

Tomo-O Terasawa

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Confinement of Hydrogen Molecules at GrapheneMetal Interface by Electrochemical Hydrogen Evolution Reaction. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 5300-5307	3.8	9
17	Controlled growth of boron-doped epitaxial graphene by thermal decomposition of a BC thin film. <i>Nanotechnology</i> , 2020 , 31, 145711	3.4	4
16	Structure of quasi-free-standing graphene on the SiC (0001) surface prepared by the rapid cooling method. <i>Applied Physics Letters</i> , 2020 , 117, 143102	3.4	1
15	Longitudinal strain of epitaxial graphene monolayers on SiC substrates evaluated by z-polarization Raman microscopy. <i>AIP Advances</i> , 2019 , 9, 065314	1.5	0
14	Effect of hydrogen on chemical vapor deposition growth of graphene on Au substrates. <i>Japanese Journal of Applied Physics</i> , 2019 , 58, SIIB17	1.4	3
13	In-situ Optical Microscopy of Crystal Growth of Graphene Using Thermal Radiation. <i>Vacuum and Surface Science</i> , 2019 , 62, 629-634	0	
12	Acceleration of Photocarrier Relaxation in Graphene Achieved by Epitaxial Growth: Ultrafast Photoluminescence Decay of Monolayer Graphene on SiC. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 19273-19279	3.8	7
11	Surface Morphology Analysis of Zirconium Dioxide Nanoparticles at 1200 K by Transmission Electron Microscopy. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 463-466	1.3	
10	Graphene: Synthesis and Functionalization. <i>Nanostructure Science and Technology</i> , 2017 , 101-132	0.9	1
9	Development of 2000 K Class High Temperature In Situ Transmission Electron Microscopy of Nanostructured Materials via Resistive Heating. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 2848-851	1.3	2
8	PM-24In Situ Transmission Electron Microscopy of Zirconium Dioxide at High Temperatures. <i>Microscopy (Oxford, England)</i> , 2017 , 66, i29-i29	1.3	
7	PM-23Development of a 2000 K Class High Temperature Sample Holder for Transmission Electron Microscopy. <i>Microscopy (Oxford, England)</i> , 2017 , 66, i29-i29	1.3	
6	Radiation-mode optical microscopy on the growth of graphene. <i>Nature Communications</i> , 2015 , 6, 6834	17.4	28
5	Effect of vapor-phase oxygen on chemical vapor deposition growth of graphene. <i>Applied Physics Express</i> , 2015 , 8, 035101	2.4	17
4	Control of work function of graphene by plasma assisted nitrogen doping. <i>Applied Physics Letters</i> , 2014 , 104, 131602	3.4	55
3	Growth of graphene on Cu by plasma enhanced chemical vapor deposition. <i>Carbon</i> , 2012 , 50, 869-874	10.4	142
2	Synthesis of Nitrogen-Doped Graphene by Plasma-Enhanced Chemical Vapor Deposition. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 055101	1.4	11

- 1 Synthesis of Nitrogen-Doped Graphene by Plasma-Enhanced Chemical Vapor Deposition. *Japanese Journal of Applied Physics*, **2012**, 51, 055101 1.4 16