# Hongyu Wang

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 48 papers | 1,025 citations | 430874 18 h-index | 454955 30 g-index |
| 48 all docs | 48 docs citations | 48 times ranked | 1457 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Calix[4]pyrroleâ€based Crosslinked Polymer Networks for Highly Effective Iodine Adsorption from Water. Angewandte Chemie - International Edition, 2022, 61, . | 13.8 | 67 |
| 2 | Calix[4]pyrroleâ€Crosslinked Porous Polymeric Networks for the Removal of Micropollutants from Water. Angewandte Chemie - International Edition, 2021, 60, 7188-7196. | 13.8 | 69 |
| 3 | Human drug efflux transporter ABCC5 confers acquired resistance to pemetrexed in breast cancer. Cancer Cell International, 2021, 21, 136. | 4.1 | 18 |
| 4 | Calix[4]pyrroleâ€Crosslinked Porous Polymeric Networks for the Removal of Micropollutants from Water. Angewandte Chemie, 2021, 133, 7264-7272. | 2.0 | 13 |
| 5 | Synthesis, molecular structure and photovoltaic performance for polythiophenes with Î²-carboxylate side chains. Journal of Polymer Research, 2021, 28, 1. | 2.4 | 1 |
| 6 | Fluorescent Supramolecular Organic Frameworks Constructed by Amidiniumâ€Carboxylate Salt Bridges. Chemistry - A European Journal, 2021, 27, 15006-15012. | 3.3 | 18 |
| 7 | Removal of Organic Micropollutants from Water by Macrocycleâ€Containing Covalent Polymer Networks. Angewandte Chemie - International Edition, 2020, 59, 23402-23412. | 13.8 | 78 |
| 8 | Removal of Organic Micropollutants from Water by Macrocycleâ€Containing Covalent Polymer Networks. Angewandte Chemie, 2020, 132, 23608-23618. | 2.0 | 11 |
| 9 | Improving the Fill Factor of Perovskite Solar Cells by Employing an Amine-tethered Diketopyrrolopyrrole-Based Polymer as the Dopant-free Hole Transport Layer. ACS Applied Energy Materials, 2020, 3, 9600-9609. | 5.1 | 26 |
| 10 | A novel fluorescent probe for the early detection of prostate cancer based on endogenous zinc sensing. Prostate, 2019, 79, 1406-1413. | 2.3 | 13 |
| 11 | Amidiniumâ€“carboxylate salt bridge mediated proton-coupled electron transfer in a donorâ€“acceptor supramolecular system. Organic Chemistry Frontiers, 2019, 6, 584-590. | 4.5 | 9 |
| 12 | Diketopyrrolopyrrole-based fluorescence probes for the imaging of lysosomal Zn<sup>2+</sup> and identification of prostate cancer in human tissue. Chemical Science, 2019, 10, 5699-5704. | 7.4 | 54 |
| 13 | Fluorinated dithienyl-diketopyrrolopyrrole: a new building block for organic optoelectronic materials. New Journal of Chemistry, 2019, 43, 16411-16420. | 2.8 | 8 |
| 14 | AAAAâ€“DDDD Quadruple H-Bond-Assisted Ionic Interactions: Robust Bis(guanidinium)/Dicarboxylate Heteroduplexes in Water. Journal of the American Chemical Society, 2019, 141, 20146-20154. | 13.7 | 17 |
| 15 | A diketopyrrolopyrrole-based fluorescent probe for investigating mitochondrial zinc ions. New Journal of Chemistry, 2018, 42, 3493-3502. | 2.8 | 25 |
| 16 | Vinazene end-capped acceptor-donor-acceptor type small molecule for solution-processed organic solar cells. Organic Electronics, 2017, 44, 11-19. | 2.6 | 5 |
| 17 | An acrylated fullerene derivative for efficient and thermally stable polymer solar cells. Tetrahedron Letters, 2017, 58, 2695-2699. | 1.4 | 4 |
| 18 | Perylenediimide derivatives based on a dendritic oligothiophene core as electron acceptor for use in polymer solar cells. Dyes and Pigments, 2017, 139, 498-508. | 3.7 | 14 |

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|---|---|---|---|
| 19 | Phthalimide and Naphthalimide endâ€Capped Diketopyrrolopyrrole for Organic Photovoltaic Applications. Chinese Journal of Chemistry, 2017, 35, 1396-1404. | 4.9 | 5 |
| 20 | Molecular geometry regulation of bay -phenyl substituted perylenediimide derivatives with bulky alkyl chain for use in organic solar cells as the electron acceptor. Dyes and Pigments, 2017, 136, 335-346. | 3.7 | 14 |
| 21 | Nickel-Catalyzed Reductive Methylation of Alkyl Acid with Methyl p-Tosylate. Chinese Journal of Organic Chemistry, 2017, 37, 1830. | 1.3 | 1 |
| 22 | Synthesis of fluorinated diphenyl-diketopyrrolopyrrole derivatives as new building blocks for conjugated copolymers. Polymer Chemistry, 2016, 7, 3311-3324. | 3.9 | 17 |
| 23 | Influence of para -alkyl chain length of the bay -phenyl unit on properties and photovoltaic performance of asymmetrical perylenediimide derivatives. Dyes and Pigments, 2016, 126, 86-95. | 3.7 | 19 |
| 24 | A 9,9â€²-spirobi[9H-fluorene]-cored perylenediimide derivative and its application in organic solar cells as a non-fullerene acceptor. Chemical Communications, 2016, 52, 1649-1652. | 4.1 | 97 |
| 25 | Benzodithiophene-Cored Small Optoelectronic Molecules: Influence of Extension Direction of Conjugated Segments. Chinese Journal of Organic Chemistry, 2016, 36, 1586. | 1.3 | 1 |
| 26 | Solutionâ€Processable Platinumâ€Acetylideâ€based Small Molecular Bulk Heterojunction Solar Cells. Chinese Journal of Chemistry, 2015, 33, 917-924. | 4.9 | 5 |
| 27 | Ethynylene-linked benzo[1,2-b:4,5-bâ€²]dithiophene-alt-diketopyrrolopyrrole alternating copolymer: optoelectronic properties, film morphology and photovoltaic applications. Journal of Materials Chemistry A, 2015, 3, 12972-12981. | 10.3 | 17 |
| 28 | Guanidinium-dendronized perylene bisimides as stable, water-soluble fluorophores for live-cell imaging. New Journal of Chemistry, 2013, 37, 2983. | 2.8 | 10 |
| 29 | Structural modification of thieno[3,4-c]pyrrole-4,6-dione: structureâ€“property relationships and application in solution-processed small-molecule organic solar cells. Journal of Materials Chemistry A, 2013, 1, 5875. | 10.3 | 20 |
| 30 | Oligo(pâ€phenyleneethynylene)â€functionalized Perylenebisimidetriad: Synthesis, Photophysical Properties, and Selfâ€assembly. Chinese Journal of Chemistry, 2013, 31, 277-282. | 4.9 | 1 |
| 31 | The Role of Additive in DiketopyrrolopyrroleâBased Small Molecular Bulk Heterojunction Solar Cells. Advanced Materials, 2013, 25, 6519-6525. | 21.0 | 59 |
| 32 | Stable and good color purity white lightâ€emitting devices based on random fluorene/spirofluorene copolymers doped with iridium complex. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 180-188. | 2.1 | 10 |
| 33 | Copolymerization of 3,3â€²â€²â€²-didodecylquaterthiophene with fluorene and silole units: improving photovoltaic performance by tuning energy levels. Polymer Chemistry, 2012, 3, 2794. | 3.9 | 9 |
| 34 | Topological Arrangement of Fluorenyl-Substituted Carbazole Triads and Starbursts: Synthesis and Optoelectronic Properties. Journal of Physical Chemistry C, 2011, 115, 6961-6967. | 3.1 | 65 |
| 35 | Fluorescence â€œturn-onâ€•metal ion sensors based on switching of intramolecular charge transfer of donorâ€“acceptor systems. Sensors and Actuators B: Chemical, 2010, 150, 798-805. | 7.8 | 31 |
| 36 | Rod-like pyreneâ€“perylene bisimide molecular triads: Synthesis and photophysical properties. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 211, 115-122. | 3.9 | 14 |

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|---|---|---|---|
| 37 | Electroluminescence performance of organic light-emitting devices with KCl inside hole transport layer. Journal of Luminescence, 2009, 129, 1390-1392. | 3.1 | 5 |
| 38 | Two novel oligomers based on fluorene and pyridine: Correlation between the structures and optoelectronic properties. Journal of Polymer Science Part A, 2008, 46, 1548-1558. | 2.3 | 7 |
| 39 | Synthesis and optoelectronic characterization of poly(fluorenylethynylene)s containing perylene bisimide moiety in the backbone. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 1932-1938. | 2.1 | 6 |
| 40 | Optical properties of Nd(TTA)3(TPPO)2 doped polymer and its potential laser application. Optical Materials, 2008, 30, 1531-1537. | 3.6 | 20 |
| 41 | Monodisperse star-shaped compound and its blend in uncapped polyfluorene matrices as the active materials for high-performance pure blue light-emitting devices. Applied Physics Letters, 2007, 90, 141909. | 3.3 | 20 |
| 42 | Synthesis and characterization of cross-shaped pâ€“n diblock oligomers. Journal of Polymer Science Part A, 2007, 45, 1066-1073. | 2.3 | 17 |
| 43 | Synthesis of grafted poly(pâ€phenyleneethynylene) with energy donorâ€“acceptor architecture via atom transfer radical polymerization: Towards nonaggregating and holeâ€facilitating lightâ€emitting material. Journal of Polymer Science Part A, 2007, 45, 3776-3787. | 2.3 | 25 |
| 44 | Spectrum-stable hyperbranched polyfluorene with photocrosslinkable group. Polymer, 2007, 48, 4412-4418. | 3.8 | 20 |
| 45 | Cruciform pâ€“n diblock conjugated oligomers for electroluminescent applications. New Journal of Chemistry, 2006, 30, 667-670. | 2.8 | 33 |
| 46 | Novel oligomers based on fluorene and 2,4-difluorobenzene: Correlation between the structures and optical properties. Journal of Polymer Science Part A, 2006, 44, 4346-4353. | 2.3 | 8 |
| 47 | New pâ€“n diblock and triblock oligomers: effective tuning of HOMO/LUMO energy levels. Tetrahedron Letters, 2006, 47, 2829-2833. | 1.4 | 9 |
| 48 | Calix[4]pyrroleâ€based Crosslinked Polymer Networks for Highly Eï¬€ective Iodine Adsorption from Water. Angewandte Chemie, 0, , . | 2.0 | 10 |