

# Yang Deng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12049723/publications.pdf>

Version: 2024-02-01

13  
papers

400  
citations

933447

10  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

890  
citing authors

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