

Felipe Chibante

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.

42
papers

4,570
citations

32
h-index

42
g-index

42
ext. papers

4,788
ext. citations

9
avg, IF

4.69
L-index

#	Paper	IF	Citations
42	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
41	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
40	Cellulose/nanoclay composite films with high water vapor resistance and mechanical strength. <i>Cellulose</i> , 2015 , 22, 3941-3953	5.5	14
39	Hydrophilic modification of polyester fabric by applying nanocrystalline cellulose containing surface finish. <i>Carbohydrate Polymers</i> , 2013 , 91, 560-7	10.3	101
38	Synthesis and characterization of cationically modified nanocrystalline cellulose. <i>Carbohydrate Polymers</i> , 2012 , 89, 163-70	10.3	178
37	Fullerene production in a 3-phase AC plasma process. <i>Carbon</i> , 2000 , 38, 797-803	10.4	39
36	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
35	Synthesis, Characterization, and Neutron Activation of Holmium Metallofullerenes. <i>Journal of the American Chemical Society</i> , 1996 , 118, 8043-8047	16.4	64
34	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
33	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
32	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
31	Fullerenes in the cretaceous-tertiary boundary layer. <i>Science</i> , 1994 , 265, 645-7	33.3	125
30	C60 matrix-isolated in Xe: plasmon shifts and polarization effects. <i>Surface Science</i> , 1993 , 294, L964-L968	1.8	4
29	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
28	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
27	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
26	Electronic properties of K-doped C60(111): Photoemission and electron correlation. <i>Physical Review B</i> , 1993 , 47, 13843-13847	3.3	75

25	Electronic properties of hydrogen-bonded fullerenes and potassium fullerides. <i>Physical Review B</i> , 1993 , 47, 13848-13853	3.3	4
24	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
23	Photo-transformations of C60, C70, C60O, and C60O2. <i>Chemical Physics Letters</i> , 1993 , 207, 339-342	2.5	52
22	Electrochemical studies and syntheses of fulleride-derived materials. <i>Applied Superconductivity</i> , 1993 , 1, 913-923		8
21	Electronic structure of CaxC60 fullerides. <i>Physical Review B</i> , 1992 , 46, 7961-7964	3.3	47
20	Real-space imaging of CaxC60 using scanning tunneling microscopy. <i>Physical Review B</i> , 1992 , 46, 12914-12917	3.3	12
19	Yb and Yb-K fulleride formation, bonding, and electrical character. <i>Physical Review B</i> , 1992 , 46, 10437-10441	3.3	15
18	Fullerides of alkaline-earth metals. <i>Physical Review B</i> , 1992 , 45, 8845-8848	3.3	74
17	Adsorption of individual C60 molecules on Si(111). <i>Physical Review B</i> , 1992 , 45, 13837-13840	3.3	115
16	XPS probes of carbon-caged metals. <i>Chemical Physics Letters</i> , 1992 , 190, 460-464	2.5	241
15	Isomers of gallium arsenide cluster ions. <i>Chemical Physics Letters</i> , 1992 , 194, 217-222	2.5	4
14	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
13	Interaction of O2 with C60: photon-induced oxidation. <i>Chemical Physics Letters</i> , 1991 , 181, 112-116	2.5	91
12	Occupied and unoccupied electronic states of solid C70 with comparison to C60. <i>Chemical Physics Letters</i> , 1991 , 184, 423-427	2.5	48
11	Electronic states of solid C60: Symmetries and photoionization cross sections. <i>Physical Review B</i> , 1991 , 44, 1962-1965	3.3	135
10	Electronic structure of small GaAs clusters. <i>Journal of Chemical Physics</i> , 1991 , 94, 8015-8020	3.9	115
9	Cold molecular beam electronic spectrum of C60 and C70. <i>Journal of Chemical Physics</i> , 1991 , 95, 2197-2199	3.9	86
8	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

7	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
6	Ordered Overlayers of C60 on GaAs(110) Studied with Scanning Tunneling Microscopy. <i>Science</i> , 1991 , 252, 547-8	33-3	213
5	Electronic States of KxC60: Insulating, Metallic, and Superconducting Character. <i>Science</i> , 1991 , 252, 1417-9	33-3	266
4	Order and Disorder in C60 and KxC60 Multilayers: Direct Imaging with Scanning Tunneling Microscopy. <i>Science</i> , 1991 , 253, 429-33	33-3	147
3	Formation of fullerides and fullerene-based heterostructures. <i>Science</i> , 1991 , 253, 646-8	33-3	58
2	Ammonia chemisorption on gallium arsenide clusters. <i>Chemical Physics Letters</i> , 1990 , 172, 335-340	2-5	73
1	Preparation of aqueous lattices with N-isopropylacrylamide. <i>Colloids and Surfaces</i> , 1986 , 20, 247-256		969