Tomo-O Terasawa

List of Publications by Citations

18 papers	296 citations	7 h-index	17 g-index
19 ext. papers	343 ext. citations	3.2 avg, IF	3.64 L-index

#	Paper	IF	Citations
18	Growth of graphene on Cu by plasma enhanced chemical vapor deposition. *Carbon*, **2012**, 50, 869-874	10.4	142
17	Control of work function of graphene by plasma assisted nitrogen doping. *Applied Physics Letters*, **2014**, 104, 131602	3.4	55
16	Radiation-mode optical microscopy on the growth of graphene. *Nature Communications*, **2015**, 6, 6834	17.4	28
15	Effect of vapor-phase oxygen on chemical vapor deposition growth of graphene. *Applied Physics Express*, **2015**, 8, 035101	2.4	17
14	Synthesis of Nitrogen-Doped Graphene by Plasma-Enhanced Chemical Vapor Deposition. *Japanese Journal of Applied Physics*, **2012**, 51, 055101	1.4	16
13	Synthesis of Nitrogen-Doped Graphene by Plasma-Enhanced Chemical Vapor Deposition. *Japanese Journal of Applied Physics*, **2012**, 51, 055101	1.4	11
12	Confinement of Hydrogen Molecules at Graphene/Metal Interface by Electrochemical Hydrogen Evolution Reaction. *Journal of Physical Chemistry C*, **2020**, 124, 5300-5307	3.8	9
11	Acceleration of Photocarrier Relaxation in Graphene Achieved by Epitaxial Growth: Ultrafast Photoluminescence Decay of Monolayer Graphene on SiC. *Journal of Physical Chemistry C*, **2018**, 122, 19273-19279	3.8	7
10	Controlled growth of boron-doped epitaxial graphene by thermal decomposition of a BC thin film. *Nanotechnology*, **2020**, 31, 145711	3.4	4
9	Effect of hydrogen on chemical vapor deposition growth of graphene on Au substrates. *Japanese Journal of Applied Physics*, **2019**, 58, SIIB17	1.4	3
8	Development of 2000 K Class High Temperature In Situ Transmission Electron Microscopy of Nanostructured Materials via Resistive Heating. *Journal of Nanoscience and Nanotechnology*, **2017**, 17, 2848-851	1.3	2
7	Graphene: Synthesis and Functionalization. *Nanostructure Science and Technology*, **2017**, 101-132	0.9	1
6	Structure of quasi-free-standing graphene on the SiC (0001) surface prepared by the rapid cooling method. *Applied Physics Letters*, **2020**, 117, 143102	3.4	1
5	Longitudinal strain of epitaxial graphene monolayers on SiC substrates evaluated by z-polarization Raman microscopy. *AIP Advances*, **2019**, 9, 065314	1.5	0
4	PM-24In Situ Transmission Electron Microscopy of Zirconium Dioxide at High Temperatures. *Microscopy (Oxford, England)*, **2017**, 66, i29-i29	1.3	
3	PM-23Development of a 2000 K Class High Temperature Sample Holder for Transmission Electron Microscopy. *Microscopy (Oxford, England)*, **2017**, 66, i29-i29	1.3	
2	In-situ Optical Microscopy of Crystal Growth of Graphene Using Thermal Radiation. *Vacuum and Surface Science*, **2019**, 62, 629-634	0	

List of Publications

1	Surface Morphology Analysis of Zirconium Dioxide Nanoparticles at 1200 K by Transmission Electron Microscopy. *Journal of Nanoscience and Nanotechnology*, **2018**, 18, 463-466	1.3