

Oswaldo Del Pozo Zamudio

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,746
citations

759233

12
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

5618
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-emitting diodes by band-structure engineering in van der Waals heterostructures. Nature Materials, 2015, 14, 301-306.	27.5	1,397
2	Exciton-polaritons in van der Waals heterostructures embedded in tunable microcavities. Nature Communications, 2015, 6, 8579.	12.8	377
3	WSe ₂ Light-Emitting Tunneling Transistors with Enhanced Brightness at Room Temperature. Nano Letters, 2015, 15, 8223-8228.	9.1	231
4	Optical investigation of the natural electron doping in thin MoS ₂ films deposited on dielectric substrates. Scientific Reports, 2013, 3, 3489.	3.3	144
5	Highly Anisotropic in-Plane Excitons in Atomically Thin and Bulklike 1T- <i>T</i> -ReSe ₂ . Nano Letters, 2017, 17, 3202-3207.	9.1	130
6	Exciton and trion dynamics in atomically thin MoSe_2 and WSe_2 . Effect of localization. Physical Review B, 2016, 94, .	3.3	121
7	Single-photon emitters in GaSe. 2D Materials, 2017, 4, 021010.	4.4	77
8	Photoluminescence of two-dimensional GaTe and GaSe films. 2D Materials, 2015, 2, 035010.	4.4	76
9	On-Chip Waveguide Coupling of a Layered Semiconductor Single-Photon Source. Nano Letters, 2017, 17, 5446-5451.	9.1	72
10	Phonon-assisted emission and absorption of individual color centers in hexagonal boron nitride. 2D Materials, 2019, 6, 035006.	4.4	56
11	III-V quantum light source and cavity-QED on Silicon. Scientific Reports, 2013, 3, 1239.	3.3	33
12	Electrically pumped WSe ₂ -based light-emitting van der Waals heterostructures embedded in monolithic dielectric microcavities. 2D Materials, 2020, 7, 031006.	4.4	16
13	Ratio-based multi-level resistive memory cells. Scientific Reports, 2021, 11, 1351.	3.3	7
14	Micro reflectance difference techniques: Optical probes for surface exploration. Physica Status Solidi (B): Basic Research, 2012, 249, 1119-1123.	1.5	6
15	Cross sectional STEM imaging and analysis of multilayered two dimensional crystal heterostructure devices. Microscopy and Microanalysis, 2015, 21, 107-108.	0.4	1
16	Correction to Highly Anisotropic in-Plane Excitons in Atomically Thin and Bulklike 1T- <i>T</i> -ReSe ₂ . Nano Letters, 2017, 17, 7169-7169.	9.1	1
17	Metalorganic vapor phase epitaxy growth, transmission electron microscopy, and magneto-optical spectroscopy of individual $\text{InAs}_{x_1}\text{P}_{1-x_1}/\text{Ga}_{0.5}\text{In}_{0.5}\text{P}$ quantum dots. Physical Review Materials, 2017, 1, .	2.4	1
18	Single-photon emitters in GaSe. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Crystalline Truncated Micropylramids Grown from GaAs Liquid Phase on GaP (001) Substrates. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000164.	1.8	0