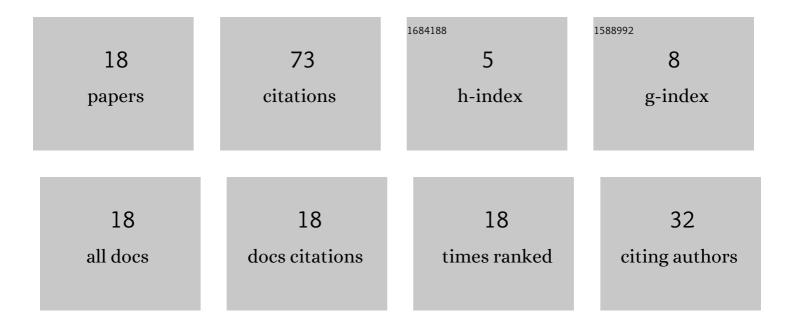
## Consuelo Bellver-Cebreros

List of Publications by Year in descending order

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Caustics and the Legendre transform. Optics Communications, 1992, 92, 187-192.  | 2.1 | 14        |
| 2  | Eikonal equation from continuum mechanics and analogy between equilibrium of a string and geometrical light rays. American Journal of Physics, 2001, 69, 360-367.                                   | 0.7 | 13        |
| 3  | Eikonal equation, alternative expression of Fresnel's equation and Möhr's construction in optical anisotropic media. Optics Communications, 2001, 189, 193-209.                                     | 2.1 | 7         |
| 4  | Amphoteric refraction at the isotropic–anisotropic biaxial media interface: an alternative treatment.<br>Journal of Optics, 2006, 8, 1067-1073.   | 1.5 | 7         |
| 5  | Internal conical refraction in biaxial media and graphical plane constructions deduced from Möhr's<br>method. Optics Communications, 2002, 212, 199-210.  | 2.1 | 6         |
| 6  | Measurements of visibility by photographic photometry at Seville (Spain). Atmospheric Environment, 1987, 21, 2727-2730.   | 1.0 | 4         |
| 7  | Obtention of meridian caustics and catacaustics by means of stigmatic approximating surfaces.<br>Journal of Optics, 1994, 3, 7-16.  | 0.5 | 4         |
| 8  | Analogies between the torque-free motion of a rigid body about a fixed point and light propagation in anisotropic media. European Journal of Physics, 2009, 30, 285-294.                            | 0.6 | 4         |
| 9  | Alternative methods for ray tracing in uniaxial media. Application to negative refraction. Optik, 2007, 118, 103-109.   | 2.9 | 3         |
| 10 | AN ALTERNATIVE MODEL FOR WAVE PROPAGATION IN ANISOTROPIC IMPEDANCE-MATCHED METAMATERIALS.<br>Progress in Electromagnetics Research, 2013, 141, 149-160.   | 4.4 | 3         |
| 11 | ON INHOMOGENEOUS METAMATERIALS MEDIA: A NEW ALTERNATIVE METHOD FOR ANALYSIS OF ELECTROMAGNETIC FIELDS PROPAGATION. Progress in Electromagnetics Research, 2014, 149, 101-108.                       | 4.4 | 3         |
| 12 | Crystal and molecular structure of 5-(α-d-erythrofuranosyl)-3-methyl-2(3H)-thiazole-2-thione.<br>Carbohydrate Research, 1988, 176, 295-299.   | 2.3 | 2         |
| 13 | THE EIKONAL EQUATION FOR METAMATERIALS OPTICS FROM A MOVING BOUNDARY VARIATIONAL PRINCIPLE.<br>Progress in Electromagnetics Research Letters, 2015, 57, 23-29.                                      | 0.7 | 2         |
| 14 | Crystal and molecular structure of<br>1,3-dihydro-4-(3,4-O-isopropylidene-d-arabino-tetritol-1-yl)-3-methyl-1-p-tolyl-2H-imidazole-2- thione.<br>Carbohydrate Research, 1991, 209, 279-284.         | 2.3 | 1         |
| 15 | Structure of 3-phenyl-3-piperidino-2,4-pentanedione monooxime. Acta Crystallographica Section C:<br>Crystal Structure Communications, 1990, 46, 1848-1850.  | 0.4 | 0         |
| 16 | Geometrical connection between catacaustics and kinematics of planar motion of a rigid solid.<br>Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, 1778. | 1.5 | 0         |
| 17 | Anisotropic linear media: opto-mechanical analogies between discontinuity surfaces. Journal of the<br>Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 89.             | 1.5 | 0         |
| 18 | Optics of anisotropic inhomogeneous media: an approach based on Nambu's dynamics. Journal of the<br>Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 1762.             | 1.5 | 0         |