

# Frédéric B Leloup

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

295  
citations

1039880

9  
h-index

887953

17  
g-index

24  
all docs

24  
docs citations

24  
times ranked

195  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an image-based measurement instrument for gloss characterization. Journal of Coatings Technology Research, 2022, 19, 1567-1582.	1.2	3
2	Applicability of oxygen scavengers for shelf life extension during illuminated storage of cured cooked meat products packaged under modified atmosphere in materials with high and low oxygen permeability. Packaging Technology and Science, 2021, 34, 161-173.	1.3	5
3	Effect of packaging oxygen transmission rate on the shelf life of ready-to-eat foods susceptible to postcontamination during refrigerated and illuminated storage. Packaging Technology and Science, 2020, 33, 99-111.	1.3	3
4	BRDF characterization of Al-coated thermoplastic polymer surfaces. Journal of Coatings Technology Research, 2020, 17, 1195-1205.	1.2	2
5	Assessing the application of an image color appearance model to basic self-luminous scenes. Color Research and Application, 2019, 44, 848-858.	0.8	1
6	Development of an image-based gloss measurement instrument. Journal of Coatings Technology Research, 2019, 16, 913-921.	1.2	12
7	Repeatability and reproducibility of specular gloss meters in theory and practice. Journal of Coatings Technology Research, 2016, 13, 941-951.	1.2	8
8	Design of an inexpensive integrating sphere student laboratory setup for the optical characterization of light sources. European Journal of Physics, 2016, 37, 015302.	0.3	6
9	Design of an inexpensive integrating sphere laboratory setup for the optical characterization of a light source. Proceedings of SPIE, 2015, , .	0.8	2
10	Practical limitations of near-field goniophotometer measurements imposed by a dynamic range mismatch. Optics Express, 2015, 23, 2240.	1.7	9
11	Metrological issues related to BRDF measurements around the specular direction in the particular case of glossy surfaces. Proceedings of SPIE, 2015, , .	0.8	5
12	"Multidimensional reflectometry for industry" (xD-Reflect) an European research project. Proceedings of SPIE, 2014, , .	0.8	6
13	Rapid determination of the photometric bidirectional scatter distribution function by use of a near-field goniophotometer. Proceedings of SPIE, 2014, , .	0.8	1
14	Toward the soft metrology of surface gloss: A review. Color Research and Application, 2014, 39, 559-570.	0.8	42
15	42.3: <i>Invited Paper</i> : Progress in the Soft Metrology of Appearance: the Contribution of Digital Image Representations. Digest of Technical Papers SID International Symposium, 2014, 45, 603-606.	0.1	1
16	Determination of the bulk scattering parameters of diffusing materials. Applied Optics, 2013, 52, 4083.	0.9	21
17	Simulating the spatial luminance distribution of planar light sources by sampling of ray files. Optics Express, 2013, 21, 24099.	1.7	10
18	Bayesian deconvolution method applied to experimental bidirectional transmittance distribution functions. Measurement Science and Technology, 2013, 24, 035202.	1.4	6

#	ARTICLE	IF	CITATIONS
19	Impact of the accurateness of bidirectional reflectance distribution function data on the intensity and luminance distributions of a light-emitting diode mixing chamber as obtained by simulations. <i>Optical Engineering</i> , 2013, 52, 095101.	0.5	7
20	Overall gloss evaluation in the presence of multiple cues to surface glossiness. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2012, 29, 1105.	0.8	25
21	Luminance-based specular gloss characterization. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2011, 28, 1322.	0.8	24
22	Geometry of illumination, luminance contrast, and gloss perception. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2010, 27, 2046.	0.8	33
23	Design of an instrument for measuring the spectral bidirectional scatter distribution function. <i>Applied Optics</i> , 2008, 47, 5454.	2.1	63
24	Brightness appearance of self-luminous stimuli on a non-uniform background. <i>Color Research and Application</i> , 0, , .	0.8	0