stereoselective Synthesis of <i>N</i> -Substituted Iminosugars from <i>D</i> -Xylose Derivative. Chinese Journal of Chemistry, 2014, 32, 361-364.	4.9	4
33	Direct and highly stereoselective synthesis of quinolizidine iminosugars promoted by <i>L</i> -proline-Et <sub>3</sub> N. Organic and Biomolecular Chemistry, 2018, 16, 9230-9236.	2.8	3
34	Rhopeptin A: First Cyclopeptide Isolated from <i>Rhodobryum giganteum</i> . Helvetica Chimica Acta, 2013, 96, 114-118.	1.6	2
35	Synthesis, Characterisation and Magnetic Behaviour of Ionic Metalloporphyrins: Metal-Tetrakis(N-Octyl-4-Pyridinium)-Porphyrins with Tetrabromoferrate(III) Anions. Journal of Chemical Research, 2013, 37, 445-450.	1.3	1
36	Synthesis of 2,2-Disubstituted Perhydrofuro[2,3- <i>b</i> ]pyran Derivatives containing Indole via $\text{BF}_3 \cdot \text{Et}_2\text{O}$ . Asian Journal of Organic Chemistry, 0, , .	2.7	0