

Hirotsugu Sugiura

List of Publications by Citations

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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.

9

papers

42

citations

5

h-index

6

g-index

9

ext. papers

50

ext. citations

2.6

avg, IF

1.43

L-index

#	Paper	IF	Citations
9	Facile synthesis of SnO ₂ -graphene composites employing nonthermal plasma and SnO ₂ nanoparticles-dispersed ethanol. <i>Journal Physics D: Applied Physics</i> , 2019 , 52, 175301	3	8
8	Effects of Radical Species on Structural and Electronic Properties of Amorphous Carbon Films Deposited by Radical-Injection Plasma-Enhanced Chemical Vapor Deposition. <i>Plasma Processes and Polymers</i> , 2016 , 13, 730-736	3.4	8
7	Control of sp ² -C cluster incorporation of amorphous carbon films grown by H-radical-injection CH ₄ /H ₂ plasma-enhanced chemical vapor deposition. <i>Japanese Journal of Applied Physics</i> , 2019 , 58, 030912	1.4	6
6	Single-Step, Low-Temperature Simultaneous Formations and in Situ Binding of Tin Oxide Nanoparticles to Graphene Nanosheets by In-Liquid Plasma for Potential Applications in Gas Sensing and Lithium-Ion Batteries. <i>ACS Applied Nano Materials</i> , 2019 , 2, 649-654	5.6	5
5	Effects of gas residence time of CH ₄ /H ₂ on sp ² fraction of amorphous carbon films and dissociated methyl density during radical-injection plasma-enhanced chemical vapor deposition. <i>Japanese Journal of Applied Physics</i> , 2018 , 57, 06JE03	1.4	5
4	Modifications of surface and bulk properties of magnetron-sputtered carbon films employing a post-treatment of atmospheric pressure plasma. <i>Japanese Journal of Applied Physics</i> , 2019 , 58, SAAC07	1.4	4
3	Effect of gas residence time on near-edge X-ray absorption fine structures of hydrogenated amorphous carbon films grown by plasma-enhanced chemical vapor deposition. <i>Japanese Journal of Applied Physics</i> , 2016 , 55, 040305	1.4	3
2	Gas-phase and film analysis of hydrogenated amorphous carbon films: Effect of ion bombardment energy flux on sp ² carbon structures. <i>Diamond and Related Materials</i> , 2020 , 104, 107651	3.5	2
1	Effects of Ion Bombardment Energy Flux on Chemical Compositions and Structures of Hydrogenated Amorphous Carbon Films Grown by a Radical-Injection Plasma-Enhanced Chemical Vapor Deposition. <i>Journal of Carbon Research</i> , 2019 , 5, 8	3.3	1