

Carlos E Cava

List of Publications by Year in descending order

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25
papers

586
citations

1040056

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752698

20
g-index

25
all docs

25
docs citations

25
times ranked

1097
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorbent selection for pesticides removal from drinking water. Environmental Technology (United Tj ETQq1 1 0.784314 rgBT /Overl	2.2	4
2	Silver nanowire synthesis analyzing NaCl, CuCl ₂ , and NaBr as halide salt with additional thermal, acid, and solvent post-treatments for transparent and flexible electrode applications. Applied Nanoscience (Switzerland), 2022, 12, 205-213.	3.1	5
3	The role of carbon nanotubes on the sensitivity of composites with polyaniline for ammonia sensors. Carbon Trends, 2021, 3, 100026.	3.0	9
4	Design experiment (parameters) applied to PEDOT: PSS/AgNW composite doped with EG for transparent conductive films. Journal of Molecular Liquids, 2021, 329, 115516.	4.9	3
5	Incorporation of nanomaterials on the electrospun membrane process with potential use in water treatment. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 624, 126775.	4.7	10
6	PEDOT:PSS post-treated by DMSO using spin coating, roll-to-roll and immersion: a comparative study. Journal of Materials Science: Materials in Electronics, 2020, 31, 317-323.	2.2	5
7	Electrospun fibers of poly (vinyl alcohol): zinc acetate (PVA:AcZn) and further ZnO production: evaluation of PVA:AcZn ratio and annealing temperature effects on ZnO structure. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	4
8	Surface Engineering in Alloyed CdSe/CdSexCdS1â€“x/CdS Core-Shell Colloidal Quantum Dots for Enhanced Optoelectronic Applications. Engineering Materials, 2020, , 189-205.	0.6	2
9	Doping effect on self-assembled films of polyaniline and carbon nanotube applied as ammonia gas sensor. Sensors and Actuators B: Chemical, 2017, 245, 25-33.	7.8	136
10	Iron-Oxide-Filled Carbon Nanotubes. , 2017, , 293-313.		1
11	Water based, solution-processable, transparent and flexible graphene oxide composite as electrodes in organic solar cell application. Journal Physics D: Applied Physics, 2016, 49, 105106.	2.8	33
12	The total chemical synthesis of polymer/graphene nanocomposite films. Chemical Communications, 2016, 52, 1629-1632.	4.1	33
13	Resistive switching in iron-oxide-filled carbon nanotubes. Nanoscale, 2014, 6, 378-384.	5.6	17
14	Electrical Properties of Self-Assembled Films of Polyaniline/Carbon Nanotubes Composites. Journal of Physical Chemistry C, 2014, 118, 24811-24818.	3.1	29
15	Interactions of iron-oxide filled carbon nanotubes with gas molecules. Physical Chemistry Chemical Physics, 2013, 15, 14340.	2.8	2
16	ITOâ€“Free and Flexible Organic Photovoltaic Device Based on High Transparent and Conductive Polyaniline/Carbon Nanotube Thin Films. Advanced Functional Materials, 2013, 23, 1490-1499.	14.9	174
17	Effects of the presence of iron-oxide on the electrochromic properties of hemirhodite $\text{Fe}_2\text{O}_3 \cdot \text{H}_2\text{O}$	3.2	19
18	Self-assembled films of multi-wall carbon nanotubes used in gas sensors to increase the sensitivity limit for oxygen detection. Carbon, 2012, 50, 1953-1958.	10.3	51

#	ARTICLE	IF	CITATIONS
19	Theoretical and experimental investigation into environment dependence and electric properties for volatile memory based on methyl-red dye thin film. <i>Solid-State Electronics</i> , 2010, 54, 1697-1700.	1.4	1
20	Iron- and iron oxide-filled multi-walled carbon nanotubes: Electrical properties and memory devices. <i>Chemical Physics Letters</i> , 2007, 444, 304-308.	2.6	41
21	Morphology Dependence on Fluorine Doped Tin Oxide Film Thickness Studied with Atomic Force Microscopy. <i>Microscopy and Microanalysis</i> , 2005, 11, 118-121.	0.4	7
22	AVALIAÇÃO DA ESTRUTURA ELETRÔNICA DA FASE MONOCLÍNICA DO ÓXIDO DE NÍQUEL COM BASE NO USO DE DIFERENTES FUNCIONAIS DE DENSIDADE. <i>Quimica Nova</i> , 0, , .	0.3	0
23	FILMES AUTOMONTADOS DE COMPOSTOS BASEADOS EM NANOTUBO DE CARBONO E NANOPARTÍCULAS DE ÓXIDO DE FERRO APLICADOS A SENSORES DE GÁS. , 0, , .		0
24	Desenvolvimento de Uma Sonda para Caracterização e Utilização de Sensores de Gás. , 0, , .		0
25	INCORPORAÇÃO DE NANOTUBOS DE CARBONO EM PHB - poli (3-hidroxi-butarato). , 0, , .		0