

Carl A Ventrice Jr

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,364
citations

1163117

8
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

7386
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical analysis of graphene oxide films after heat and chemical treatments by X-ray photoelectron and Micro-Raman spectroscopy. Carbon, 2009, 47, 145-152.	10.3	2,924
2	Reduction Kinetics of Graphene Oxide Determined by Electrical Transport Measurements and Temperature Programmed Desorption. Journal of Physical Chemistry C, 2009, 113, 18480-18486.	3.1	207
3	Copper oxide as a "self-cleaning" substrate for graphene growth. Journal of Materials Research, 2014, 29, 403-409.	2.6	50
4	Substrate grain size and orientation of Cu and Cu-Ni foils used for the growth of graphene films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2012, 30, .	2.1	49
5	Fermi Level Manipulation through Native Doping in the Topological Insulator Bi ₂ Se ₃ . ACS Nano, 2018, 12, 6310-6318.	14.6	37
6	Influence of Chemisorbed Oxygen on the Growth of Graphene on Cu(100) by Chemical Vapor Deposition. Journal of Physical Chemistry C, 2013, 117, 23919-23927.	3.1	32
7	Characterization of graphene films grown on CuNi foil substrates. Surface Science, 2015, 634, 16-24.	1.9	15
8	Static uniform magnetic fields and amoebae. Bioelectromagnetics, 1997, 18, 81-84.	1.6	12
9	Attenuation of the electromagnetic waves due to moist and wet snow. , 2007, , .		8
10	Radial Density Distribution in a Wide Unstable Plasma Column. Physics of Fluids, 1968, 11, 1990.	1.4	7
11	Transparent Conductive Printable Meshes Based on Percolation Patterns. ACS Applied Electronic Materials, 2019, 1, 1290-1294.	4.3	5
12	Ambipolar Diffusion in a Weakly Ionized Unstable Plasma Afterglow. Journal of Applied Physics, 1972, 43, 368-372.	2.5	4
13	Acoustic-Wave Generation in a Low-Pressure Plasma Afterglow. Physical Review Letters, 1972, 28, 142-144.	7.8	3
14	Axial Current Density Measurements in a Wide Unstable Plasma Column. Physics of Fluids, 1969, 12, 883.	1.4	2
15	TIME-AVERAGED DENSITY PROFILE IN THE PRESENCE OF A FINITE-AMPLITUDE HELICAL INSTABILITY. Applied Physics Letters, 1970, 16, 283-284.	3.3	2
16	Electron density distribution in a conical laser plasma tube. Journal of Applied Physics, 1978, 49, 1284-1286.	2.5	2
17	Low energy electron interactions with 1-decanethiol self-assembled monolayers on Au(111). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, .	2.1	2
18	Electron density in a locally ionized plasma afterglow. Journal of Applied Physics, 1973, 44, 4216-4217.	2.5	1

#	ARTICLE	IF	CITATIONS
19	Acoustic wave generation in a low-pressure magnetoplasma afterglow. Physical Review A, 1979, 20, 2625-2626.	2.5	1
20	Electron density distribution in a laser tube with a hyperboloid of revolution boundary. Journal of Applied Physics, 1987, 61, 1317-1322.	2.5	1
21	Electron density distribution in a laser tube with a hyperboloid of revolution boundary: Nonisothermal case. Journal of Applied Physics, 1988, 64, 3811-3814.	2.5	0
22	LDA- Visibility technique for circularly polarized backscattered waves. , 2007, , .		0
23	Development of Cu Substrate Preparation Techniques for Graphene Synthesis. , 2018, , .		0