

Donald S Bethune

List of Publications by Year in descending order

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13
papers

2,699
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

2462
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Vibrational Raman and infrared spectra of chromatographically separated C60 and C70 fullerene clusters. <i>Chemical Physics Letters</i> , 1991, 179, 181-186. | 2.6 | 649 |
| 2 | On the Efficacy of Electrocatalysis in Nonaqueous Li ⁺ O ₂ Batteries. <i>Journal of the American Chemical Society</i> , 2011, 133, 18038-18041. | 13.7 | 606 |
| 3 | Electron paramagnetic resonance studies of lanthanum-containing C82. <i>Nature</i> , 1992, 355, 239-240. | 27.8 | 439 |
| 4 | The vibrational Raman spectra of purified solid films of C60 and C70. <i>Chemical Physics Letters</i> , 1990, 174, 219-222. | 2.6 | 358 |
| 5 | C60 has icosahedral symmetry. <i>Journal of the American Chemical Society</i> , 1990, 112, 8983-8984. | 13.7 | 242 |
| 6 | Laser deposition of carbon clusters on surfaces: A new approach to the study of Fullerenes. <i>Journal of Chemical Physics</i> , 1990, 93, 7800-7802. | 3.0 | 122 |
| 7 | Gap reduction and the collapse of solid C60 to a new phase of carbon under pressure. <i>Physical Review Letters</i> , 1992, 69, 466-469. | 7.8 | 118 |
| 8 | Mass spectroscopic confirmation of the presence of C60 in laboratory-produced carbon dust. <i>Chemical Physics Letters</i> , 1990, 175, 1-2. | 2.6 | 63 |
| 9 | Structural information on Y ions in C82 from EXAFS experiments. <i>Chemical Physics Letters</i> , 1993, 213, 196-201. | 2.6 | 61 |
| 10 | Carbon and metals: a path to single-wall carbon nanotubes. <i>Physica B: Condensed Matter</i> , 2002, 323, 90-96. | 2.7 | 24 |
| 11 | Effect of Transition Metal Oxide Cathodes on the Oxygen Evolution Reaction in Li ⁺ O ₂ Batteries. <i>Journal of Physical Chemistry C</i> , 2017, 121, 1404-1411. | 3.1 | 13 |
| 12 | Metal atoms and clusters in fullerene cages. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1993, 26, 153-158. | 1.0 | 3 |
| 13 | Production and Characterization of Metal-Encapsulated Fullerenes. <i>Materials Research Society Symposia Proceedings</i> , 1992, 270, 261. | 0.1 | 1 |