Yang Qian

List of Publications by Year
in descending order

12	520	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	931
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	One-dimensional van der Waals heterostructures. Science, 2020, 367, 537-542.	12.6	238
2	Chirality specific and spatially uniform synthesis of single-walled carbon nanotubes from a sputtered Coâ€“W bimetallic catalyst. Nanoscale, 2016, 8, 14523-14529.	5.6	58
3	Scalable and Solidâ€State Redox Functionalization of Transparent Singleâ€Walled Carbon Nanotube Films for Highly Efficient and Stable Solar Cells. Advanced Energy Materials, 2017, 7, 1700449.	19.5	57
4	Carbon nanotubes to outperform metal electrodes in perovskite solar cells via dopant engineering and hole-selectivity enhancement. Journal of Materials Chemistry A, 2020, 8, 11141-11147.	10.3	51
5	Multifunctional Effect of pâ€Doping, Antireflection, and Encapsulation by Polymeric Acid for High Efficiency and Stable Carbon Nanotubeâ€Based Silicon Solar Cells. Advanced Energy Materials, 2020, 10, 1902389.	19.5	40
6	Engineering high-performance and air-stable PBTZT-stat-BDTT-8:PC₆₁BM/PC₇₁BM organic solar cells. Journal of Materials Chemistry A, 2018, 6, 5746-5751.	10.3	22
7	Room temperature-processed inverted organic solar cells using high working-pressure-sputtered ZnO films. Journal of Materials Chemistry A, 2016, 4, 18763-18768.	10.3	17
8	Measurement of in-plane sheet thermal conductance of single-walled carbon nanotube thin films by steady-state infrared thermography. Japanese Journal of Applied Physics, 2018, 57, 075101.	1.5	11
9	MoS2-carbon nanotube heterostructure as efficient hole transporters and conductors in perovskite solar cells. Applied Physics Express, 2020, 13, 075009.	2.4	11
10	Optoelectronic properties of laser-beam-patterned few-layer lateral MoS2 Schottky junctions. Applied Physics Letters, 2020, 117, .	3.3	9
11	A Comparison Between Reduced and Intentionally Oxidized Metal Catalysts for Growth of Singleâ€Walled Carbon Nanotubes. Physica Status Solidi (B): Basic Research, 2018, 255, 1800187.	1.5	5
12	Silicon Solar Cells: Multifunctional Effect of pâ€Doping, Antireflection, and Encapsulation by Polymeric Acid for High Efficiency and Stable Carbon Nanotubeâ€Based Silicon Solar Cells (Adv. Energy) Tj ETQq0 0 0 rgBT /Overlock 10	19.5	1