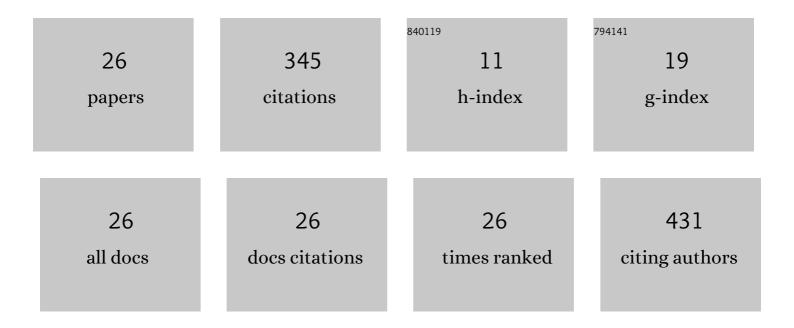
Begona Hernandez

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Colour stability of beef from different Spanish native cattle breeds stored under vacuum and modified atmosphere. Meat Science, 1999, 53, 241-249. | 2.7 | 89 |
| 2 | CIELAB color paths during meat shelf life. Meat Science, 2019, 157, 107889. | 2.7 | 63 |
| 3 | CIELAB color coordinates versus relative proportions of myoglobin redox forms in the description of fresh meat appearance. Journal of Food Science and Technology, 2016, 53, 4159-4167. | 1.4 | 35 |
| 4 | Assessing the color of red wine like a taster's eye. Color Research and Application, 2009, 34, 153-162. | 0.8 | 18 |
| 5 | Measurement of the colour of white and ros \tilde{A} $@$ wines in visual tasting conditions. European Food Research and Technology, 2009, 229, 263-276. | 1.6 | 15 |
| 6 | Field and Poynting vectors of homogeneous waves in uniaxial and absorbing dielectric media. Journal of Modern Optics, 2002, 49, 1553-1566. | 0.6 | 14 |
| 7 | Meat color in retail displays with fluorescent illumination. Color Research and Application, 2005, 30, 304-311. | 0.8 | 14 |
| 8 | Complex unitary vectors for the direction of propagation and for the polarization of electromagnetic waves in absorbing isotropic media. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2004, 21, 1776. | 0.8 | 12 |
| 9 | Complex unitary vectors for the direction of propagation and for the polarization of electromagnetic waves in uniaxial and absorbing dielectric media. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2007, 24, 1767. | 0.8 | 12 |
| 10 | A multispectral imaging technique to determine concentration profiles of myoglobin derivatives during meat oxygenation. European Food Research and Technology, 2008, 227, 1329-1338. | 1.6 | 12 |
| 11 | MEASURING MUSCLE COLOR IN BEEF USING AN INSTRUMENTAL METHOD VERSUS VISUAL COLOR SCALES. Journal of Muscle Foods, 2008, 19, 209-221. | 0.5 | 11 |
| 12 | Veal colour assessment with three wavelengths. Meat Science, 1996, 44, 113-123. | 2.7 | 10 |
| 13 | Comparison between two different methods to obtain the proportions of myoglobin redox forms on fresh meat from reflectance measurements. Journal of Food Science and Technology, 2015, 52, 8212-8219. | 1.4 | 10 |
| 14 | Interface between transparent isotropic and uniaxial absorbing dielectric media: equations for ray tracing and for the direction of propagation. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2008, 25, 2476. | 0.8 | 8 |
| 15 | Design and performance of a color chart based in digitally processed images for sensory evaluation of piquillo peppers (Capsicum annuum). Color Research and Application, 2004, 29, 305-311. | 0.8 | 5 |
| 16 | Influence of absorption on the anomalous negative refraction in right-handed uniaxial absorbing dielectric media. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2010, 27, 1938. | 0.8 | 5 |
| 17 | Uniaxial absorbing media: conditions for refraction in the direction of the optical axis. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2013, 30, 385. | 0.8 | 3 |
| 18 | Negative reflection in absorbing uniaxial media. Rutile TiO 2. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 2278-2282. | 0.9 | 3 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Conditions for the concurrent refraction of the ordinary and extraordinary rays along the optical axis in absorbing uniaxial media. Optik, 2015, 126, 536-540. | 1.4 | 2 |
| 20 | General expressions for the refractive indices of absorbing biaxial media as a function of the angle of incidence. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2015, 32, 228. | 0.8 | 2 |
| 21 | Colour differences among carcasses graded with similar score for conformation and fatness. Animal, 2008, 2, 1093-1100. | 1.3 | 1 |
| 22 | Negative reflection, negative refraction and ray displacements in biaxial absorbing media, In4Se3. Waves in Random and Complex Media, 2019, , 1-10. | 1.6 | 1 |
| 23 | Field vectors corresponding to complex directions of propagation. , 2003, , . | | 0 |
| 24 | Multispectral imaging determination of pigment concentration profiles in meat. , 2006, 6062, 10. | | 0 |
| 25 | The Number of Linearly Independent Vectors in Spectral Databases. Lecture Notes in Computer Science, 2009, , 570-579. | 1.0 | 0 |
| 26 | Luminance calibration of a full sky HDR imaging system using sky scanner measurements. Solar Energy, 2022, 239, 147-169. | 2.9 | 0 |