

Huawu Shao

List of Publications by Year in descending order

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36
papers

1,060
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471509

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1503
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Strategy to Construct 1,2,3-Triazoles by K_2CO_3 -Mediated [4+1] Annulation Reactions of <i>N</i> -Acetyl Hydrazones with Bifunctional Amino Reagents. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 459-463.	4.3	5
3	Nanoscale Metal-Organic Frameworks That are Both Fluorescent and Hollow for Self-Indicating Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18554-18562.	8.0	15
4	Rapid Oxidation of Indoles into Oxindoles Mediated by PIFA in Combination with $Bu_4NCl \cdot H_2O$. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3532-3538.	4.3	12
5	An efficient and facile strategy for trifluoromethylation and perfluoroalkylation of isoquinolines and heteroarenes. <i>Chemical Communications</i> , 2020, 56, 7813-7816.	4.1	12
6	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
7	An Effective Method for the Synthesis of 1,3-Dihydroindazoles via N-N Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5552-5557.	4.3	19
8	Multivalent Aminosaccharide-Based Gold Nanoparticles as Narrow-Spectrum Antibiotics in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7725-7730.	8.0	37
9	A facile method for the synthesis of fused perhydropyrano[2,3- <i>b</i>]pyrans promoted by $Yb(OTf)_3$. <i>Chemical Communications</i> , 2018, 54, 3763-3766.	4.1	5
10	Direct and highly stereoselective synthesis of quinolizidine iminosugars promoted by l-proline-Et ₃ N. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 9230-9236.	2.8	3
11	D-alanyl-D-alanine-Modified Gold Nanoparticles Form a Broad-Spectrum Sensor for Bacteria. <i>Theranostics</i> , 2018, 8, 1449-1457.	10.0	34
12	Oxadiazepine Synthesis by Formal [4+3] Cycloaddition of <i>o</i> -Chloromethyl Arylsulfonamides with Nitrones Promoted by $NaHCO_3$. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3015-3019.	4.3	24
13	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
14	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
15	Lathyrol Diterpenes as Modulators of P-Glycoprotein Dependent Multidrug Resistance: Structure-Activity Relationship Studies on <i>Euphorbia</i> Factor L ₃ Derivatives. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3720-3738.	6.4	37
16	$Zn(OTf)_2$ 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
17	An Efficient and Simple Method for Stereoselective Synthesis of <i>N</i> -Substituted Iminosugars from <i>D</i> -Xylose Derivative. <i>Chinese Journal of Chemistry</i> , 2014, 32, 361-364.	4.9	4
18	Stereospecific [3+2] cycloaddition of 1,2-cyclopropanated sugars and ketones catalyzed by $SnCl_4$: an efficient synthesis of multi-substituted perhydrofuro[2,3- <i>b</i>]furans and perhydrofuro[2,3- <i>b</i>]pyrans. <i>Chemical Communications</i> , 2014, 50, 3505-3508.	4.1	23

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19	Methanesulfonic Acid Catalysed Ring Opening and Glycosylation of 1,2-(Acetylcyclopropane) Annulated α -Lyxofuranose. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4592-4599.	2.4	10
20	Straightforward and highly diastereoselective synthesis of 2,2-di-substituted perhydrofuro[2,3-b]pyran (and furan) derivatives promoted by BiCl_3 . <i>Chemical Communications</i> , 2013, 49, 7085.	4.1	23
21	InCl_3 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
22	Rhopeptin A: First Cyclopeptide Isolated from <i>Rhodobryum giganteum</i> . <i>Helvetica Chimica Acta</i> , 2013, 96, 114-118.	1.6	2
23	Synthesis, Characterisation and Magnetic Behaviour of Ionic Metalloporphyrins: Metal-Tetrakis(N-Octyl-4-Pyridinium)Porphyrins with Tetrabromoferrate(III) Anions. <i>Journal of Chemical Research</i> , 2013, 37, 445-450.	1.3	1
24	Convenient synthesis of sulfonyl azides using PEG-400 as an efficient and eco-friendly reaction medium. <i>Green Chemistry Letters and Reviews</i> , 2013, 6, 222-227.	4.7	10
25	Investigations on a series of novel ionic liquids containing the [closo-B ₁₂ Cl ₁₂] ²⁻ dianion. <i>RSC Advances</i> , 2012, 2, 9830.	3.6	21
26	Simple and Efficient Method for N-Boc Protection of Amines Using PEG-400 as a Reaction Medium Under Mild Conditions. <i>Synthetic Communications</i> , 2012, 42, 25-32.	2.1	14
27	Environmentally Benign Synthesis of Sugar Orthoesters Promoted by Anhydrous Sodium Acetate and Ultrasound. <i>Chinese Journal of Chemistry</i> , 2012, 30, 627-633.	4.9	6
28	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
29	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
30	Stereoselective Synthesis of a Series of New N-Alkyl- α -Chydroxypiperidine Derivatives Containing a Hemiketal. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4834-4840.	2.4	9
31	A Rapid Synthesis of Pyranoid Glycals Promoted by β -Cyclodextrin and Ultrasound. <i>Chinese Journal of Chemistry</i> , 2011, 29, 1434-1440.	4.9	7
32	Synthesis of N-substituted iminosugars from α -carbonyl-C-glycofuranosides. <i>Carbohydrate Research</i> , 2009, 344, 2454-2460.	2.3	7
33	A facile method for the preparation of sugar orthoesters promoted by anhydrous sodium bicarbonate. <i>Canadian Journal of Chemistry</i> , 2009, 87, 1733-1737.	1.1	15
34	A mild and environmentally benign method for the synthesis of glycals in PEG-600/H ₂ O. <i>Green Chemistry</i> , 2009, 11, 1124.	9.0	27
35	Novel Zinc (II)-Mediated Epimerization of α -Carbonylalkyl-C-glycopyranosides to Their β -Anomers. <i>Journal of the American Chemical Society</i> , 2002, 124, 2130-2131.	13.7	56
36	Synthesis of 2,2-Disubstituted Perhydrofuro[2,3-b]pyran Derivatives containing Indole via $\text{BF}_3 \cdot \text{Et}_2\text{O}$. <i>Asian Journal of Organic Chemistry</i> , 0, , .	2.7	0