

Alicia Fernández-Oliveras

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

96
citations

1684188

5
h-index

1720034

7
g-index

39
all docs

39
docs citations

39
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Scattering anisotropy measurements in dental tissues and biomaterials. Journal of the European Optical Society-Rapid Publications, 0, 7, .	1.9	20
2	Scattering and absorption properties of biomaterials for dental restorative applications. Journal of the European Optical Society-Rapid Publications, 0, 8, .	1.9	11
3	Pre-service Kindergarten Teachers's™ Conceptions of Play, Science, Mathematics, and Education. Procedia, Social and Behavioral Sciences, 2014, 152, 856-861.	0.5	11
4	Comparison of spectacle-lens optical quality by modulation transfer function measurements based on random-dot patterns. Optical Engineering, 2010, 49, 083603.	1.0	9
5	Using a Cooperative Educational Game to Promote Pro-Environmental Engagement in Future Teachers. Education Sciences, 2021, 11, 691.	2.6	6
6	Formación de Profesores de Matemáticas desde la Etnomatemática: estado de desarrollo. Bolema - Mathematics Education Bulletin, 2017, 31, 564-589.	0.4	5
7	Learning argumentation through role-playing: should we install a nuclear deposit?. Enseñanza De Las Ciencias, 2020, 38, 125.	0.3	5
8	Estudio de una propuesta lúdica para la educación científica y matemática globalizada en infantil. Revista Eureka Sobre Enseñanza Y Divulgación De Las Ciencias, 2016, 13, 373-383.	0.4	4
9	Games as STEAM learning enhancers. Application of traditional Jamaican games in Early Childhood and Primary Intercultural Education. Acta Scientiae, 2020, 22, .	0.3	4
10	Analysis of the Modulation Transfer Function Spectral Variation in Different Detector Arrays by Means of Speckle Patterns. Journal of Imaging Science and Technology, 2009, 53, 31101-1-31101-6.	0.5	3
11	Measurements of scattering anisotropy in dental tissue and zirconia ceramic. Proceedings of SPIE, 2012, , .	0.8	3
12	Implementation of a Playful Microproject Based on Traditional Games for Working on Mathematical and Scientific Content. Education Sciences, 2021, 11, 624.	2.6	3
13	Comparison between experimental and computational methods for scattering anisotropy coefficient determination in dental-resin composites. , 2012, , .		2
14	Speckle-based modulation transfer function measurements for comparative evaluation of CCD and CMOS detector arrays. Optical Review, 2013, 20, 41-49.	2.0	2
15	A Proposal for Global-Change Education based on an educational board game: A Planet on the Abyss. SHS Web of Conferences, 2019, 66, 01029.	0.2	2
16	Gloss measurements and rugometric inspection in dental biomaterials. Proceedings of SPIE, 2013, , .	0.8	1
17	Reflectance of interurban-road pavements from radar-based measurements. , 2013, , .		1
18	Professional Skills Related to Creativity and Critical Capacity in Optics and Optometry: Assaying a Teaching Approach for Undergraduate Training. Procedia, Social and Behavioral Sciences, 2014, 152, 862-867.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Broadening teacher training: playful learning in non-formal contexts for science and mathematics education. , 0, , .		1
20	INSTRUMENTO PARA EVALUAR COMPETENCIAS MATEMÁTICAS Y CIENTÍFICAS DEL ALUMNADO QUE INICIA EDUCACIÓN PRIMARIA, MEDIANTE JUEGOS. Paradigma, 0, , 326-359.	0.0	1
21	INSTRUMENTO PARA EVALUAR COMPETENCIAS MATEMÁTICAS Y CIENTÍFICAS DEL ALUMNADO QUE INICIA EDUCACIÓN PRIMARIA, MEDIANTE JUEGOS. Paradigma, 0, , 326-359.	0.0	1
22	Measurements of optical polarization properties in dental tissues and biomaterials. Proceedings of SPIE, 2011, , .	0.8	0
23	Optical comparison of detector arrays from modulation transfer function measurements with laser speckle patterns. , 2012, , .		0
24	Determination of optical properties in dental restorative biomaterials using the inverse-adding-doubling method. Proceedings of SPIE, 2013, , .	0.8	0
25	Rugometric and microtopographic non-invasive inspection in dental-resin composites and zirconia ceramics. Proceedings of SPIE, 2013, , .	0.8	0
26	Course for undergraduate students: analysis of the retinal image quality of a human eye model. Proceedings of SPIE, 2014, , .	0.8	0
27	The ERASMUS Programme Applied to Improving the Training of Geological Engineers in Germany: An Intensive Course on Natural Hazards. Procedia, Social and Behavioral Sciences, 2014, 152, 790-795.	0.5	0
28	Teaching methodologies to promote creativity in the professional skills related to optics knowledge. , 2014, , .		0
29	Operaciones y destrezas implicadas en la toma de decisiones sobre una problemática energética, identificadas por maestros en formación inicial. Revista Eureka Sobre Enseñanza Y Divulgación De Las Ciencias, 2018, 15, 1-14.	0.4	0
30	ANTHROPOLOGICAL AND ANALYTICAL STUDIES FOR THE DESIGN OF A PLAYFUL MICROPROJECT DEVOTED TO MATHEMATICS AND SCIENCE EDUCATION. , 2021, , .		0
31	INSTRUMENT FOR THE EDUCATIONAL ANALYSIS OF SCIENCE TEXTBOOKS OF SECONDARY EDUCATION FROM A GENDER PERSPECTIVE. , 2021, , .		0
32	Comparative analysis of scattering anisotropy measurements in dental tissues and biomaterials. Optica Pura Y Aplicada, 2013, 46, 183-188.	0.1	0
33	Microtopographic non-invasive inspection for determining roughness parameters of dental biomaterials. Optica Pura Y Aplicada, 2014, 47, 131-138.	0.1	0
34	Play in Scientific and Mathematical Non-Formal Education. Bagh Chal, a Tigers-and-Goats Game. , 0, , .		0
35	Playful Learning And Ict For Training Science Teachers: Coordinating a Teaching-Innovation Project. , 0, , .		0
36	Playful Learning And Ict For Training Science Teachers: Coordinating A Teaching-Innovation Project. , 0, , .		0

#	ARTICLE	IF	CITATIONS
37	A Web 2.0 For The Gamification Of Sciences In High School: Jedirojo Science. , 0, , .		0
38	Modelo semipresencial para la formación universitaria. Aplicación a titulaciones técnicas. Enseñanza De Las Ciencias, 2020, 38, 179-197.	0.3	0
39	Aplicación de un Instrumento para Valorar la Idoneidad Didáctica Etnomatemática a una Propuesta de Enseñanza-Aprendizaje sobre Patrones de Medida No Convencionales. Bolema - Mathematics Education Bulletin, 2021, 35, 1845-1875.	0.4	0