

Eunjip Choi

List of Publications by Year in descending order

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31
papers

669
citations

759233

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26
g-index

32
all docs

32
docs citations

32
times ranked

1643
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning analysis of broadband optical reflectivity of semiconductor thin film. Journal of the Korean Physical Society, 2022, 80, 347-351.	0.7	6
2	Harnessing the topotactic transition in oxide heterostructures for fast and high-efficiency electrochromic applications. Science Advances, 2020, 6, .	10.3	17
3	Infrared Spectroscopic Probe of Charge Distribution in Gated Multilayer Graphene: Evidence of Nonlinear Screening. Physical Review Applied, 2020, 13, .	3.8	1
4	Observation of optical absorption correlated with surface state of topological insulator. Physical Review B, 2019, 100, .	3.2	5
5	Gate tunable optical absorption and band structure of twisted bilayer graphene. Physical Review B, 2019, 99, .	3.2	36
6	Infrared study of carrier scattering mechanism in ion-gated graphene. Applied Physics Letters, 2019, 114, 083503.	3.3	6
7	Single crystal growth and optical properties of a transparent perovskite oxide LaInO ₃ . Journal of Applied Physics, 2017, 121, 125109.	2.5	15
8	Infrared spectroscopic study of carrier scattering in gated CVD graphene. Physical Review B, 2016, 94, .	3.2	11
9	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
10	Strong hole-doping and robust resistance-decrease in proton-irradiated graphene. Scientific Reports, 2016, 6, 21311.	3.3	7
11	Optical spectroscopy study on the effect of hydrogen adsorption on graphene. Carbon, 2016, 103, 109-114.	10.3	16
12	Long-term stability study of graphene-passivated black phosphorus under air exposure. Current Applied Physics, 2016, 16, 165-169.	2.4	77
13	Infrared-optical spectroscopy of transparent conducting perovskite (La,Ba)SnO ₃ thin films. Applied Physics Letters, 2014, 104, 022102.	3.3	35
14	Infrared spectroscopy of large scale single layer graphene on self assembled organic monolayer. Applied Physics Letters, 2014, 104, 041904.	3.3	6
15	Infrared conductivity of PED-grown (La,Ba)SnO ₃ thin films. Journal of the Korean Physical Society, 2014, 64, 764-767.	0.7	3
16	Infrared optical response of LuFe ₂ O ₄ under dc electric field. Physical Review B, 2012, 85, .	3.2	7
17	Effect of uni-axial strain on THz/far-infrared response of graphene. Applied Physics Letters, 2012, 100, .	3.3	8
18	Optical response of large scale single layer graphene. Applied Physics Letters, 2011, 98, .	3.3	87

#	ARTICLE	IF	CITATIONS
19	Far-infrared study of substrate-effect on large scale graphene. Applied Physics Letters, 2011, 98, .	3.3	58
20	Evidence of the primary-color photoluminescence in ion (H ⁺ , H ₂ ⁺ , Ca ⁺) irradiated and thermal annealed SrTiO ₃ . Journal of Luminescence, 2011, 131, 69-71.	3.1	5
21	Unconventional photoluminescence effect of SrTiO ₃ thin film under UV-illumination. Journal of Luminescence, 2011, 131, 1813-1816.	3.1	4
22	Pulsed Electron Deposition of 50-nm-thick ZnO Film at Room Temperature. Japanese Journal of Applied Physics, 2011, 50, 120209.	1.5	2
23	Blue and infrared cathodoluminescence induced by carbon-irradiation in SrTiO ₃ single crystal. Journal of Luminescence, 2010, 130, 1687-1689.	3.1	7
24	Observation of room temperature photoluminescence in proton irradiated SrTiO ₃ single crystal. Journal of Luminescence, 2010, 130, 1784-1786.	3.1	7
25	Photoluminescence induced by thermal annealing in SrTiO ₃ thin film. Applied Physics Letters, 2009, 95, 241906.	3.3	14
26	Blue-Green-Red Photoluminescence in Defect-Controlled SrTi _x O _{3-3x} Thin Film (abstract). , 2009, , .		0
27	Infrared spectroscopy of the interface charge in a ZnO field-effect transistor. Applied Physics Letters, 2008, 93, 241902.	3.3	8
28	Infrared Hall conductivity of $\text{Na}_{0.7}\text{CoO}_2$. Physical Review B, 2007, 76, .	3.2	3
29	Infrared signature of ion displacement in the noncollinear spin state of orthorhombic YMnO ₃ . Physical Review B, 2006, 74, .	3.2	22
30	Infrared study of giant dielectric constant in Li- and Ti-doped NiO. Physical Review B, 2004, 70, .	3.2	9
31	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