

# Enzo Cazzanelli

## List of Publications by Year in descending order

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32  
papers

498  
citations

567281

15  
h-index

677142

22  
g-index

32  
all docs

32  
docs citations

32  
times ranked

772  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Temperature dependence of lithium ion solvation in ethylene carbonate/LiClO <sub>4</sub> solutions. Journal of Chemical Physics, 2003, 118, 5537-5541.   | 3.0 | 43        |
| 2  | Raman spectra of 7Li <sub>2</sub> SO <sub>4</sub> and 6Li <sub>2</sub> SO <sub>4</sub> . Journal of Chemical Physics, 1983, 79, 2615-2620.   | 3.0 | 41        |
| 3  | Raman and NMR analysis of LiClO <sub>4</sub> concentrated solutions in ethylene carbonate-propylene carbonate. Solid State Ionics, 1996, 86-88, 379-384.   | 2.7 | 34        |
| 4  | Spectroscopic characterization of graphene films grown on Pt(111) surface by chemical vapor deposition of ethylene. Journal of Raman Spectroscopy, 2013, 44, 1393-1397.  | 2.5 | 34        |
| 5  | Temperature dependent Raman spectra of monoclinic and cubic Li <sub>2</sub> SO <sub>4</sub> . Journal of Chemical Physics, 1984, 81, 4729-4736.  | 3.0 | 33        |
| 6  | Variable Angle Spectroscopic Ellipsometry investigation of CVD-grown monolayer graphene. Applied Surface Science, 2019, 467-468, 213-220.  | 6.1 | 33        |
| 7  | Polymorphism and Phase Control in Titanyl Phthalocyanine Thin Films Grown by Supersonic Molecular Beam Deposition. Journal of Physical Chemistry A, 2007, 111, 12550-12558.  | 2.5 | 32        |
| 8  | Raman spectroscopy of polyhedral carbon nano-onions. Applied Physics A: Materials Science and Processing, 2015, 120, 1339-1345.  | 2.3 | 30        |
| 9  | Spatial dependence of Raman frequencies in ordered and disordered monolayer graphene. Diamond and Related Materials, 2010, 19, 608-613.  | 3.9 | 24        |
| 10 | Electrical conductivity and Raman characterization of V <sub>2</sub> O <sub>5</sub> grown by sol-gel technique inside nanoscale pores. Thin Solid Films, 2014, 553, 127-131.                                       | 1.8 | 24        |
| 11 | Temperature evolution of thermoreversible polymer gel electrolytes LiClO <sub>4</sub> /ethylene carbonate/poly(acrylonitrile). Journal of Chemical Physics, 2002, 117, 7373-7380.                                  | 3.0 | 21        |
| 12 | Controlled Polymorphism in Titanyl Phthalocyanine on Mica by Hyperthermal Beams: A Micro-Raman Analysis. Journal of Physical Chemistry C, 2010, 114, 7038-7044.  | 3.1 | 21        |
| 13 | In situ polarized micro-Raman investigation of periodic structures realized in liquid-crystalline composite materials. Optics Express, 2011, 19, 10494.  | 3.4 | 21        |
| 14 | Vibrational dynamics of single-crystal YVO <sub>4</sub> studied by polarized micro-Raman spectroscopy and <i>ab initio</i> calculations. Physical Review B, 2012, 86, .  | 3.2 | 21        |
| 15 | Characterization of graphene grown on copper foil by chemical vapor deposition (CVD) at ambient pressure conditions. Journal of Raman Spectroscopy, 2018, 49, 1006-1014.   | 2.5 | 19        |
| 16 | Micro-spectroscopic Raman investigation on the canvas oil painting "Rebecca at the well" of Neapolitan anonymous. Journal of Raman Spectroscopy, 2012, 43, 1694-1698.  | 2.5 | 14        |
| 17 | Configuration of the SO <sub>4</sub> <sup>2-</sup> ion in the cubic phase of Li <sub>2</sub> SO <sub>4</sub> from band shape studies of the $\Gamma_{1/2}^3$ mode. Journal of Chemical Physics, 1986, 84, 626-630. | 3.0 | 9         |
| 18 | Micro-Raman investigations on the fresco "Trapano della Vergine" in the Church of S. Giovanni Battista of Paterno Calabro in southern Italy. Journal of Raman Spectroscopy, 2008, 39, 284-288.                     | 2.5 | 9         |

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|----|--|-----|-----------|
| 19 | Different spectroscopic behavior of coupled and freestanding monolayer graphene deposited by CVD on Cu foil. <i>Applied Surface Science</i> , 2018, 458, 580-585.  | 6.1 | 7         |
| 20 | Evolution from vanadium pentoxide xerogel to sodium-containing vanadates in thin films on ITO-coated glasses. <i>Ionics</i> , 2007, 13, 205-211.   | 2.4 | 6         |
| 21 | The Mineralogical Study of the Grotta Inferiore di Sant'Angelo (Southern Italy). <i>Journal of Cave and Karst Studies</i> , 2014, 76, 51-61.   | 0.6 | 6         |
| 22 | Thermally induced modifications of the optic properties of lead zirconate titanate thin films obtained on different substrates by sol-gel synthesis. <i>Journal of Applied Physics</i> , 2008, 104, 123522.                            | 2.5 | 5         |
| 23 | Effect of Mn doping on the growth and properties of enstatite single crystals. <i>Crystal Research and Technology</i> , 2014, 49, 736-742.   | 1.3 | 4         |
| 24 | Structural Transformations of PZT 53/47 Sol-Gel Films on Different Substrates Driven by Thermal Treatments. <i>Ferroelectrics</i> , 2010, 396, 49-59.  | 0.6 | 3         |
| 25 | Micro-Raman Analysis of the Pigments on a Crucifix in Calabria. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6715.  | 2.5 | 2         |
| 26 | Electro-optical response due to mixed conduction electrodes, compared to ferroelectric ones, in asymmetric nematic liquid crystal cells. <i>Ionics</i> , 2009, 15, 139-149.  | 2.4 | 1         |
| 27 | Molecular Orientation of E7 Liquid Crystal in POLICRYPS Holographic Gratings: A Micro-Raman Spectroscopic Analysis. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 558, 46-53.  | 0.9 | 1         |
| 28 | Sulfate ion time correlation functions in cubic lithium sulfate. <i>Solid State Ionics</i> , 1988, 28-30, 220-223.   | 2.7 | 0         |
| 29 | The reconstructive nature of the cubic-to-monoclinic phase transition in lithium sulfate. <i>Journal of Physics and Chemistry of Solids</i> , 1988, 49, 905-907.   | 4.0 | 0         |
| 30 | Vibrational study of selenate-doped lithium sulfate: Single crystals and fused salts. <i>Journal of Solid State Chemistry</i> , 1988, 74, 256-259.   | 2.9 | 0         |
| 31 | Thermal induced changes of lead zirconium titanate films and their consequences for liquid crystal devices applications. <i>Philosophical Magazine</i> , 2010, 90, 2223-2233.  | 1.6 | 0         |
| 32 | Multi-Technique Characterization through Multivariate Statistical Analysis of Copper Phthalocyanine Kinetic Activated Growth by Supersonic Molecular Beam Deposition. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10883-10892. | 3.1 | 0         |