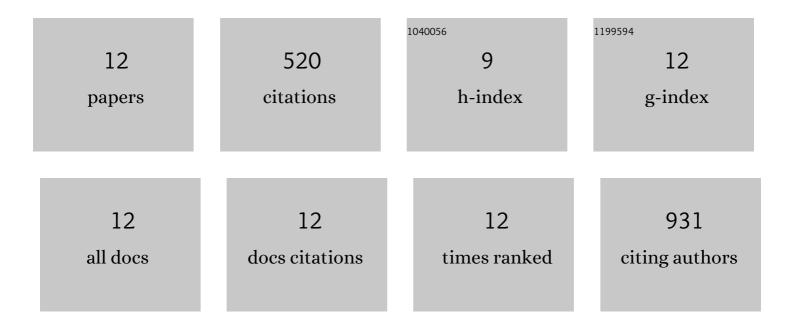
## Yang Qian

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7976147/publications.pdf Version: 2024-02-01



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#	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 Co–W bimetallic catalyst. Nanoscale, 2016, 8, 14523-14529.	5.6	58
3	Scalable and Solid‣tate 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 <i>via</i> dopant engineering and hole-selectivity enhancement. Journal of Materials Chemistry A, 2020, 8, 11141-11147.	10.3	51
5	Multifunctional Effect of <i>p</i> â€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:PC <sub>61</sub> BM/PC <sub>71</sub> BM 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

Silicon Solar Cells: Multifunctional Effect of <i>p</i>â€Doping, Antireflection, and Encapsulation by Polymeric Acid for High Efficiency and Stable Carbon Nanotubeâ€Based Silicon Solar Cells (Adv. Energy) Tj ETQq0 Q10.5gBT /Qverlock 10 12