

Zheng Duan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2477878/publications.pdf>

Version: 2024-02-01

143
papers

4,331
citations

126708

33
h-index

133063

59
g-index

154
all docs

154
docs citations

154
times ranked

4230
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Evaluation of eight high spatial resolution gridded precipitation products in Adige Basin (Italy) at multiple temporal and spatial scales. <i>Science of the Total Environment</i> , 2016, 573, 1536-1553. | 3.9 | 270 |
| 2 | Estimating water volume variations in lakes and reservoirs from four operational satellite altimetry databases and satellite imagery data. <i>Remote Sensing of Environment</i> , 2013, 134, 403-416. | 4.6 | 262 |
| 3 | First results from Version 7 TRMM 3B43 precipitation product in combination with a new downscaling calibration procedure. <i>Remote Sensing of Environment</i> , 2013, 131, 1-13. | 4.6 | 251 |
| 4 | Evaluation of Six High-Resolution Satellite and Ground-Based Precipitation Products over Malaysia. <i>Remote Sensing</i> , 2015, 7, 1504-1528. | 1.8 | 219 |
| 5 | Evaluation of precipitation input for SWAT modeling in Alpine catchment: A case study in the Adige river basin (Italy). <i>Science of the Total Environment</i> , 2016, 573, 66-82. | 3.9 | 212 |
| 6 | The response of lake area and vegetation cover variations to climate change over the Qinghai-Tibetan Plateau during the past 30 years. <i>Science of the Total Environment</i> , 2018, 635, 443-451. | 3.9 | 119 |
| 7 | Hydrological evaluation of open-access precipitation and air temperature datasets using SWAT in a poorly gauged basin in Ethiopia. <i>Journal of Hydrology</i> , 2019, 569, 612-626. | 2.3 | 95 |
| 8 | Benzofuran-fused Phosphole: Synthesis, Electronic, and Electroluminescence Properties. <i>Organic Letters</i> , 2013, 15, 330-333. | 2.4 | 94 |
| 9 | Multiscale Comparative Evaluation of the GPM IMERG v5 and TRMM 3B42 v7 Precipitation Products from 2015 to 2017 over a Climate Transition Area of China. <i>Remote Sensing</i> , 2018, 10, 944. | 1.8 | 84 |
| 10 | Comparison of artificial neural networks and support vector machine classifiers for land cover classification in Northern China using a SPOT-5 HRC image. <i>International Journal of Remote Sensing</i> , 2012, 33, 3301-3320. | 1.3 | 77 |
| 11 | Evaluation of Three Satellite Precipitation Products TRMM 3B42, CMORPH, and PERSIANN over a Subtropical Watershed in China. <i>Advances in Meteorology</i> , 2015, 2015, 1-13. | 0.6 | 71 |
| 12 | Variations of Lake Ice Phenology on the Tibetan Plateau From 2001 to 2017 Based on MODIS Data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 825-843. | 1.2 | 70 |
| 13 | Earth Observation Based Assessment of the Water Production and Water Consumption of Nile Basin Agro-Ecosystems. <i>Remote Sensing</i> , 2014, 6, 10306-10334. | 1.8 | 68 |
| 14 | An Improved Spatial Downscaling Procedure for TRMM 3B43 Precipitation Product Using Geographically Weighted Regression. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 4592-4604. | 2.3 | 68 |
| 15 | Estimation of Reservoir Discharges from Lake Nasser and Roseires Reservoir in the Nile Basin Using Satellite Altimetry and Imagery Data. <i>Remote Sensing</i> , 2014, 6, 7522-7545. | 1.8 | 67 |
| 16 | The Environmental Sustainability of Nations: Benchmarking the Carbon, Water and Land Footprints against Allocated Planetary Boundaries. <i>Sustainability</i> , 2015, 7, 11285-11305. | 1.6 | 67 |
| 17 | Monitoring ice variations in Qinghai Lake from 1979 to 2016 using passive microwave remote sensing data. <i>Science of the Total Environment</i> , 2017, 607-608, 120-131. | 3.9 | 67 |
| 18 | Impacts of land-use and climate variability on hydrological components in the Johor River basin, Malaysia. <i>Hydrological Sciences Journal</i> , 2015, , 1-17. | 1.2 | 60 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Characterization of droughts during 2001–2014 based on remote sensing: A case study of Northeast China. <i>Ecological Informatics</i> , 2017, 39, 56-67. | 2.3 | 60 |
| 20 | Versatile Synthesis of Phospholides from Open-Chain Precursors. Application to Annelated Pyrrole and Silole Phosphole Rings. <i>Organic Letters</i> , 2015, 17, 1732-1734. | 2.4 | 58 |
| 21 | Enhancing SWAT with remotely sensed LAI for improved modelling of ecohydrological process in subtropics. <i>Journal of Hydrology</i> , 2019, 570, 802-815. | 2.3 | 55 |
| 22 | Intramolecular, Pd/Cu-Co-catalyzed P–C Bond Cleavage and Addition onto an Alkyne: A Route to Benzophospholes. <i>Organic Letters</i> , 2015, 17, 5722-5724. | 2.4 | 54 |
| 23 | <i>P</i> -Stereogenic Phosphines Directed Copper(I)-Catalyzed Enantioselective 1,3-Dipolar Cycloadditions. <i>Organic Letters</i> , 2019, 21, 2782-2785. | 2.4 | 53 |
| 24 | Groundwater Depletion Estimated from GRACE: A Challenge of Sustainable Development in an Arid Region of Central Asia. <i>Remote Sensing</i> , 2019, 11, 1908. | 1.8 | 52 |
| 25 | 2,2-Biphospholes: Building Blocks for Tuning the HOMO–LUMO Gap of π -Systems Using Covalent Bonding and Metal Coordination. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 214-217. | 7.2 | 51 |
| 26 | Improving streamflow simulation by combining hydrological process-driven and artificial intelligence-based models. <i>Environmental Science and Pollution Research</i> , 2021, 28, 65752-65768. | 2.7 | 51 |
| 27 | Modelling glacier variation and its impact on water resource in the Urumqi Glacier No. 1 in Central Asia. <i>Science of the Total Environment</i> , 2018, 644, 1160-1170. | 3.9 | 45 |
| 28 | Hydrologic Evaluation of TRMM and GPM IMERG Satellite-based Precipitation in a Humid Basin of China. <i>Remote Sensing</i> , 2019, 11, 431. | 1.8 | 42 |
| 29 | Synthetic Applications of Transition-Metal-Catalyzed C–P Bond Cleavage. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2164-2173. | 1.7 | 41 |
| 30 | A novel hybrid dragonfly optimization algorithm for agricultural drought prediction. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 2459-2477. | 1.9 | 39 |
| 31 | Assessing glacier retreat and its impact on water resources in a headwater of Yangtze River based on CMIP6 projections. <i>Science of the Total Environment</i> , 2021, 765, 142774. | 3.9 | 38 |
| 32 | A double instrumental variable method for geophysical product error estimation. <i>Remote Sensing of Environment</i> , 2019, 225, 217-228. | 4.6 | 36 |
| 33 | Synthesis of Annelated Phospholes through Intramolecular C–H Activation by Monovalent Phosphorus. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1583-1586. | 7.2 | 35 |
| 34 | Ag/P-Stereogenic Phosphine-Catalyzed Enantioselective 1,3-Dipolar Cycloadditions: A Method to Optically Active Pyrrolidines. <i>Organic Letters</i> , 2019, 21, 3210-3213. | 2.4 | 35 |
| 35 | Phosphine/Palladium Cooperative Catalysis: (4 + 3) Annulations of Morita–Baylis–Hillman Carbonates and Vinyl Benzoxazinones. <i>Journal of Organic Chemistry</i> , 2019, 84, 15323-15330. | 1.7 | 33 |
| 36 | Spatiotemporal changes of terrestrial water storage and possible causes in the closed Qaidam Basin, China using GRACE and GRACE Follow-On data. <i>Journal of Hydrology</i> , 2021, 598, 126274. | 2.3 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Activation of A-H bonds (A = B, C, N, O, Si) by using monovalent phosphorus complexes [RP ⁺ M]. Dalton Transactions, 2016, 45, 1804-1809. | 1.6 | 32 |
| 38 | Evaluation of three energy balance-based evaporation models for estimating monthly evaporation for five lakes using derived heat storage changes from a hysteresis model. Environmental Research Letters, 2017, 12, 024005. | 2.2 | 32 |
| 39 | Formation of silacycles via metal-mediated or catalyzed Si-C bond cleavage. Science Bulletin, 2013, 58, 307-315. | 1.7 | 31 |
| 40 | Monitoring Water Quality of Valle de Bravo Reservoir, Mexico, Using Entire Lifespan of MERIS Data and Machine Learning Approaches. Remote Sensing, 2020, 12, 1586. | 1.8 | 30 |
| 41 | A new empirical procedure for estimating intra-annual heat storage changes in lakes and reservoirs: Review and analysis of 22 lakes. Remote Sensing of Environment, 2015, 156, 143-156. | 4.6 | 29 |
| 42 | Monthly and annual validation of TRMM Multisatellite Precipitation Analysis (TMPA) products in the Caspian Sea Region for the period 1999–2003. , 2012, , . | | 28 |
| 43 | BrÃnsted Acid Tuned, Lewis Base Promoted [4 + 2] Annulation Reactions of Allenolates with Electronâ€Deficient Olefins. European Journal of Organic Chemistry, 2018, 2018, 4917-4925. | 1.2 | 27 |
| 44 | Performance of Multiple Satellite Precipitation Estimates over a Typical Arid Mountainous Area of China: Spatiotemporal Patterns and Extremes. Journal of Hydrometeorology, 2020, 21, 533-550. | 0.7 | 25 |
| 45 | Synthesis of 1,3-Azaphospholes with Pyrrolo[1,2- <i>a</i>]quinoline Skeleton and Their Optical Applications. Organic Letters, 2018, 20, 4103-4106. | 2.4 | 24 |
| 46 | Zwitterionic <i>nido</i> -Carborane-Fused Phospholes. Organic Letters, 2019, 21, 2273-2276. | 2.4 | 22 |
| 47 | The impact of the Madden-Julian Oscillation on hydrological extremes. Journal of Hydrology, 2019, 571, 142-149. | 2.3 | 21 |
| 48 | Impact of temporal precipitation variability on ecosystem productivity. Wiley Interdisciplinary Reviews: Water, 2020, 7, e1481. | 2.8 | 21 |
| 49 | Resonanceâ€Mediated Dynamic Modulation of Perovskite Crystallization for Efficient and Stable Solar Cells. Advanced Materials, 2022, 34, e2107111. | 11.1 | 21 |
| 50 | Integration of remotely sensed C factor into SWAT for modelling sediment yield. Hydrological Processes, 2011, 25, 3387-3398. | 1.1 | 20 |
| 51 | 1,2â€Dihydrophosphate: A Platform for the Molecular Engineering of Electroluminescent Phosphorus Materials for Lightâ€Emitting Devices. Chemistry - A European Journal, 2014, 20, 9784-9793. | 1.7 | 20 |
| 52 | The Chemistry of <i>ortho</i> -(Diarylphosphino)aryl Isocyanides. Organometallics, 2015, 34, 5697-5702. | 1.1 | 20 |
| 53 | Phosphorus and silicon-bridged stilbenes: synthesis and optoelectronic properties. Dalton Transactions, 2016, 45, 18308-18312. | 1.6 | 20 |
| 54 | Copper(<i>scp</i>)/Ganphos catalysis: enantioselective synthesis of diverse spirooxindoles using iminoesters and alkyl substituted methyleneindolinones. Organic and Biomolecular Chemistry, 2020, 18, 3740-3746. | 1.5 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Design of 1-Phosphanorbornene Derivatives as Chiral Organocatalysts for Enantioselective (4 + 2) Annulation Reactions of \hat{I}^3 -Benzyl Allenates. <i>Organic Letters</i> , 2021, 23, 3337-3342. | 2.4 | 20 |
| 56 | Integration of Remote Sensing and Mexican Water Quality Monitoring System Using an Extreme Learning Machine. <i>Sensors</i> , 2021, 21, 4118. | 2.1 | 20 |
| 57 | Stepwise modeling and the importance of internal variables validation to test model realism in a data scarce glacier basin. <i>Journal of Hydrology</i> , 2020, 591, 125457. | 2.3 | 19 |
| 58 | Bimetallic Gold(I) Complexes with Ethynyl- \hat{I}^3 -Helicene and Bis- \hat{I}^3 -Phosphole Ligands: Understanding the Role of Auophilic Interactions in their Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 6075-6086. | 1.7 | 18 |
| 59 | Planar Polycyclic Oxaphosphoranes Incorporating a Benzophosphole Unit. <i>Organic Letters</i> , 2017, 19, 5814-5817. | 2.4 | 18 |
| 60 | Phosphine-catalyzed regiodivergent annulations of \hat{I}^3 -substituted allenates with conjugated dienes. <i>Chemical Communications</i> , 2019, 55, 10120-10123. | 2.2 | 18 |
| 61 | Global sensitivity analysis of the APSIM-Oryza rice growth model under different environmental conditions. <i>Science of the Total Environment</i> , 2019, 651, 953-968. | 3.9 | 18 |
| 62 | Preliminary Utility of the Retrospective IMERG Precipitation Product for Large-Scale Drought Monitoring over Mainland China. <i>Remote Sensing</i> , 2020, 12, 2993. | 1.8 | 18 |
| 63 | Synthesis and X-ray Crystal Structure of a P-Confused Carbaporphyrinoid. <i>Organometallics</i> , 2007, 26, 3617-3620. | 1.1 | 17 |
| 64 | A New Versatile Route for the Conversion of Phospholes into Phosphinines. <i>Chemistry - A European Journal</i> , 2010, 16, 10659-10661. | 1.7 | 17 |
| 65 | Spatiotemporal analysis of nonlinear trends in precipitation over Germany during 1951-2013 from multiple observation-based gridded products. <i>International Journal of Climatology</i> , 2019, 39, 2120-2135. | 1.5 | 17 |
| 66 | Enantio- and Diastereoselective Synthesis of \hat{I}^2 -Aryl- \hat{I}^2 -pyrazolyl \hat{I}^3 -Amino Acid Esters via Copper-Catalyzed Reaction of Azomethine Ylides with Benzylidenepyrazolones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1389-1393. | 2.1 | 17 |
| 67 | Evaluation and Hydrological Application of CMADS Reanalysis Precipitation Data against Four Satellite Precipitation Products in the Upper Huaihe River Basin, China. <i>Journal of Meteorological Research</i> , 2020, 34, 1096-1113. | 0.9 | 17 |
| 68 | Cleavage of the Inert C(sp ²)-Ar \hat{I}^3 -Bond of Alkenes by a Spatial Constrained Interaction with Phosphinidene. <i>Journal of the American Chemical Society</i> , 2020, 142, 20973-20978. | 6.6 | 17 |
| 69 | Phosphindole fused pyrrolo[3,2- <i>b</i>]pyrroles: a new single-molecule junction for charge transport. <i>Dalton Transactions</i> , 2019, 48, 6347-6352. | 1.6 | 16 |
| 70 | Reaction of Phospholes with Aldimines: A One-Step Synthesis of Chelating, Alpha-C2-Bridged Biphospholes. <i>Organic Letters</i> , 2015, 17, 3518-3520. | 2.4 | 15 |
| 71 | The chemistry of parent phosphiranide in the coordination sphere of tungsten. <i>Dalton Transactions</i> , 2016, 45, 8284-8290. | 1.6 | 15 |
| 72 | Blocking Intramolecular Cycloadditions between C \hat{I}^2 -C Triple Bonds and Electrophilic Phosphinidene Complexes: Generation of Intermediates Able To React with Arenes. <i>Organometallics</i> , 2016, 35, 3440-3443. | 1.1 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Changes of Grassland Rain Use Efficiency and NDVI in Northwestern China from 1982 to 2013 and Its Response to Climate Change. <i>Water (Switzerland)</i> , 2018, 10, 1689. | 1.2 | 15 |
| 74 | Regioselective Synthesis of 2- or 2,7-Functionalized Pyrenes via Migration. <i>Organic Letters</i> , 2018, 20, 7821-7824. | 2.4 | 15 |
| 75 | Iodocarbocyclization to Access Six- and Seven-Membered Phosphacycles from Phosphoryl-Linked Alkynes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6369-6376. | 1.2 | 15 |
| 76 | The Chemistry of λ^5 -Acylphosphirane Complexes: A Phosphorus Analogue of the Cloke-Wilson Rearrangement. <i>Chemistry - A European Journal</i> , 2017, 23, 13006-13009. | 1.7 | 14 |
| 77 | Can We Use Satellite-Based FAPAR to Detect Drought?. <i>Sensors</i> , 2019, 19, 3662. | 2.1 | 14 |
| 78 | Divergent intramolecular reactions between phosphines and alkynes. <i>Chinese Chemical Letters</i> , 2020, 31, 329-332. | 4.8 | 14 |
| 79 | New Access to Six-Membered Phosphacycle Annulated Polyaromatic Ring System. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 697-701. | 1.2 | 14 |
| 80 | A New Machine Learning Approach in Detecting the Oil Palm Plantations Using Remote Sensing Data. <i>Remote Sensing</i> , 2021, 13, 236. | 1.8 | 14 |
| 81 | A Very Simple Synthesis of Annelated λ^3 - and λ^5 -Phosphanaphthalenes. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2355-2362. | 1.0 | 13 |
| 82 | Mapping diurnal cycles of precipitation over China through clustering. <i>Journal of Hydrology</i> , 2021, 592, 125804. | 2.3 | 13 |
| 83 | An approach to 7-aza-1-phosphanorbornane complexes: strain promoted rearrangement of 1-iminylphosphirane complexes and cycloaddition with olefins. <i>Dalton Transactions</i> , 2019, 48, 5523-5526. | 1.6 | 12 |
| 84 | Auto-tandem palladium/phosphine cooperative catalysis: synthesis of bicyclo[3.1.0]hexenes by selective activation of Morita-Baylis-Hillman carbonates. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3366-3371. | 2.3 | 12 |
| 85 | Effects of Climate Variability on Evaporation in Dongping Lake, China, during 2003-2010. <i>Advances in Meteorology</i> , 2013, 2013, 1-11. | 0.6 | 11 |
| 86 | Estimation of Lake Outflow from the Poorly Gauged Lake Tana (Ethiopia) Using Satellite Remote Sensing Data. <i>Remote Sensing</i> , 2018, 10, 1060. | 1.8 | 11 |
| 87 | Phosphine-Catalyzed (4 + 2) Cycloaddition of Conjugated Dienes with Enones and Its Asymmetric Variant. <i>Organic Letters</i> , 2021, 23, 3094-3099. | 2.4 | 11 |
| 88 | Phosphine-Catalyzed [3+2] Annulations with λ^3 -Methyl Allenates. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 2196. | 0.6 | 11 |
| 89 | Dimethyl Acetylenedicarboxylate and Phospholes: A Variety of Reaction Pathways. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5498-5502. | 1.2 | 10 |
| 90 | 6-Methoxy-5-phosphaphenanthrene: a molecule with an unreactive P=C double bond. <i>Dalton Transactions</i> , 2015, 44, 3717-3719. | 1.6 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Insertion of phosphinidene complexes into the P-H bond of secondary phosphine oxides: a new version of the phospho-Wittig synthesis of P=C double bonds. <i>Dalton Transactions</i> , 2016, 45, 891-893. | 1.6 | 10 |
| 92 | Selective Synthesis of (<i>Z</i>)-Diazadiphosphafulvalene from 2,2-bis-Azaphosphindole. <i>Organic Letters</i> , 2018, 20, 1027-1030. | 2.4 | 10 |
| 93 | An Approach to Peri-Fused Heterocycles: A Metal-Mediated Cascade Carbonylative Cyclization/De-aromatic Diels-Alder Reaction. <i>Organic Letters</i> , 2019, 21, 9512-9515. | 2.4 | 10 |
| 94 | Hetero-Diels-Alder reactions of 2H-phospholes with allenes: synthesis and functionalization of 6-methylene-1-phosphanorbornenes. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3740-3745. | 2.3 | 10 |
| 95 | Improving generalisation capability of artificial intelligence-based solar radiation estimator models using a bio-inspired optimisation algorithm and multi-model approach. <i>Environmental Science and Pollution Research</i> , 2022, 29, 27719-27737. | 2.7 | 10 |
| 96 | A Phospho-Wittig Route to 5-Phosphaphenanthrene. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4585-4589. | 1.0 | 9 |
| 97 | Transition-Metal-Like Reversible Cycloadditions of [η^5 -BuSP(W)(CO) ₅] with Alkenes and Alkynes. <i>Chemistry - A European Journal</i> , 2019, 25, 15036-15039. | 1.7 | 9 |
| 98 | The chemistry of phosphirane-substituted phosphinidene complexes. <i>Chemical Communications</i> , 2020, 56, 9707-9710. | 2.2 | 9 |
| 99 | Evaluation of TMPA Satellite Precipitation in Driving VIC Hydrological Model over the Upper Yangtze River Basin. <i>Water (Switzerland)</i> , 2020, 12, 3230. | 1.2 | 9 |
| 100 | Synthesis of phosphanaphthalenes and nido-carborane fused six-membered phosphacycles. <i>Chinese Chemical Letters</i> , 2021, 32, 194-197. | 4.8 | 9 |
| 101 | Diastereodivergent synthesis of fully disubstituted spiro[indoline-3,2-pyrrolidin]-2-ones via tuneable Lewis base/Brønsted base-promoted (3 + 2) cycloadditions. <i>Organic Chemistry Frontiers</i> , 2021, 9, 19-24. | 2.3 | 9 |
| 102 | Assessing the Effects of Time Interpolation of NDVI Composites on Phenology Trend Estimation. <i>Remote Sensing</i> , 2021, 13, 5018. | 1.8 | 9 |
| 103 | Simple Access to Tungsten-Stabilized Disecondary Diphosphines. <i>Organometallics</i> , 2013, 32, 5615-5618. | 1.1 | 8 |
| 104 | Extreme Precipitation and Floods: Monitoring, Modelling, and Forecasting. <i>Advances in Meteorology</i> , 2017, 2017, 1-3. | 0.6 | 8 |
| 105 | Reactivity of sp ² Nitrogen and Phosphorus in a Stable Imidazolophosphinine. <i>Organometallics</i> , 2018, 37, 464-468. | 1.1 | 8 |
| 106 | A Straightforward Synthesis of 1,2-Azaphosphindoles. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2504-2509. | 1.0 | 7 |
| 107 | Generation and Trapping of a 1-Phosphafulvene: An Illustration of the P=C/C-C Analogy. <i>Organic Letters</i> , 2017, 19, 5004-5006. | 2.4 | 7 |
| 108 | Cooperative palladium-catalyzed P(NEt ₂) ₃ -mediated (4 + 1) annulation of isatins with 2-hydroxymethylallylcarbonates. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3215-3221. | 2.3 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Investigating the Phospholylcarbene to Phosphinine Conversion. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1540-1543. | 1.0 | 6 |
| 110 | A Phosphorus Analogue of Acenaphthylene. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5724-5728. | 1.2 | 6 |
| 111 | Blue Electrofluorescence Properties of Furan-Silole Ladder Pi-Conjugated Systems. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 812. | 1.3 | 6 |
| 112 | Cyclization of ortho-alkynylphenylphosphine P-ylides; dependence on ylide nucleophilicity. <i>Journal of Organometallic Chemistry</i> , 2019, 879, 158-161. | 0.8 | 6 |
| 113 | FeCl ₂ Catalyzed Three-Component Reactions of Phospholes, Pyrrolidine, and Ketones (Aldehydes): Chemoselective Synthesis of 1-Phosphafulvenes. <i>Organic Letters</i> , 2021, 23, 2943-2947. | 2.4 | 6 |
| 114 | Using Integrated Hydrological Models to Assess the Impacts of Climate Change on Discharges and Extreme Flood Events in the Upper Yangtze River Basin. <i>Water (Switzerland)</i> , 2021, 13, 299. | 1.2 | 6 |
| 115 | Icesat-derived water level variations of roseires reservoir (Sudan) in the Nile Basin. , 2013, , . | | 5 |
| 116 | Concise Synthesis of Phospholene and Its P-Stereogenic Derivatives. <i>Journal of Organic Chemistry</i> , 2020, 85, 14772-14778. | 1.7 | 5 |
| 117 | Mapping regional surface water volume variation in reservoirs in northeastern Brazil during 2009-2017 using high-resolution satellite images. <i>Science of the Total Environment</i> , 2021, 789, 147711. | 3.9 | 5 |
| 118 | Dearomatization [4+2] Cycloaddition of Nonactivated Benzene Derivatives. <i>Organic Letters</i> , 2022, 24, 4404-4408. | 2.4 | 5 |
| 119 | Activation of CS ₂ with the 2-H-Phosphindole Complex to Construct P,S-Polycycles. <i>Organic Letters</i> , 2022, 24, 6117-6121. | 2.4 | 5 |
| 120 | The Unexpected Reactions of Boron Trihalides with 7-Phosphanorbornadiene Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 6254-6260. | 1.0 | 4 |
| 121 | λ ³ -Pyrroloazaphosphinines with Relatively Stable P=C Double Bonds. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2863-2869. | 1.2 | 4 |
| 122 | 1,1-Addition of λ ² -Bridged Biphospholes with Alkynes. <i>Organic Letters</i> , 2020, 22, 6972-6976. | 2.4 | 4 |
| 123 | Cycloadditions of 1-iminylphosphirane complexes with allenes. <i>Chinese Chemical Letters</i> , 2021, 32, 449-452. | 4.8 | 4 |
| 124 | Recent Advances in Luminescent Annulated Borepins, Silepins, and Phosphepins. <i>Synthesis</i> , 2021, 53, 623-635. | 1.2 | 4 |
| 125 | Nonbenzenoid aromaticity of 1-phosphafulvenes: synthesis of phosphacymantrenes. <i>Dalton Transactions</i> , 2021, 50, 476-479. | 1.6 | 4 |
| 126 | A facile access to mono-C-alkynylated-o-carboranes from o-carboranes and arylsulfonylacetylenes. <i>Chinese Chemical Letters</i> , 2022, 33, 201-204. | 4.8 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Comparison of traditional method and triple collocation analysis for evaluation of multiple gridded precipitation products across Germany. Journal of Hydrometeorology, 2021, , . | 0.7 | 4 |
| 128 | Recent Advances of [1,5]-Sigmatropic Shift of Phospholes. Chinese Journal of Organic Chemistry, 2013, 33, 36. | 0.6 | 4 |
| 129 | Intermolecular Cyclization between Carboranylphosphines and Electron-Deficient Alkynes. Organometallics, 2021, 40, 4041-4044. | 1.1 | 4 |
| 130 | Intramolecular Activation of Enones by Electrophilic Phosphinidene Complexes to Construct 2-Phosphafurans. Organic Letters, 2022, 24, 767-770. | 2.4 | 4 |
| 131 | Mn ₂ (CO) ₁₀ -Catalyzed Intramolecular Dimerization of Diphosphirane Complexes. Organometallics, 2021, 40, 306-309. | 1.1 | 3 |
| 132 | Synthesis of Polycyclic Phosphacycles via 1-Phosphafulvene. Chinese Journal of Organic Chemistry, 2019, 39, 2277. | 0.6 | 3 |
| 133 | Tandem [5 + 1]/[8 + 2] cycloaddition reactions involving phosphiranes and tropones: facile access to 6,5,7-fused tricyclic skeletons. Organic Chemistry Frontiers, 2022, 9, 2753-2758. | 2.3 | 3 |
| 134 | Chemo- and Regioselectivity-Tunable Phosphination of Alkynes. Organic Letters, 2022, 24, 1550-1555. | 2.4 | 3 |
| 135 | Using fuzzy approach to build a continuous relationship between SCS curve number and soil properties. , 2011, , . | | 2 |
| 136 | Evaluating the impact of the environment on depleting groundwater resources: a case study from a semi-arid and arid climatic region. Hydrological Sciences Journal, 2022, 67, 791-805. | 1.2 | 2 |
| 137 | Mapping Cover and Management Factor Based on Weather Generator and Remote Sensing. , 2008, , . | | 1 |
| 138 | Application of SWAT for sediment yield estimation in a mountainous agricultural basin. , 2009, , . | | 1 |
| 139 | An Unconventional Synthesis of Dibromophosphines. Synlett, 2013, 24, 2006-2008. | 1.0 | 1 |
| 140 | Characterizing spatial and temporal variations of surface temperature of Lake Tana (Ethiopia) using MODIS data. , 2013, , . | | 1 |
| 141 | Synthesis, Structure and Coordination Chemistry of an η^5 -Iminophosphaferrocene. Chinese Journal of Organic Chemistry, 2018, 38, 277. | 0.6 | 1 |
| 142 | Front Cover: A Phosphorus Analogue of Acenaphthylene (Eur. J. Org. Chem. 38/2017). European Journal of Organic Chemistry, 2017, 2017, 5708-5708. | 1.2 | 0 |
| 143 | Insight into fragmentation of a phosphirane to form phosphinidene complexes: an illustration with the 1-phenylselenylphosphirane W(CO) ₅ complex. Dalton Transactions, 2022, 51, 3046-3050. | 1.6 | 0 |