

Felipe Chibante

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42
papers

4,570
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42
ext. papers

4,788
ext. citations

9
avg. IF

4.69
L-index

#	Paper	IF	Citations
42	Preparation of aqueous latices with N-isopropylacrylamide. <i>Colloids and Surfaces</i> , 1986 , 20, 247-256		969
41	Spectroelectrochemical study of the C60 and C70 fullerenes and their mono-, di-, tri- and tetraanions. <i>Journal of the American Chemical Society</i> , 1991 , 113, 4364-4366	16.4	319
40	Electronic States of KxC60: Insulating, Metallic, and Superconducting Character. <i>Science</i> , 1991 , 252, 1417-1420	33.3	266
39	XPS probes of carbon-caged metals. <i>Chemical Physics Letters</i> , 1992 , 190, 460-464	2.5	241
38	Ordered Overlayers of C60 on GaAs(110) Studied with Scanning Tunneling Microscopy. <i>Science</i> , 1991 , 252, 547-8	33.3	213
37	Fullerene triplet state production and decay: R2PI probes of C60 and C70 in a supersonic beam. <i>Chemical Physics Letters</i> , 1991 , 179, 449-454	2.5	186
36	Synthesis and characterization of cationically modified nanocrystalline cellulose. <i>Carbohydrate Polymers</i> , 2012 , 89, 163-70	10.3	178
35	Order and Disorder in C60 and KxC60 Multilayers: Direct Imaging with Scanning Tunneling Microscopy. <i>Science</i> , 1991 , 253, 429-33	33.3	147
34	Electronic states of solid C60: Symmetries and photoionization cross sections. <i>Physical Review B</i> , 1991 , 44, 1962-1965	3.3	135
33	Band dispersion and empty electronic states in solid C60: Inverse photoemission and theory. <i>Physical Review B</i> , 1991 , 44, 1966-1969	3.3	134
32	Fullerenes in the cretaceous-tertiary boundary layer. <i>Science</i> , 1994 , 265, 645-7	33.3	125
31	Reversible Fullerene Electrochemistry: Correlation with the HOMO-LUMO Energy Difference for C60, C70, C76, C78, and C84. <i>Journal of the American Chemical Society</i> , 1995 , 117, 7801-7804	16.4	124
30	Electronic structure of small GaAs clusters. <i>Journal of Chemical Physics</i> , 1991 , 94, 8015-8020	3.9	115
29	Adsorption of individual C60 molecules on Si(111). <i>Physical Review B</i> , 1992 , 45, 13837-13840	3.3	115
28	Hydrophilic modification of polyester fabric by applying nanocrystalline cellulose containing surface finish. <i>Carbohydrate Polymers</i> , 2013 , 91, 560-7	10.3	101
27	C60O3, a Fullerene Ozonide: Synthesis and Dissociation to C60O and O2. <i>Journal of the American Chemical Society</i> , 2000 , 122, 11473-11479	16.4	98
26	Interaction of O2 with C60: photon-induced oxidation. <i>Chemical Physics Letters</i> , 1991 , 181, 112-116	2.5	91

25	Metal-overlayer formation on C60 for Ti, Cr, Au, La, and In: Dependence on metal-C60 bonding. <i>Physical Review B</i> , 1993 , 47, 2389-2393	3.3	87
24	Cold molecular beam electronic spectrum of C60 and C70. <i>Journal of Chemical Physics</i> , 1991 , 95, 2197-2199	3.3	86
23	Electronic properties of K-doped C60(111): Photoemission and electron correlation. <i>Physical Review B</i> , 1993 , 47, 13843-13847	3.3	75
22	Fullerides of alkaline-earth metals. <i>Physical Review B</i> , 1992 , 45, 8845-8848	3.3	74
21	Ammonia chemisorption on gallium arsenide clusters. <i>Chemical Physics Letters</i> , 1990 , 172, 335-340	2.5	73
20	X-ray photoemission investigations of binary and ternary C60 fullerides of Na, K, Rb, and Cs. <i>Physical Review B</i> , 1993 , 47, 9870-9877	3.3	68
19	Synthesis, Characterization, and Neutron Activation of Holmium Metallofullerenes. <i>Journal of the American Chemical Society</i> , 1996 , 118, 8043-8047	16.4	64
18	Formation of fullerides and fullerene-based heterostructures. <i>Science</i> , 1991 , 253, 646-8	33.3	58
17	Photo-transformations of C60, C70, C60O, and C60O2. <i>Chemical Physics Letters</i> , 1993 , 207, 339-342	2.5	52
16	On the geochemistry of fullerenes: Stability of C60 in ambient air and the role of ozone. <i>Geochimica Et Cosmochimica Acta</i> , 1993 , 57, 1879-1881	5.5	49
15	Occupied and unoccupied electronic states of solid C70 with comparison to C60. <i>Chemical Physics Letters</i> , 1991 , 184, 423-427	2.5	48
14	Electronic structure of C _x C60 fullerides. <i>Physical Review B</i> , 1992 , 46, 7961-7964	3.3	47
13	Fullerene production in a 3-phase AC plasma process. <i>Carbon</i> , 2000 , 38, 797-803	10.4	39
12	Search for extractable fullerenes in clays from the Cretaceous/Tertiary boundary of the Woodside Creek and Flaxbourne River sites, New Zealand. <i>Geochimica Et Cosmochimica Acta</i> , 1994 , 58, 3531-3534	5.5	35
11	Determination of C60 and C70 fullerenes in geologic materials by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1995 , 689, 157-163	4.5	34
10	Non-leaching antimicrobial biodegradable PBAT films through a facile and novel approach. <i>Materials Science and Engineering C</i> , 2016 , 58, 986-91	8.3	31
9	Rate of decomposition of C60 and C70 heated in air and the attempted characterization of the products. <i>Carbon</i> , 1993 , 31, 185-193	10.4	24
8	Yb and Yb-K fulleride formation, bonding, and electrical character. <i>Physical Review B</i> , 1992 , 46, 10437-10441	3.3	15

7	Cellulose/nanoclay composite films with high water vapor resistance and mechanical strength. <i>Cellulose</i> , 2015 , 22, 3941-3953	5.5	14
6	Real-space imaging of C ₆₀ using scanning tunneling microscopy. <i>Physical Review B</i> , 1992 , 46, 12914-12917	3.5	12
5	Electrochemical studies and syntheses of fulleride-derived materials. <i>Applied Superconductivity</i> , 1993 , 1, 913-923		8
4	Electrical property validation of percolation modeling in different polymer structures of carbon-based nanocomposites. <i>Materials Today Communications</i> , 2018 , 17, 153-160	2.5	8
3	C ₆₀ matrix-isolated in Xe: plasmon shifts and polarization effects. <i>Surface Science</i> , 1993 , 294, L964-L968	1.8	4
2	Electronic properties of hydrogen-bonded fullerenes and potassium fullerides. <i>Physical Review B</i> , 1993 , 47, 13848-13853	3.3	4
1	Isomers of gallium arsenide cluster ions. <i>Chemical Physics Letters</i> , 1992 , 194, 217-222	2.5	4