

Aleksandrs Leitis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9505817/publications.pdf>

Version: 2024-02-01

13
papers

1,475
citations

1477746

6
h-index

1473754

9
g-index

13
all docs

13
docs citations

13
times ranked

1664
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging-based molecular barcoding with pixelated dielectric metasurfaces. <i>Science</i> , 2018, 360, 1105-1109.	6.0	726
2	Angle-multiplexed all-dielectric metasurfaces for broadband molecular fingerprint retrieval. <i>Science Advances</i> , 2019, 5, eaaw2871.	4.7	294
3	All-Dielectric Programmable Huygens' Metasurfaces. <i>Advanced Functional Materials</i> , 2020, 30, 1910259.	7.8	149
4	Dielectric Metasurfaces Enabling Advanced Optical Biosensors. <i>ACS Photonics</i> , 2021, 8, 47-60.	3.2	143
5	Metasurface-Based Molecular Biosensing Aided by Artificial Intelligence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14810-14822.	7.2	89
6	Wafer-Scale Functional Metasurfaces for Mid-Infrared Photonics and Biosensing. <i>Advanced Materials</i> , 2021, 33, e2102232.	11.1	64
7	Metaoberflächenbasierte molekulare Biosensorik unterstützt von künstlicher Intelligenz. <i>Angewandte Chemie</i> , 2019, 131, 14952-14965.	1.6	4
8	Huygens' Metasurfaces: All-Dielectric Programmable Huygens' Metasurfaces (<i>Adv. Funct. Mater.</i>)	7.8	3
9	Programmable Huygens™ metasurfaces for active optical phase control. , 2021, , .		1
10	All-dielectric Metasurfaces for Infrared Absorption Spectroscopy Applications. , 2019, , .		1
11	Wafer-Scale Functional Metasurfaces for Mid-Infrared Photonics and Biosensing (<i>Adv. Mater.</i> 43/2021). <i>Advanced Materials</i> , 2021, 33, 2170337.	11.1	1
12	All-Dielectric High-Q Metasurfaces for Infrared Absorption Spectroscopy Applications. , 2019, , .		0
13	Functional mid-infrared metasurfaces for optical wavefront manipulation, sensing and dynamic phase control. , 2021, , .		0