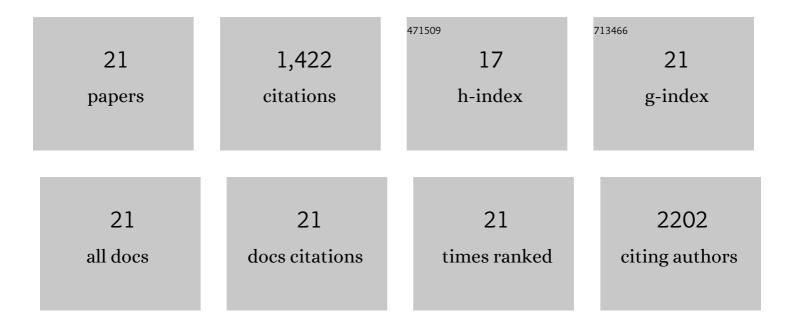
Guozheng Shi

List of Publications by Year in descending order

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CHOZHENC SHI

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Perovskite bridging PbS quantum dot/polymer interface enables efficient solar cells. Nano Research, 2022, 15, 6121-6127. | 10.4 | 11 |
| 2 | Toward printable solar cells based on PbX colloidal quantum dot inks. Nanoscale Horizons, 2021, 6, 8-23. | 8.0 | 29 |
| 3 | The Impact of Precursor Ratio on the Synthetic Production, Surface Chemistry, and Photovoltaic Performance of CsPbI ₃ Perovskite Quantum Dots. Solar Rrl, 2021, 5, 2100090. | 5.8 | 17 |
| 4 | The effect of water on colloidal quantum dot solar cells. Nature Communications, 2021, 12, 4381. | 12.8 | 44 |
| 5 | Matrix Manipulation of Directlyâ€ S ynthesized PbS Quantum Dot Inks Enabled by Coordination Engineering. Advanced Functional Materials, 2021, 31, 2104457. | 14.9 | 24 |
| 6 | Tuning the Surface-Passivating Ligand Anchoring Position Enables Phase Robustness in CsPbl ₃ Perovskite Quantum Dot Solar Cells. ACS Energy Letters, 2020, 5, 3322-3329. | 17.4 | 89 |
| 7 | PbSe Quantum Dot Solar Cells Based on Directly Synthesized Semiconductive Inks. ACS Energy Letters, 2020, 5, 3797-3803. | 17.4 | 34 |
| 8 | Packing State Management to Realize Dense and Semiconducting Lead Sulfide Nanocrystals Film via a Single-Step Deposition. Cell Reports Physical Science, 2020, 1, 100183. | 5.6 | 11 |
| 9 | Magnetron Sputtered SnO ₂ Constituting Double Electron Transport Layers for Efficient PbS Quantum Dot Solar Cells. Solar Rrl, 2020, 4, 2000218. | 5.8 | 12 |
| 10 | 14.1% CsPbI ₃ Perovskite Quantum Dot Solar Cells via Cesium Cation Passivation. Advanced Energy Materials, 2019, 9, 1900721. | 19.5 | 254 |
| 11 | Finely Interpenetrating Bulk Heterojunction Structure for Lead Sulfide Colloidal Quantum Dot Solar Cells by Convective Assembly. ACS Energy Letters, 2019, 4, 960-967. | 17.4 | 30 |
| 12 | Highâ€Efficiency PbS Quantumâ€Dot Solar Cells with Greatly Simplified Fabrication Processing via "Solvent uring― Advanced Materials, 2018, 30, e1707572. | 21.0 | 139 |
| 13 | In Situ Passivation for Efficient PbS Quantum Dot Solar Cells by Precursor Engineering. Advanced Materials, 2018, 30, e1704871. | 21.0 | 125 |
| 14 | Broadband Enhancement of PbS Quantum Dot Solar Cells by the Synergistic Effect of Plasmonic Gold Nanobipyramids and Nanospheres. Advanced Energy Materials, 2018, 8, 1701194. | 19.5 | 56 |
| 15 | Engineering the morphology <i>via</i> processing additives in multiple all-polymer solar cells for improved performance. Journal of Materials Chemistry A, 2018, 6, 10421-10432. | 10.3 | 65 |
| 16 | Stable and Highly Efficient PbS Quantum Dot Tandem Solar Cells Employing a Rationally Designed Recombination Layer. Advanced Energy Materials, 2017, 7, 1602667. | 19.5 | 55 |
| 17 | Room-Temperature Processed Nb ₂ O ₅ as the Electron-Transporting Layer for Efficient Planar Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 23181-23188. | 8.0 | 120 |
| 18 | Photovoltaic Devices Based on Colloidal PbX Quantum Dots: Progress and Prospects. Solar Rrl, 2017, 1, 1600021. | 5.8 | 39 |

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Efficient PbS quantum dot solar cells employing a conventional structure. Journal of Materials Chemistry A, 2017, 5, 23960-23966. | 10.3 | 104 |
| 20 | Improved Allâ€Polymer Solar Cell Performance by Using Matched Polymer Acceptor. Advanced Functional Materials, 2016, 26, 5669-5678. | 14.9 | 107 |
| 21 | High efficiency all-polymer tandem solar cells. Scientific Reports, 2016, 6, 26459. | 3.3 | 57 |