

Giuseppe Zerbi

List of Publications by Year in descending order

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12
papers

758
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1189
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Raman spectroscopy of polyconjugated molecules and materials: confinement effect in one and two dimensions. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2004, 362, 2425-2459. | 3.4 | 248 |
| 2 | A Computational Study of the Raman Spectra of Large Polycyclic Aromatic Hydrocarbons: Toward Molecularly Defined Subunits of Graphite. Journal of Physical Chemistry A, 2002, 106, 3306-3317. | 2.5 | 131 |
| 3 | Structure of new carbonaceous materials: The role of vibrational spectroscopy. Carbon, 2005, 43, 1593-1609. | 10.3 | 92 |
| 4 | Resonance Raman contribution to the D band of carbon materials: Modeling defects with quantum chemistry. Journal of Chemical Physics, 2004, 120, 11889-11900. | 3.0 | 87 |
| 5 | Toward carbyne: Synthesis and stability of really long polyynes. Pure and Applied Chemistry, 2010, 82, 891-904. | 1.9 | 59 |
| 6 | Fingerprints of polycyclic aromatic hydrocarbons (PAHs) in infrared absorption spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 152, 134-148. | 3.9 | 48 |
| 7 | A joint Raman and EPR spectroscopic study on ball-milled nanographites. Chemical Physics Letters, 2011, 516, 220-224. | 2.6 | 41 |
| 8 | Disposable Electrospun Electrodes Based on Conducting Nanofibers. Electroanalysis, 2008, 20, 1374-1377. | 2.9 | 18 |
| 9 | Graphite particles induce ROS formation in cell free systems and human cells. Nanoscale, 2017, 9, 13640-13650. | 5.6 | 16 |
| 10 | Resonant Raman spectroscopy of nanostructured carbon-based materials: the molecular approach. AIP Conference Proceedings, 2004, , . | 0.4 | 8 |
| 11 | Excited-State Molecular Dynamics Simulations of Conjugated Oligomers Using the Electronic Density Matrix. Journal of Physical Chemistry A, 2001, 105, 7057-7071. | 2.5 | 7 |
| 12 | Resonant Raman-based cytochrome C biosensor as a tool for evaluating the oxidative properties of the diesel exhaust particulate matter. Journal of Raman Spectroscopy, 2016, 47, 796-800. | 2.5 | 3 |