

Sarah K M Mcgregor

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

244
citations

1039880

9
h-index

1058333

14
g-index

17
all docs

17
docs citations

17
times ranked

194
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Exciton–Exciton Annihilation in Thermally Activated Delayed Fluorescence Emitter. <i>Advanced Functional Materials</i> , 2020, 30, 2000580. | 7.8 | 45 |
| 2 | Probing polaron-induced exciton quenching in TADF based organic light-emitting diodes. <i>Nature Communications</i> , 2022, 13, 254. | 5.8 | 42 |
| 3 | Light Amplification and Efficient Electroluminescence from a Solution–Processable Diketopyrrolopyrrole Derivative via Triplet–to–Singlet Upconversion. <i>Advanced Functional Materials</i> , 2021, 31, 2009817. | 7.8 | 30 |
| 4 | Deep–Red Lasing and Amplified Spontaneous Emission from Nature Inspired Bay–Annulated Indigo Derivatives. <i>Advanced Optical Materials</i> , 2020, 8, 1901350. | 3.6 | 26 |
| 5 | Lasing Operation under Long–Pulse Excitation in Solution–Processed Organic Gain Medium: Toward CW Lasing in Organic Semiconductors. <i>Advanced Optical Materials</i> , 2020, 8, 2001234. | 3.6 | 23 |
| 6 | High-performance solution-processed red hyperfluorescent OLEDs based on cibalackrot. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4767-4774. | 2.7 | 19 |
| 7 | Solution Processable Deep-Red Phosphorescent Pt(II) Complex: Direct Conversion from Its Pt(IV) Species via a Base-Promoted Reduction. <i>ACS Applied Electronic Materials</i> , 2019, 1, 1304-1313. | 2.0 | 16 |
| 8 | Low Amplified Spontaneous Emission and Lasing Thresholds from Hybrids of Fluorenes and Vinylphenylcarbazole. <i>Advanced Optical Materials</i> , 2020, 8, 2000784. | 3.6 | 14 |
| 9 | Tunable Light–Emission Properties of Solution–Processable N–Heterocyclic Carbene Cyclometalated Gold(III) Complexes for Organic Light–Emitting Diodes. <i>Chemistry - A European Journal</i> , 2021, 27, 7265-7274. | 1.7 | 10 |
| 10 | Strong coupling and energy funnelling in an electrically conductive organic blend. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11485-11491. | 2.7 | 5 |
| 11 | Impact of Polymer Molecular Weight on Polymeric Photodiodes. <i>Advanced Optical Materials</i> , 2022, 10, 2101890. | 3.6 | 4 |
| 12 | Low Light Amplification Threshold and Reduced Efficiency Roll–Off in Thick Emissive Layer OLEDs from a Diketopyrrolopyrrole Derivative. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200115. | 2.0 | 4 |
| 13 | Cibalackrot Dendrimers for Hyperfluorescent Organic Light–Emitting Diodes. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200118. | 2.0 | 4 |
| 14 | Structural Integration of Carbazole and Tetraphenylethylene: Ultrafast Excited–State Relaxation Dynamics and Efficient Electroluminescence. <i>Advanced Photonics Research</i> , 2021, 2, 2000144. | 1.7 | 2 |
| 15 | Organic Semiconductor Lasers: Lasing Operation under Long–Pulse Excitation in Solution–Processed Organic Gain Medium: Toward CW Lasing in Organic Semiconductors (<i>Advanced Optical Materials</i>) TJ ETQq1 1 0.784314 rgBT /Overlo | 3.6 | 14 |
| 16 | Organic Laser Dyes: Deep–Red Lasing and Amplified Spontaneous Emission from Nature Inspired Bay–Annulated Indigo Derivatives (<i>Advanced Optical Materials</i> 2/2020). <i>Advanced Optical Materials</i> , 2020, 8, 2070006. | 3.6 | 0 |