

Min Zhang

List of Publications by Year in descending order

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27
papers

315
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840776

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839539

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all docs

27
docs citations

27
times ranked

326
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The first pamidronate containing polymer and copolymer. <i>Chemical Communications</i> , 2006, , 2795. | 4.1 | 37 |
| 2 | Enthalpy versus Entropy in Chlorocarbene/Alkene Addition Reactions. <i>Journal of the American Chemical Society</i> , 2008, 130, 5634-5635. | 13.7 | 35 |
| 3 | Photoinduced [4 + 4] Cycloadditions of Quinones with Oxazoles. <i>Organic Letters</i> , 2004, 6, 4893-4895. | 4.6 | 30 |
| 4 | Photoreactions of 1,2,4,5-benzenetetracarbonitrile with arylethenes photo-olefin dimerization aromatic substitution reactions. <i>Tetrahedron</i> , 2006, 62, 5663-5674. | 1.9 | 22 |
| 5 | Solvation of Dichlorocarbene: Complexation with Aryl Ethers. <i>Journal of Physical Chemistry A</i> , 2010, 114, 209-217. | 2.5 | 19 |
| 6 | Evolution of Structure and Reactivity in a Series of Iconic Carbenes. <i>Journal of Organic Chemistry</i> , 2012, 77, 843-850. | 3.2 | 19 |
| 7 | Thermodynamics and Kinetics of Pretilachlor Adsorption on Organobentonites for Controlled Release. <i>ACS Omega</i> , 2020, 5, 4191-4199. | 3.5 | 19 |
| 8 | Thermodynamics and kinetics of pretilachlor adsorption: Implication to controlled release from organobentonites. <i>Applied Clay Science</i> , 2020, 190, 105566. | 5.2 | 19 |
| 9 | A Copper Halide Promoted Regioselective Halogenation of Coumarins Using N-Halosuccinimide as Halide Source. <i>Synlett</i> , 2019, 30, 630-634. | 1.8 | 18 |
| 10 | Latent Nucleophilicity of Dichlorocarbene. <i>Organic Letters</i> , 2009, 11, 1947-1950. | 4.6 | 16 |
| 11 | Activation Parameters for Additions of Ambiphilic Methoxychlorocarbene to Alkenes. <i>Organic Letters</i> , 2008, 10, 4045-4048. | 4.6 | 14 |
| 12 | A metal-free one-pot synthesis of benzo[c]chromen-6-ones from 3,4-dichlorocoumarins and butadienes using tandem photo-thermal-photo reactions. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9874-9882. | 2.8 | 12 |
| 13 | The Trichloromethide and Bromodichloromethide Carbanions. <i>Organic Letters</i> , 2009, 11, 5702-5704. | 4.6 | 11 |
| 14 | Aromatic annulation strategy for naphthalenes fused at 1,2- and 3,4-positions with two heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 33-35. | 2.8 | 10 |
| 15 | The Nucleophilic Reactivity of Fluoromethoxycarbene. <i>Organic Letters</i> , 2010, 12, 3476-3479. | 4.6 | 8 |
| 16 | Conformational change of lysozyme on the interaction with gene carrier polyethyleneimine. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 532-537. | 7.5 | 6 |
| 17 | Effects of interaction with gene carrier polyethyleneimines on conformation and enzymatic activity of pig heart lactate dehydrogenase. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 204, 217-224. | 3.9 | 5 |
| 18 | Sol-gel synthesis and luminescent properties of red-emitting Y(P,V)O ₄ :Eu ³⁺ phosphors. <i>Luminescence</i> , 2016, 31, 264-269. | 2.9 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Synthesis of benzofurans from the cyclodehydration of $\hat{I}\pm$ -phenoxy ketones mediated by Eaton's reagent. <i>Journal of Chemical Research</i> , 2020, 44, 426-436. | 1.3 | 4 |
| 20 | Visible light enabled [4+2] annulation reactions for anthracenone-furans from 2,3-dibromonaphthoquinone and phenylbenzofurans. <i>RSC Advances</i> , 2021, 11, 38235-38238. | 3.6 | 3 |
| 21 | The addition mechanism of TMS-CN into N-acetylpyridinium to give 2-cyanoacetylpyridinium: The roles of TpW(NO)(PMe ₃) and DABCO. <i>Journal of Organometallic Chemistry</i> , 2013, 724, 117-128. | 1.8 | 2 |
| 22 | Conformational Change and Activity Enhancement of Rabbit Muscle Lactate Dehydrogenase Induced by Polyethyleneimine. <i>ACS Omega</i> , 2021, 6, 10859-10865. | 3.5 | 1 |
| 23 | A facile metal-free one-flask synthesis of multi-substituted furans <i>via</i> a BF ₃ ·Et ₂ O mediated formal [4 + 1] reaction of 3-chloro-3-phenyldiazirines and $\hat{I}\pm$, \hat{I}^2 -alkenyl ketones. <i>RSC Advances</i> , 2022, 12, 15190-15195. | 3.6 | 1 |
| 24 | 4-Phenyl-1-(2,4,5-tricyanophenyl)-1,2,3,4-tetrahydronaphthalene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o132-o133. | 0.2 | 0 |
| 25 | 5-(1,4-Dimethyl-4-phenyl-1,2,3,4-tetrahydro-1-naphthyl)-1,2,4-benzenetricarbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o467-o468. | 0.2 | 0 |
| 26 | 4b,4c,9b,9c-Tetrahydro-4b,4c,9b,9c-tetrachlorocyclobuta[1,2-a:3,4-a']diindene-5,10-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o1930-o1931. | 0.2 | 0 |
| 27 | Why trans- or cis-Dimethyl Fumarate Addition to 2,5-Dimethylpyrrole Gives Exclusively trans-7-Azanorbornane. <i>Journal of Physical Chemistry A</i> , 2015, 119, 6563-6573. | 2.5 | 0 |