# Xingqiang LÃ¼

List of Publications by Year
in descending order

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| 56 | 989 | 361413 | 477307 |
|---|---|---|---|
| papers | citations | 20 | 29 |
| | | h-index | g-index |

| 56 | 56 | 56 | 922 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | ESIPT-capable Eu<sup>3+</sup>-metallopolymer with colour-tunable emission for selective visual sensing of Zn<sup>2+</sup> ion. Journal of Materials Chemistry C, 2022, 10, 1090-1096. | 5.5 | 14 |
| 2 | C <sub>1</sub>-Symmetrical [Ir(C^N<sup>1</sup>)(C^N<sup>2</sup>)(N^O)]-tris-heteroleptic Ir(<scp>iii</scp>)-complexes with one strong N^O-ancillary Ï€-donor for efficient all-solution-processed near-infrared (NIR) polymer light-emitting diodes (PLEDs). Journal of Materials Chemistry C, 2022, 10, 3178-3187. | 5.5 | 3 |
| 3 | Tetraphenylethylene-based Eu<sup>3+</sup>-metallopolymers with aggregation-enhanced white emission for self-calibrating temperature sensing and white light-emitting diodes (WLEDs). Journal of Materials Chemistry C, 2022, 10, 7586-7593. | 5.5 | 14 |
| 4 | Asymmetric Tris-Heteroleptic Cyclometalated Phosphorescent Iridium(III) Complexes: An Emerging Class of Metallophosphors. Accounts of Materials Research, 2022, 3, 830-842. | 11.7 | 36 |
| 5 | High-performance near-infrared (NIR) polymer light-emitting diodes (PLEDs) based on bipolar Ir(<scp>iii</scp>)-complex-grafted polymers. Journal of Materials Chemistry C, 2021, 9, 173-180. | 5.5 | 14 |
| 6 | Smooth color tuning of polymer and Eu3+-metallopolymer via post-modification effects of BF2-chelation. Journal of Luminescence, 2021, 231, 117790. | 3.1 | 2 |
| 7 | Efficient all-solution-processing deep-red polymer light-emitting diodes (PLEDs) based on [Ir(dpqx)2(N^O)]-heteroleptic complexes with asymmetric N^O-ancillary Ï€-donors. Journal of Luminescence, 2021, 232, 117843. | 3.1 | 1 |
| 8 | Efficient all-solution-processed near-infrared (NIR) polymer light-emitting diode (PLED) based on the [Ir(C^N1)2(C^N2)]-heteroleptic Ir(III)-complex [Ir(iqbt)2(Br-ppy)]. Journal of Luminescence, 2021, 231, 117770. | 3.1 | 1 |
| 9 | C1-Symmetric [Ir(C^N1)(C^N2)(N^O)]-tris-heteroleptic Ir(iii)-complexes with a horizontal orientation for efficient near-infrared (NIR) polymer light-emitting diodes (PLEDs). Journal of Materials Chemistry C, 2021, 9, 8337-8344. | 5.5 | 7 |
| 10 | Geometrically isomeric [Ir(iqbt)(ppy)(hpa)] complexes with differential molecule orientations for efficient near-infrared (NIR) polymer light-emitting diodes (PLEDs). Journal of Materials Chemistry C, 2021, 9, 12068-12072. | 5.5 | 3 |
| 11 | All-Solution-Processed Multilayered White Polymer Light-Emitting Diodes (WPLEDs) Based on Cross-Linked [Ir(4-vb-PBI)<sub>2</sub>(acac)]. ACS Applied Materials & Interfaces, 2021, 13, 11096-11107. | 8.0 | 4 |
| 12 | C 1 â€Symmetric [Ir(C^N 1 )(C^N 2 )(O^O)]â€•Tris â€Heteroleptic Iridium(III)â€Complexes with the Preferentially Horizontal Orientation for Highâ€Performance Nearâ€Infrared Organic Lightâ€Emitting Diodes. Advanced Optical Materials, 2021, 9, 2100117. | 7.3 | 11 |
| 13 | Single-component white-light-emitting Eu3+-metallopolymer for near-ultraviolet white light-emitting diode (n-UV-WLED). Journal of Luminescence, 2021, 233, 117897. | 3.1 | 1 |
| 14 | Eu3+-to-Cr3+ energy transfer for the improved Cr3+- characteristic near-infrared (NIR) phosphorescence in the Cr(III)-Eu(III)-Salen complex. Inorganic Chemistry Communication, 2021, 132, 108811. | 3.9 | 2 |
| 15 | Controlling emitting dipole orientations by N^O-ancillary electronic effects of [Ir(C^N)<sub>2</sub>(N^O)]-heteroleptic Ir(<scp>iii</scp>)-complexes towards efficient near-infrared (NIR) polymer light-emitting diodes (PLEDs). Journal of Materials Chemistry C, 2021, 9, 16751-16761. | 5.5 | 2 |
| 16 | Efficient near-infrared (NIR) polymer light-emitting diode (PLED) based on the binuclear [(C^N)2Ir-(bis-N^O)-Ir(C^N)2] complex with aggregation-induced phosphorescent enhancement (AIPE) character. Journal of Luminescence, 2020, 218, 116847. | 3.1 | 17 |
| 17 | Efficient and exclusively NIR-emitting (Î»em = 780Ânm) [Ir(C^N)2(O^O)]-heteroleptic complexes with Î²-diketonate- or pyrazolonate-typed O^O-chelate ancillary. Journal of Luminescence, 2020, 220, 116983. | 3.1 | 3 |
| 18 | Ternary complex [Sm(acac)3(5-Br-2,2â€²-bpy)] for the solution-processed white polymer light-emitting diode (WPLED). Optical Materials, 2020, 107, 109936. | 3.6 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Efficient white polymer light-emitting diodes (WPLEDs) based on covalent-grafting of [Zn2(MP)3(OAc)] into PVK. Chemical Science, 2020, 11, 2640-2646. | 7.4 | 5 |
| 20 | Design and Synthesis of Fluorescent Nanocelluloses for Sensing and Bioimaging Applications. ChemPlusChem, 2020, 85, 487-502. | 2.8 | 34 |
| 21 | Color-tunable white-light of binary tris-Î²-diketonate-(Dy3+, Gd3+) complexesâ€™ blend under single wavelength excitation. Inorganic Chemistry Communication, 2020, 113, 107814. | 3.9 | 3 |
| 22 | Single-component white polymer light-emitting diode (WPLED) based on a binary tris-pyrazolonate-Sm-complex. Journal of Luminescence, 2020, 221, 117054. | 3.1 | 7 |
| 23 | Efficient White Polymer Lightâ€Emitting Diode (WPLED) Based on Singleâ€Component Eu 3+ â€“Tb 3+ â€Containing Metallopolymer. Advanced Optical Materials, 2019, 7, 1900776. | 7.3 | 21 |
| 24 | Two efficient near-infrared (NIR) luminescent [Ir(C^N)2(N^O)]-characteristic complexes with 8-hydroxyquinoline (8-Hq) as the ancillary ligand. Inorganic Chemistry Communication, 2019, 101, 69-73. | 3.9 | 15 |
| 25 | Designing a mononuclear Dy<sup>III</sup> single-molecule magnet (SMM) by using a N,O,N,O-based multichelating Schiff base ligand and a Î²-diketonate ligand. New Journal of Chemistry, 2019, 43, 454-462. | 2.8 | 6 |
| 26 | Efficient white polymer light-emitting diodes (WPLEDs) based on double emitting layers of a PVK:Eu(<scp>iii</scp>)-complex and Alq3. Journal of Materials Chemistry C, 2019, 7, 4800-4807. | 5.5 | 10 |
| 27 | Efficient and low-efficiency-roll-off near-infrared (NIR) polymer light-emitting diodes (PLEDs) based on an asymmetric binuclear iridium(III)-complex. Journal of Luminescence, 2019, 209, 427-434. | 3.1 | 23 |
| 28 | Efficient polymer light-emitting diodes (PLEDs) based on chiral [Pt(C^N)(N^O)] complexes with near-infrared (NIR) luminescence and circularly polarized (CP) light. Journal of Materials Chemistry C, 2019, 7, 13743-13747. | 5.5 | 42 |
| 29 | Water soluble Ln(III)-based metallopolymer with AIE-active and ACQ-effect lanthanide behaviors for detection of nanomolar pyrophosphate. Sensors and Actuators B: Chemical, 2019, 282, 999-1007. | 7.8 | 18 |
| 30 | Cellulose nanopaper with controllable optical haze and high efficiency ultraviolet blocking for flexible optoelectronics. Cellulose, 2019, 26, 2201-2208. | 4.9 | 20 |
| 31 | OAc<sup>â€“</sup>-Dependent Self-Assembly of Luminescent Homoleptic [Ln<sub>9</sub>(OH-Salen)<sub>5</sub>(OH)<sub>4</sub>(OAc)<sub>10</sub>] and {[Ln<sub>6</sub>(OH-MeO-Salen)<sub>5</sub>(OH)(OAc)<sub>2</sub>(H<sub>2</sub>O)<sub>2</sub>]Â·(OAc)} Complexes. Crystal Growth and Design, 2018, 18, 1020-1029. | 3.9 | 11 |
| 32 | An efficient and weak efficiency-roll-off near-infrared (NIR) polymer light-emitting diode (PLED) based on a PVK-supported Zn2+â€“Yb3+-containing metallopolymer. Journal of Materials Chemistry C, 2018, 6, 4114-4121. | 5.5 | 23 |
| 33 | Efficient near-infrared (NIR) polymer light-emitting diodes (PLEDs) based on heteroleptic iridium(<scp>iii</scp>) complexes with post-modification effects of intramolecular hydrogen bonding or BF<sub>2</sub>-chelation. Journal of Materials Chemistry C, 2018, 6, 10589-10596. | 5.5 | 46 |
| 34 | Near-Infrared (NIR) polymer light-emitting diode (PLED) based on organo-Yb3+-complex-grafted poly(N-vinylcarbazole) (PVK). Journal of Luminescence, 2018, 204, 30-35. | 3.1 | 8 |
| 35 | Zn<sub>2</sub>Yb-Grafted and star-shaped metallopolymers for efficient near-infrared (NIR) polymer light-emitting diodes (PLEDs). Journal of Materials Chemistry C, 2018, 6, 8950-8957. | 5.5 | 11 |
| 36 | The slow magnetic relaxation regulated by the coordination, configuration and intermolecular dipolar field in two mononuclear Dy<sup>III</sup> single-molecule magnets (SMMs). Dalton Transactions, 2018, 47, 12393-12405. | 3.3 | 27 |

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|---|---|---|---|
| 37 | Irreversible Solvatochromic Zn-Nanopaper Based on Zn(II) Terpyridine Assembly and Oxidized Nanofibrillated Cellulose. ACS Sustainable Chemistry and Engineering, 2018, 6, 11614-11623. | 6.7 | 18 |
| 38 | Experimental and theoretical interpretation of the magnetic behavior of two Dy(<scp>iii</scp>) single-ion magnets constructed through Î²-diketonate ligands with different substituent groups (â€“Cl/â€“OCH<sub>3</sub>). RSC Advances, 2018, 8, 29513-29525. | 3.6 | 9 |
| 39 | Two {ZnII2Dy<sup>III</sup>} complexes supported by monophenoxido/dicarboxylate bridges with multiple relaxation processes: carboxylato ancillary ligand-controlled magnetic anisotropy in square antiprismatic Dy<sup>III</sup> species. Dalton Transactions, 2018, 47, 9482-9491. | 3.3 | 13 |
| 40 | PNBE-supported metallopolymer-type optical materials through grafting of Zn-Ln (LnÂ=ÂNd, Yb or Er) benzimidazole complex monomers with efficient NIR luminescence. Optical Materials, 2017, 64, 106-113. | 3.6 | 9 |
| 41 | PNBE-supported metallopolymer-type hybrid materials through grafting of Ln3-benzimidazole-arrayed (Ln=Nd, Yb or Er) complex monomers with efficient NIR luminescence. Inorganic Chemistry Communication, 2017, 76, 30-32. | 3.9 | 7 |
| 42 | Single-component Eu<sup>3+</sup>â€“Tb<sup>3+</sup>â€“Gd<sup>3+</sup>-grafted polymer with ultra-high color rendering index white-light emission. RSC Advances, 2017, 7, 6762-6771. | 3.6 | 21 |
| 43 | Covalently-bonded grafting of [Ln 3 (Benzimidazole) 4 ]-arrayed (LnÂ=ÂTb, Nd, Yb or Er) complex monomers into PNBE (poly(norbornene)) with highly luminous color-purity green-light or efficient NIR luminescence. Optical Materials, 2017, 69, 158-163. | 3.6 | 3 |
| 44 | Red to white polymer light-emitting diode (PLED) based on Eu3+â€“Zn2+â€“Gd3+-containing metallopolymer. Journal of Materials Chemistry C, 2017, 5, 4780-4787. | 5.5 | 22 |
| 45 | Singe-component Zn2+-Eu3+-Tb3+-containing and Zn2+-Eu3+-Tb3+-Gd3+-containing metallopolymer-type materials with ultra-high color rendering index white-light. Dyes and Pigments, 2017, 141, 137-147. | 3.7 | 11 |
| 46 | New transparent flexible nanopaper as ultraviolet filter based on red emissive Eu(III) nanofibrillated cellulose. Optical Materials, 2017, 73, 747-753. | 3.6 | 38 |
| 47 | Color-tunable to direct white-light and application for white polymer light-emitting diode (WPLED) of organo-Eu3+- and organo-Tb3+-doping polymer. Journal of Luminescence, 2017, 192, 1089-1095. | 3.1 | 11 |
| 48 | Efficient and high colour-purity green-light polymer light-emitting diodes (PLEDs) based on a PVK-supported Tb<sup>3+</sup>-containing metallopolymer. Journal of Materials Chemistry C, 2017, 5, 9021-9027. | 5.5 | 21 |
| 49 | PMMA-supported hybrid materials doped with highly near-infrared (NIR) luminescent complexes [Zn(L1)(Py)Ln(L2)3] (Ln = Nd, Yb or Er). New Journal of Chemistry, 2015, 39, 3698-3707. | 2.8 | 31 |
| 50 | The first example of Tb3-containing metallopolymer-type hybrid materials with efficient and high color-purity green luminescence. Dalton Transactions, 2015, 44, 6229-6241. | 3.3 | 24 |
| 51 | Near-infrared (NIR) luminescent Zn(II)â€“Ln(III)-containing (Ln = Nd, Yb or Er) Wolf Type II metallopolymer hybrid materials. Synthetic Metals, 2015, 199, 128-138. | 3.9 | 31 |
| 52 | Near-infrared (NIR) luminescent metallopolymers based on Ln4(Salen)4 nanoclusters (Ln = Nd or Yb). Journal of Materials Chemistry C, 2014, 2, 1489. | 5.5 | 30 |
| 53 | Near-Infrared Luminescent PMMA-Supported Metallopolymers Based on Znâ€“Nd Schiff-Base Complexes. Inorganic Chemistry, 2014, 53, 5950-5960. | 4.0 | 58 |
| 54 | Anion-Induced Self-Assembly of Luminescent and Magnetic Homoleptic Cyclic Tetranuclear Ln<sub>4</sub>(Salen)<sub>4</sub> and Ln<sub>4</sub>(Salen)<sub>2</sub> Complexes (Ln = Nd, Yb,) Tj ETQq0 0 0 rgBT /Overlock | | |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 55 | Near-infrared (NIR) luminescent homoleptic lanthanide Salen complexes Ln4(Salen)4 (Ln = Nd, Yb or) Tj ETQq1 1 0.784314 rgBT /Ove | 2.6 | 49 |
| 56 | Heteronuclear trimetallic and 1D polymeric 3dâ€“4f Schiff base complexes with OCNâ^' and SCNâ^' ligands. Dalton Transactions, 2009, , 9595. | 3.3 | 51 |