Stefanie Neutzner

List of Publications by Year
in descending order

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Version: 2024-02-01

16 papers	2,592 citations	567247 15 h-index	940516 16 g-index
16 all docs	16 docs citations	16 times ranked	5078 citing authors

#	Article	IF	Citations
1	Role of Excess FAI in Formation of Highâ€Efficiency FAPbI₃â€Based Lightâ€Emitting Diodes. Advanced Functional Materials, 2020, 30, 1906875.	14.9	44
2	Metal Coordination Sphere Deformation Induced Highly Stokesâ€Shifted, Ultra Broadband Emission in 2D Hybrid Leadâ€Bromide Perovskites and Investigation of Its Origin. Angewandte Chemie, 2020, 132, 10883-10888.	2.0	7
3	Metal Coordination Sphere Deformation Induced Highly Stokesâ€Shifted, Ultra Broadband Emission in 2D Hybrid Leadâ€Bromide Perovskites and Investigation of Its Origin. Angewandte Chemie - International Edition, 2020, 59, 10791-10796.	13.8	42
4	Defect Engineering in 2D Perovskite by Mn(II) Doping for Light-Emitting Applications. CheM, 2019, 5, 2146-2158.	11.7	78
5	High-Detectivity Perovskite Light Detectors Printed in Air from Benign Solvents. CheM, 2019, 5, 868-880.	11.7	25
6	Monolithically Integrated Perovskite Semiconductor Lasers on Silicon Photonic Chips by Scalable Top-Down Fabrication. Nano Letters, 2018, 18, 6915-6923.	9.1	98
7	Stable biexcitons in two-dimensional metal-halide perovskites with strong dynamic lattice disorder. Physical Review Materials, 2018, 2, .	2.4	89
8	Exciton-polaron spectral structures in two-dimensional hybrid lead-halide perovskites. Physical Review Materials, 2018, 2, .	2.4	116
9	Fully Solutionâ€Processed nâ€“iâ€“pâ€Like Perovskite Solar Cells with Planar Junction: How the Charge Extracting Layer Determines the Openâ€Circuit Voltage. Advanced Materials, 2017, 29, 1604493.	21.0	50
10	Broadband Emission in Two-Dimensional Hybrid Perovskites: The Role of Structural Deformation. Journal of the American Chemical Society, 2017, 139, 39-42.	13.7	336
11	Integrated perovskite lasers on a silicon nitride waveguide platform by cost-effective high throughput fabrication. Optics Express, 2017, 25, 13199.	3.4	55
12	Ion Migration and the Role of Preconditioning Cycles in the Stabilization of the Jâ€“V Characteristics of Inverted Hybrid Perovskite Solar Cells. Advanced Energy Materials, 2016, 6, 1501453.	19.5	167
13	Nonlinear Carrier Interactions in Lead Halide Perovskites and the Role of Defects. Journal of the American Chemical Society, 2016, 138, 13604-13611.	13.7	73
14	A dual-phase architecture for efficient amplified spontaneous emission in lead iodide perovskites. Journal of Materials Chemistry C, 2016, 4, 4630-4633.	5.5	15
15	17.6% stabilized efficiency in low-temperature processed planar perovskite solar cells. Energy and Environmental Science, 2015, 8, 2365-2370.	30.8	300
16	Highly efficient planar perovskite solar cells through band alignment engineering. Energy and Environmental Science, 2015, 8, 2928-2934.	30.8	1,097