

Oscar Fernando Olea-Mejía

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of the Fe Nanoparticles Generated by Pulsed Plasma in Liquid in the Catalyzed Ozone Removal of Phenolphthalein. International Journal of Photoenergy, 2017, 2017, 1-6.	2.5	3
2	Synthesis of silver nanoparticles using aqueous extracts of Heterotheca inuloides as reducing agent and natural fibers as templates: Agave lechuguilla and silk. Materials Science and Engineering C, 2016, 69, 429-436.	7.3	40
3	Chemical and morphological changes in human dentin after <scp>E</scp>r:<scp>YAG</scp>laser irradiation: <scp>EDS</scp> and <scp>SEM</scp> analysis. Microscopy Research and Technique, 2015, 78, 1019-1025.	2.2	8
4	SERS-active Ag, Au and Ag@Au alloy nanoparticles obtained by laser ablation in liquids for sensing methylene blue. Applied Surface Science, 2015, 348, 66-70.	6.1	54
5	Inexpensive laser-induced surface modification in bismuth thin films. Applied Surface Science, 2015, 336, 212-216.	6.1	5
6	An evaluation of the antibacterial properties and shear bond strength of copper nanoparticles as a nanofiller in orthodontic adhesive. Australian Orthodontic Journal, 2015, 31, 42-8.	0.3	15
7	Chemical Changes Associated with Increased Acid Resistance of Er:YAG Laser Irradiated Enamel. Scientific World Journal, The, 2014, 2014, 1-6.	2.1	12
8	Morphological changes produced by acid dissolution in Er:YAG laser irradiated dental enamel. Microscopy Research and Technique, 2014, 77, 410-414.	2.2	7
9	Synthesis, characterization and antibacterial activity of copper, nickel and bimetallic Cu@Ni nanoparticles for potential use in dental materials. Progress in Natural Science: Materials International, 2014, 24, 321-328.	4.4	141
10	Morphological and Chemical Changes of Deciduous Enamel Produced by Er:YAG Laser, Fluoride, and Combined Treatment. Photomedicine and Laser Surgery, 2014, 32, 252-259.	2.0	15
11	Thermoluminescence response induced by UV radiation in Eu-doped zirconia nanopowders. Radiation Physics and Chemistry, 2014, 97, 118-125.	2.8	13
12	Co nanoparticle effects on the thermoluminescent signal induced by UV and gamma radiation in ZrO2 powders. Optical Materials, 2014, 36, 1219-1226.	3.6	13
13	Silver Nanoparticles Obtained by Laser Ablation Using Different Stabilizers. Japanese Journal of Applied Physics, 2013, 52, 11Nj01.	1.5	4
14	Synthesis and Characterization of Polyphosphazenes Modified with Hydroxyethyl Methacrylate and Lactic Acid. International Journal of Polymer Science, 2013, 2013, 1-7.	2.7	3
15	Evaluation of Self-Etching Adhesive and Er:YAG Laser Conditioning on the Shear Bond Strength of Orthodontic Brackets. Scientific World Journal, The, 2013, 2013, 1-5.	2.1	15
16	Polyurethane-Keratin Membranes: Structural Changes by Isocyanate and pH, and the Repercussion on Cr(VI) Removal. International Journal of Polymer Science, 2013, 2013, 1-12.	2.7	15
17	Facile Solventless Synthesis of a Nylon-6,6/Silver Nanoparticles Composite and Its XPS Study. International Journal of Polymer Science, 2013, 2013, 1-8.	2.7	15
18	ZrO2 Doped with Cobalt Nanoparticles to Detect UV Radiation. Materials Research Society Symposia Proceedings, 2012, 1371, 105.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Tribological Properties of Polymer Nanohybrids Containing Gold Nanoparticles Obtained by Laser Ablation. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 2750-2755.	0.9	6
20	ZrO ₂ Nanopowders Doped with Eu: SEM, XRD and UV Spectroscopy Studies. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1371, 39.	0.1	0
21	Morphological and Structural Changes on Human Dental Enamel After Er:YAG Laser Irradiation: AFM, SEM, and EDS Evaluation. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 493-500.	2.0	47
22	Strong thermoplastic elastomers created using nickel nanopowder. <i>Polymer Bulletin</i> , 2011, 67, 1671-1696.	3.3	9
23	Study of the Corrosion Rate of Three Contactors Materials Using the Electrochemical Technique of Tafel. <i>Advanced Materials Research</i> , 2011, 356-360, 1195-1201.	0.3	0
24	Wear Resistance and Wear Mechanisms in Polymer + Metal Composites. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 8254-8259.	0.9	27
25	Surface and electrical properties of high density polyethylene + carbon black composites near the percolation threshold. <i>E-Polymers</i> , 2010, 10, .	3.0	3
26	Reinforcement of Polymeric Latexes by <I>In Situ</I> Polymerization. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 6661-6667.	0.9	10
27	Scratch resistance of a polycarbonate + organoclay nanohybrid. <i>EXPRESS Polymer Letters</i> , 2009, 3, 621-629.	2.1	23
28	Microhybrids of metal powder incorporated in polymeric matrices: Friction, mechanical behavior, and microstructure. <i>Polymer Engineering and Science</i> , 2008, 48, 1977-1981.	3.1	21
29	Polypropylene + Polystyrene Blends with a Compatibilizer. Part I. Morphology and Thermophysical Properties. <i>E-Polymers</i> , 2008, 8, .	3.0	4
30	Polypropylene + Polystyrene Blends with a Compatibilizer. Part 2. Tribological and Mechanical Properties. <i>E-Polymers</i> , 2008, 8, .	3.0	5
31	Focused ion beam milling and scanning electron microscopy characterization of polymer+metal hybrids. <i>Materials Letters</i> , 2007, 61, 1333-1336.	2.6	59
32	Thermoluminescent a-CN thin films properties as a function of plasma parameters. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 79, 1133-1135.	2.3	2
33	Bismuth and Gold Nanoparticles Prepared by Laser Ablation in Aqueous Solutions. <i>Advanced Materials Research</i> , 0, 976, 196-201.	0.3	5