

# Rebecca Sutton Hawke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5387916/publications.pdf>

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8150  
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#	ARTICLE	IF	CITATIONS
1	Inorganic caesium lead iodide perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19688-19695.	10.3	1,419
2	Bandgap-Tunable Cesium Lead Halide Perovskites with High Thermal Stability for Efficient Solar Cells. <i>Advanced Energy Materials</i> , 2016, 6, 1502458.	19.5	1,265
3	Perovskite-perovskite tandem photovoltaics with optimized band gaps. <i>Science</i> , 2016, 354, 861-865.	12.6	1,107
4	Enhanced UV-light stability of planar heterojunction perovskite solar cells with caesium bromide interface modification. <i>Energy and Environmental Science</i> , 2016, 9, 490-498.	30.8	535
5	Cubic or Orthorhombic? Revealing the Crystal Structure of Metastable Black-Phase CsPbI <sub>3</sub> by Theory and Experiment. <i>ACS Energy Letters</i> , 2018, 3, 1787-1794.	17.4	455
6	The Importance of Moisture in Hybrid Lead Halide Perovskite Thin Film Fabrication. <i>ACS Nano</i> , 2015, 9, 9380-9393.	14.6	451
7	Charge-Carrier Dynamics in 2D Hybrid Metal-Halide Perovskites. <i>Nano Letters</i> , 2016, 16, 7001-7007.	9.1	428
8	Impact of the Halide Cage on the Electronic Properties of Fully Inorganic Cesium Lead Halide Perovskites. <i>ACS Energy Letters</i> , 2017, 2, 1621-1627.	17.4	215
9	Vapour-Deposited Cesium Lead Iodide Perovskites: Microsecond Charge Carrier Lifetimes and Enhanced Photovoltaic Performance. <i>ACS Energy Letters</i> , 2017, 2, 1901-1908.	17.4	128