

Xiao Li

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Light Generation in Lead Halide Perovskite Nanocrystals: LEDs, Color Converters, Lasers, and Other Applications. <i>Small</i> , 2019, 15, e1902079. | 10.0 | 81 |
| 2 | Recent advances of neutral rhenium(I) tricarbonyl complexes for application in organic light-emitting diodes. <i>Synthetic Metals</i> , 2016, 212, 131-141. | 3.9 | 66 |
| 3 | Recent developments in benzothiazole-based iridium(III) complexes for application in OLEDs as electrophosphorescent emitters. <i>Organic Electronics</i> , 2019, 66, 126-135. | 2.6 | 55 |
| 4 | High response organic ultraviolet photodetector based on blend of 4,4'-bis(4-ethylphenyl)-2,2',5'-terphenyl and 4,4'-bis(4-ethylphenyl)-2,2',5'-terphenyl. <i>Optics Express</i> , 2019, 27, 103309. | 3.3 | 54 |
| 5 | Progress on benzimidazole-based iridium(III) complexes for application in phosphorescent OLEDs. <i>Organic Electronics</i> , 2017, 41, 56-72. | 2.6 | 49 |
| 6 | Very high-efficiency organic light-emitting diodes based on cyclometallated rhenium (I) complex. <i>Applied Physics Letters</i> , 2008, 92, 083302. | 3.3 | 33 |
| 7 | Synthesis and characterization of novel rhenium (I) complexes with large Stokes shift for applications in organic electroluminescent devices. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 241, 1-7. | 3.9 | 27 |
| 8 | New rhenium(I) complex with thiadiazole-annelated 1,10-phenanthroline for highly efficient phosphorescent OLEDs. <i>Dyes and Pigments</i> , 2017, 137, 569-575. | 3.7 | 25 |
| 9 | High-performance OLEDs based on 4,5-diaza-9,9'-spirobifluorene ligated rhenium(I) complex with enhanced steric hindrance. <i>Organic Electronics</i> , 2012, 13, 3138-3144. | 2.6 | 21 |
| 10 | Multifunctional phosphorescent iridium (III) complexes based on 2-phenylbenzothiazole derivative for highly efficient organic light-emitting diodes. <i>Dyes and Pigments</i> , 2014, 106, 51-57. | 3.7 | 21 |
| 11 | Novel bluish green benzimidazole-based iridium(III) complexes for highly efficient phosphorescent organic light-emitting diodes. <i>New Journal of Chemistry</i> , 2017, 41, 1973-1979. | 2.8 | 21 |
| 12 | Rational design and characterization of novel phosphorescent rhenium(I) complexes for extremely high-efficiency organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7629-7636. | 5.5 | 18 |
| 13 | Novel phosphorescent iridium(III) emitters for both vacuum-deposition and inkjet-printing of OLEDs with exceptionally high efficiency. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4178-4184. | 5.5 | 17 |
| 14 | 1, 10-phenanthroimidazole derivatives as efficient corrosion inhibitors for mild steel in 1 M HCl: synthesis, gravimetric, electrochemical and theoretical investigation. <i>Journal of Molecular Structure</i> , 2021, 1228, 129746. | 3.6 | 17 |
| 15 | New rhenium complexes containing 4,5-diazafluorene ligand for high-efficiency green electrophosphorescence. <i>Synthetic Metals</i> , 2009, 159, 1340-1344. | 3.9 | 14 |
| 16 | Reduced efficiency roll-off in electrophosphorescent devices by a short-living rhenium emitter with well-matched energy levels. <i>Applied Physics Letters</i> , 2010, 97, 263303. | 3.3 | 13 |
| 17 | High efficient OLEDs based on novel Re(I) complexes with phenanthroimidazole derivatives. <i>Optical Materials</i> , 2015, 47, 173-179. | 3.6 | 13 |
| 18 | Novel adamantane-bridged phenanthroimidazole molecule for highly efficient full-color organic light-emitting diodes. <i>Dyes and Pigments</i> , 2020, 177, 108273. | 3.7 | 12 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Synthesis and photophysical characterization of orange-emitting iridium(III) complexes containing benzothiazole ligand. <i>Synthetic Metals</i> , 2012, 162, 497-502. | 3.9 | 10 |
| 20 | Sensitized photo- and electroluminescence from Er complexes mixed with Ir complex. <i>Applied Physics Letters</i> , 2008, 92, 093501. | 3.3 | 9 |
| 21 | A promising phosphorescent heteroleptic iridium complex with carbazole-functionalized substituent: Synthesis, photophysical and electroluminescent performances. <i>Optical Materials</i> , 2012, 35, 300-306. | 3.6 | 9 |
| 22 | Novel multifunctional fluorene-phenanthroimidazole hybrid materials: Non-doped near-ultraviolet fluorescent emitter and host for green phosphorescent OLEDs. <i>Dyes and Pigments</i> , 2021, 186, 109019. | 3.7 | 9 |
| 23 | High efficiency and stable-yellow phosphorescence from OLEDs with a novel fluorinated heteroleptic iridium complex. <i>Optical Materials</i> , 2015, 49, 286-291. | 3.6 | 8 |
| 24 | Novel Ir(III) complexes ligated with 2-(2,6-difluoropyridin-3-yl)benzo[d]thiazole for highly efficient OLEDs with mild efficiency roll-off. <i>Dyes and Pigments</i> , 2019, 166, 254-259. | 3.7 | 7 |
| 25 | Inkable CF ₃ -functionalized benzothiazole/benzimidazole-Ir(III) complexes for efficient bilayer-inkjet-printed OLEDs. <i>Journal of Organometallic Chemistry</i> , 2022, 957, 122157. | 1.8 | 7 |
| 26 | Synthesis, photophysical, electrochemical and electroluminescent properties of a novel iridium(III) complex based on 2-phenylbenzo[d]oxazole derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 116, 473-477. | 3.9 | 4 |
| 27 | Synthesis, photophysical and electroluminescent properties of novel iridium (III) complexes based on 5-methyl-2-phenylbenzo[d]oxazole derivatives. <i>Optical Materials</i> , 2013, 36, 265-270. | 3.6 | 4 |
| 28 | Treatment of landfill leachate evaporation concentrate by a modified electro-Fenton method. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 500-513. | 2.2 | 4 |
| 29 | Band alignment of lattice-mismatched In _{0.82} Ga _{0.18} As/InP heterojunction determined by x-ray photoemission spectroscopy. <i>Journal of Applied Physics</i> , 2019, 125, 105704. | 2.5 | 1 |