

Yang Deng

List of Publications by Year in descending order

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13
papers

400
citations

933447

10
h-index

1199594

12
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14
all docs

14
docs citations

14
times ranked

890
citing authors

#	ARTICLE	IF	CITATIONS
1	Solution-Based Synthesis of Layered Two-Dimensional Oxides as Broadband Emitters. ACS Nano, 2020, 14, 15544-15551.	14.6	5
2	Fast Reversible Phase Change Silicon for Visible Active Photonics. Advanced Functional Materials, 2020, 30, 1910784.	14.9	19
3	Helical van der Waals crystals with discretized Eshelby twist. Nature, 2019, 570, 358-362.	27.8	91
4	Three-dimensional Architecture Enabled by Strained Two-dimensional Material Heterojunction. Nano Letters, 2018, 18, 1819-1825.	9.1	24
5	A 0.2 V Micro-Electromechanical Switch Enabled by a Phase Transition. Small, 2018, 14, e1703621.	10.0	23
6	Reconfigurable Photonic Platforms: A Lithography-Free and Field-Programmable Photonic Metacanvas (Adv. Mater. 5/2018). Advanced Materials, 2018, 30, 1870034.	21.0	4
7	A Lithography-Free and Field-Programmable Photonic Metacanvas. Advanced Materials, 2018, 30, 1703878.	21.0	75
8	All-Silicon Broadband Ultraviolet Metasurfaces. Advanced Materials, 2018, 30, e1802632.	21.0	51
9	Excitation and propagation of surface plasmon polaritons on a non-structured surface with a permittivity gradient. Light: Science and Applications, 2016, 5, e16179-e16179.	16.6	27
10	Demonstration of a cw room temperature mid-IR microlaser. Optics Letters, 2014, 39, 4458.	3.3	20
11	Thermo-optomechanical oscillations in high-Q ZBLAN microspheres. Optics Letters, 2013, 38, 4413.	3.3	20
12	Thermo-optomechanical oscillator for sensing applications. Optics Express, 2013, 21, 4653.	3.4	41
13	Thermo-optomechanical oscillations in high-Q ZBLAN microspheres. , 2013, , .		0