Shanshan Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2736961/publications.pdf

Version: 2024-02-01

25	333	933447 10	839539 18
papers	citations	h-index	g-index

25	25	25	517
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chitosan-Crosslinked Low Molecular Weight PEI-Conjugated Iron Oxide Nanoparticle for Safe and Effective DNA Delivery to Breast Cancer Cells. Nanomaterials, 2022, 12, 584.	4.1	15
2	Atomic Intercalation Induced Spin-Flip Transition in Bilayer CrI3. Nanomaterials, 2022, 12, 1420.	4.1	3
3	Ti3C2Tx MXene Quantum Dots with Surface-Terminated Groups (-F, -OH, =O, -Cl) for Ultrafast Photonics. Nanomaterials, 2022, 12, 2043.	4.1	0
4	UV electroluminescence emissions from high-quality ZnO/ZnMgO multiple quantum well active layer light-emitting diodes. RSC Advances, 2021, 11, 38949-38955.	3.6	7
5	N-ZnO nanorod arrays/p-GaN light-emitting diodes with graphene transparent electrode. Journal of Luminescence, 2019, 216, 116719.	3.1	15
6	High internal quantum efficiency ZnO/ZnMgO multiple quantum wells prepared on GaN/sapphire templates for ultraviolet light emitting diodes. Journal of Materials Chemistry C, 2019, 7, 6534-6538.	5.5	13
7	Vacancies inducing electronic and optical properties in 2D ZnO:Be/Mg. Physica B: Condensed Matter, 2019, 555, 47-52.	2.7	5
8	A Method of Combining the Increased Density of Acceptors with Restrained Density of Oxygen Vacancies to Fabricate p-Type Single-Crystalline ZnO Films. Journal of Electronic Materials, 2019, 48, 780-786.	2.2	3
9	Raman determination of carrier concentration in ZnO-based heterostructure light-emitting diodes. Optics Letters, 2019, 44, 1576.	3.3	2
10	Electric-field driven insulator-metal transition and tunable magnetoresistance in ZnO thin film. Applied Physics Letters, 2018, 112, .	3.3	5
11	P-type single-crystalline ZnO films obtained by (Na,N) dual implantation through dynamic annealing process. Journal of Crystal Growth, 2018, 483, 236-240.	1.5	10
12	Photoluminescence enhancement in non-polar ZnO films through metallodielectric mediated Al surface plasmons. Optics Letters, 2018, 43, 2288.	3.3	2
13	Epitaxial growth and stress analysis of Zn 1-x Mg x O films on (111) Si substrates. Thin Solid Films, 2017, 628, 50-53.	1.8	2
14	P-type single-crystalline ZnO films obtained by (Li, N) dual implantation through dynamic annealing process. Journal of Materials Science: Materials in Electronics, 2017, 28, 16215-16219.	2.2	4
15	Great photoluminescence enhancement in Al-sputtered Zn_078Mg_022O films. Optics Letters, 2017, 42, 5129.	3.3	3
16	P-type single-crystalline ZnO films obtained by (N,O) dual implantation through dynamic annealing process. Superlattices and Microstructures, 2016, 100, 468-473.	3.1	4
17	X-ray photoelectron spectroscopy study of energy-band alignments of ZnO on buffer layer Lu2O3. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 970-972.	2.1	26
18	60-fold photoluminescence enhancement in Pt nanoparticle-coated ZnO films: role of surface plasmon coupling and conversion of non-radiative recombination. Optics Letters, 2015, 40, 2782.	3.3	8

#	Article	IF	Citations
19	Enhanced internal quantum efficiency in non-polar ZnO/Zn_081Mg_019O multiple quantum wells by Pt surface plasmons coupling. Optics Letters, 2015, 40, 3639.	3.3	10
20	Enhanced photoluminescence of nonpolar p-type ZnO film by surface plasmon resonance and electron transfer. Optics Letters, 2015, 40, 649.	3.3	14
21	ZnO homojunction UV photodetector based on solution-grown Sb-doped p-type ZnO nanorods and pure n-type ZnO nanorods. RSC Advances, 2015, 5, 6311-6314.	3.6	30
22	The role of beryllium in the band structure of MgZnO: Lifting the valence band maximum. Applied Physics Letters, 2014, 105, 122112.	3.3	3
23	Honeycomb-like NiO/ZnO heterostructured nanorods: photochemical synthesis, characterization, and enhanced UV detection performance. Journal of Materials Chemistry C, 2014, 2, 4606.	5.5	106
24	Enhanced UV detection performance using a Cu-doped ZnO nanorod array film. RSC Advances, 2014, 4, 31969.	3.6	40
25	Effect of high temperature thermal treatment of (100) Î³-LiAlO2 substrate on epitaxial growth of ZnO films by plasma-assisted molecular beam epitaxy. Thin Solid Films, 2014, 564, 156-159.	1.8	3