

# Teguh C Asmara

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

634  
citations

623734

14  
h-index

610901

24  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1117  
citing authors



#	ARTICLE	IF	CITATIONS
19	Generation of multiple plasmons in strontium niobates mediated by local field effects. Physical Review B, 2018, 98, .	3.2	20
20	Quasilocal plasmons in the insulator-metal transition in the Mott-type perovskites $E_{uB} > 0.3 < E_{aB} > 0.7$	3.2	13
21	Design, fabrication, and characterisation of wire grid polarizers for the deep UV spectral range. , 2018, , .		1
22	Electron transport and visible light absorption in a plasmonic photocatalyst based on strontium niobate. Nature Communications, 2017, 8, 15070.	12.8	64
23	Tunable and low-loss correlated plasmons in Mott-like insulating oxides. Nature Communications, 2017, 8, 15271.	12.8	42
24	The Mechanism of Electrolyte Gating on High- $T_c$ Cuprates: The Role of Oxygen Migration and Electrostatics. ACS Nano, 2017, 11, 9950-9956.	14.6	21
25	Electronic defect states at the LaAlO <sub>3</sub> /SrTiO <sub>3</sub> heterointerface revealed by O K-edge X-ray absorption spectroscopy. Physical Chemistry Chemical Physics, 2016, 18, 13844-13851.	2.8	29
26	Emerging giant resonant exciton induced by Ta substitution in anataseTiO2: A tunable correlation effect. Physical Review B, 2016, 93, .	3.2	16
27	Coexistence of Midgap Antiferromagnetic and Mott States in Undoped, Hole- and Electron-Doped Ambipolar Cuprates. Physical Review Letters, 2016, 116, 197002.	7.8	13
28	Interplay of electronic reconstructions, surface oxygen vacancies, and lattice distortions in insulator-metal transition of LaAlO <sub>3</sub> $\lambda_{\text{opt}} \approx 1000$ nm	3.2	38
29	Optical conductivity renormalization of graphene on SrTiO <sub>3</sub> $\lambda_{\text{opt}} \approx 1000$ nm	3.2	25
30	Optical and electronic structure of quasi-freestanding multilayer graphene on the carbon face of SiC. Europhysics Letters, 2014, 108, 37009.	3.2	20
31	Optical and electronic structure of quasi-freestanding multilayer graphene on the carbon face of SiC. Europhysics Letters, 2014, 108, 37009.	2.0	13
32	Self-consistent iteration procedure in analyzing reflectivity and spectroscopic ellipsometry data of multilayered materials and their interfaces. Review of Scientific Instruments, 2014, 85, 123116.	1.3	17
33	Large spectral weight transfer in optical conductivity of SrTiO3 induced by intrinsic vacancies. Journal of Applied Physics, 2014, 115, 213706.	2.5	12
34	Mechanisms of charge transfer and redistribution in LaAlO3/SrTiO3 revealed by high-energy optical conductivity. Nature Communications, 2014, 5, 3663.	12.8	70
35	Tunable optical absorption and interactions in graphene via oxygen plasma. Physical Review B, 2014, 89, Cationic vacancies and anomalous spectral-weight transfer in Ta-doped SrTiO <sub>3</sub>	3.2	42
36	Optical and electronic structure of quasi-freestanding multilayer graphene on the carbon face of SiC. Europhysics Letters, 2014, 108, 37009.	3.2	20

#	ARTICLE	IF	CITATIONS
37	Structure-dependent and anisotropic optical response of layered $\text{Pr}_{0.5}\text{Ca}_{1.5}\text{MnO}_3$	3.2	13
38	Tuning the Interface Conductivity of $\text{LaAlO}_3/\text{SrTiO}_3$ Using Ion Beams: Implications for Patterning. ACS Nano, 2013, 7, 10572-10581.	14.6	34
39	Effect of Oxygen Plasma on the Optical Properties of Monolayer Graphene. Advanced Materials Research, 0, 896, 510-513.	0.3	5