

Eunjip Choi

List of Publications by Year in descending order

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31
papers

669
citations

759233

12
h-index

552781

26
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32
all docs

32
docs citations

32
times ranked

1643
citing authors

#	ARTICLE	IF	CITATIONS
1	Wafer-Scale and Wrinkle-Free Epitaxial Growth of Single-Orientated Multilayer Hexagonal Boron Nitride on Sapphire. Nano Letters, 2016, 16, 3360-3366.	9.1	167
2	Optical response of large scale single layer graphene. Applied Physics Letters, 2011, 98, .	3.3	87
3	Long-term stability study of graphene-passivated black phosphorus under air exposure. Current Applied Physics, 2016, 16, 165-169.	2.4	77
4	Far-infrared study of substrate-effect on large scale graphene. Applied Physics Letters, 2011, 98, .	3.3	58
5	Gate tunable optical absorption and band structure of twisted bilayer graphene. Physical Review B, 2019, 99, .	3.2	36
6	Infrared-optical spectroscopy of transparent conducting perovskite (La,Ba)SnO ₃ thin films. Applied Physics Letters, 2014, 104, 022102.	3.3	35
7	Infrared signature of ion displacement in the noncollinear spin state of orthorhombic YMnO ₃ . Physical Review B, 2006, 74, .	3.2	22
8	Resonant photoemission spectroscopy study of impurity-induced melting in Cr- and Ru-doped Nd _{1/2} A _{1/2} MnO ₃ (A=Ca,Sr). Physical Review B, 2003, 68, .	3.2	20
9	Harnessing the topotactic transition in oxide heterostructures for fast and high-efficiency electrochromic applications. Science Advances, 2020, 6, .	10.3	17
10	Optical spectroscopy study on the effect of hydrogen adsorption on graphene. Carbon, 2016, 103, 109-114.	10.3	16
11	Single crystal growth and optical properties of a transparent perovskite oxide LaInO ₃ . Journal of Applied Physics, 2017, 121, 125109.	2.5	15
12	Photoluminescence induced by thermal annealing in SrTiO ₃ thin film. Applied Physics Letters, 2009, 95, 241906.	3.3	14
13	Infrared spectroscopic study of carrier scattering in gated CVD graphene. Physical Review B, 2016, 94, .	3.2	11
14	Infrared study of giant dielectric constant in Li- and Ti-doped NiO. Physical Review B, 2004, 70, .	3.2	9
15	Infrared spectroscopy of the interface charge in a ZnO field-effect transistor. Applied Physics Letters, 2008, 93, 241902.	3.3	8
16	Effect of uni-axial strain on THz/far-infrared response of graphene. Applied Physics Letters, 2012, 100, .	3.3	8
17	Blue and infrared cathodoluminescence induced by carbon-irradiation in SrTiO ₃ single crystal. Journal of Luminescence, 2010, 130, 1687-1689.	3.1	7
18	Observation of room temperature photoluminescence in proton irradiated SrTiO ₃ single crystal. Journal of Luminescence, 2010, 130, 1784-1786.	3.1	7

#	ARTICLE	IF	CITATIONS
19	Infrared optical response of LuFe ₂ O ₄ under dc electric field. Physical Review B, 2012, 85, .	3.2	7
20	Strong hole-doping and robust resistance-decrease in proton-irradiated graphene. Scientific Reports, 2016, 6, 21311.	3.3	7
21	Infrared spectroscopy of large scale single layer graphene on self assembled organic monolayer. Applied Physics Letters, 2014, 104, 041904.	3.3	6
22	Infrared study of carrier scattering mechanism in ion-gated graphene. Applied Physics Letters, 2019, 114, 083503.	3.3	6
23	Machine learning analysis of broadband optical reflectivity of semiconductor thin film. Journal of the Korean Physical Society, 2022, 80, 347-351.	0.7	6
24	Evidence of the primary-color photoluminescence in ion (H ⁺ , H ₂ ⁺ , Ca ²⁺) irradiated and thermal annealed SrTiO ₃ . Journal of Luminescence, 2011, 131, 69-71.	3.1	5
25	Observation of optical absorption correlated with surface state of topological insulator. Physical Review B, 2019, 100, .	3.2	5
26	Unconventional photoluminescence effect of SrTiO ₃ thin film under UV-illumination. Journal of Luminescence, 2011, 131, 1813-1816.	3.1	4
27	Infrared Hall conductivity of $\text{Na}_{0.7}\text{CoO}_2$. Physical Review B, 2007, 76, .	3.2	3
28	Infrared conductivity of PED-grown (La,Ba)SnO ₃ thin films. Journal of the Korean Physical Society, 2014, 64, 764-767.	0.7	3
29	Pulsed Electron Deposition of 50-nm-thick ZnO Film at Room Temperature. Japanese Journal of Applied Physics, 2011, 50, 120209.	1.5	2
30	Infrared Spectroscopic Probe of Charge Distribution in Gated Multilayer Graphene: Evidence of Nonlinear Screening. Physical Review Applied, 2020, 13, .	3.8	1
31	Blue-Green-Red Photoluminescence in Defect-Controlled SrTi _x O _{3-δ} Thin Film (abstract). , 2009, , .		0