

Ventura Rodriguez Lugo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Estudio a primeros principios de las propiedades estructurales, electrónicas y ópticas del sistema CsSnBr ₃ empleando el método Siesta. <i>P&A,DI Bolet&Aacute;n Cient&Aacute;fico De Ciencias B&Aacute;sicas E Ingenier&Aacute;as Del ICBI</i> , 2022, 10, 108-112.	0.0	0
2	Curiosidades e implicaciones tecnolÁgicas de la hidroxiapatita sintÁtica. <i>P&A,DI Bolet&Aacute;n Cient&Aacute;fico De Ciencias B&Aacute;sicas E Ingenier&Aacute;as Del ICBI</i> , 2022, 10, 50-54.	0.0	0
3	Synthesis of Hydronium-Potassium Jarosites: The Effect of pH and Aging Time on Their Structural, Morphological, and Electrical Properties. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 80.	0.8	9
4	A theoretical study on the electronic, structural and optical properties of armchair, zigzag and chiral silicon-germanium nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 13075-13086.	1.3	2
5	Modulated Monoclinic Hydroxyapatite: The Effect of pH in the Microwave Assisted Method. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 314.	0.8	12
6	High CO ₂ sensing responses of CÁH functionalized graphene oxide. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	1
7	Study of Pigments from the Colonial Convent of Actopan, Hidalgo, Mexico. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1078-1088.	0.8	0
8	Estudio teÁrico de las propiedades estructurales, electrÁnicas y Ápticas de la ferrita de gadolinio en fase cÁbica. <i>T&Aacute;picos De Investigaci&Aacute;n En Ciencias De La Tierra Y Materiales</i> , 2021, 8, 30-36.	0.0	0
9	Dy ₂ O ₃ -unpurified hydroxyapatite: a promising thermoluminescent sensor and biomimetic nanotherapeutic. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	4
10	Use of the O ₂ -Thiosemicarbazide System, for the Leaching of: Gold and Copper from WEEE & Silver Contained in Mining Wastes. <i>Materials</i> , 2021, 14, 7329.	1.3	4
11	SÁntesis, simulaciÁn y propiedades Ápticas de un resorcinareno portador de quinolinas. <i>P&A,DI Bolet&Aacute;n Cient&Aacute;fico De Ciencias B&Aacute;sicas E Ingenier&Aacute;as Del ICBI</i> , 2021, 9, 187-192.	0.0	0
12	Estudio sobre los parÁmetros de impresiÁn para mejorar la inyecciÁn por goteo-sobre-demanda. <i>P&A,DI Bolet&Aacute;n Cient&Aacute;fico De Ciencias B&Aacute;sicas E Ingenier&Aacute;as Del ICBI</i> , 2021, 9, 72-81.	0.0	0
13	AplicaciÁn del MEB-EDS en el estudio morfolÁgico y quÁmico-elemental de hidroxiapatita sintetizada en presencia de PVP. <i>P&A,DI Bolet&Aacute;n Cient&Aacute;fico De Ciencias B&Aacute;sicas E Ingenier&Aacute;as Del ICBI</i> , 2021, 9, 50-56.	0.0	0
14	SÁntesis, caracterizaciÁn y estudio de la naturaleza de reacciÁn de la beudantita. <i>P&A,DI Bolet&Aacute;n Cient&Aacute;fico De Ciencias B&Aacute;sicas E Ingenier&Aacute;as Del ICBI</i> , 2021, 9, 105-109.	0.0	0
15	Estudio teÁrico comparativo de Superalaciones base Ni-Al: AlNi ₃ y ScNi ₃ . <i>P&A,DI Bolet&Aacute;n Cient&Aacute;fico De Ciencias B&Aacute;sicas E Ingenier&Aacute;as Del ICBI</i> , 2021, 9, 237-244.	0.0	0
16	Efecto del tratamiento tÁrmico a baja temperatura para la obtenciÁn de pelÁculas delgadas de SnO. <i>P&A,DI Bolet&Aacute;n Cient&Aacute;fico De Ciencias B&Aacute;sicas E Ingenier&Aacute;as Del ICBI</i> , 2021, 9, 110-118.	0.0	0
17	El pH como parÁmetro en la sÁntesis de hidroxiapatita y cloroapatita a partir del mÁtodo hidrotermal asistido por microondas. <i>P&A,DI Bolet&Aacute;n Cient&Aacute;fico De Ciencias B&Aacute;sicas E Ingenier&Aacute;as Del ICBI</i> , 2021, 9, 34-40.	0.0	1
18	Recovery of gold and base metals from waste printed circuits boards. <i>P&A,DI Bolet&Aacute;n Cient&Aacute;fico De Ciencias B&Aacute;sicas E Ingenier&Aacute;as Del ICBI</i> , 2021, 9, 62-71.	0.0	0

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19	Simple process and uncomplicated reduction of graphene oxide. <i>Materials Chemistry and Physics</i> , 2020, 242, 122325.	2.0	22
20	Pt@Ni/ZnO-rod catalysts for hydrogen production by steam reforming of methanol with oxygen. <i>RSC Advances</i> , 2020, 10, 41315-41323.	1.7	15
21	The pH Effect on the Growth of Hexagonal and Monoclinic Hydroxyapatite Synthesized by the Hydrothermal Method. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-10.	1.5	21
22	Cationic surfactant at high pH in microwave HAp synthesis. <i>Materials Letters</i> , 2020, 265, 127416.	1.3	11
23	El Potencial de la Hidroxiapatita Dopada como Sensor Termoluminiscente de Radiación ionizante. <i>P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI</i> , 2020, 8, 85-90.	0.0	3
24	Leaching of Silver and Gold Contained in a Sedimentary Ore, Using Sodium Thiosulfate; A Preliminary Kinetic Study. <i>Metals</i> , 2020, 10, 159.	1.0	13
25	Estudio teórico de las propiedades estructurales y electrónicas en sistemas BaTiO ₃ y BaZrO ₃ . <i>P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI</i> , 2020, 8, 54-59.	0.0	0
26	Caracterización de polvos de TiO ₂ :Ni ²⁺ :Eu ³⁺ :W ⁶⁺ y su uso potencial como catalizador. <i>P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI</i> , 2020, 8, 99-102.	0.0	0
27	Revisión de la Hidroxiapatita Nanoestructurada como Alternativa para Tratamiento de Cáncer. <i>P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI</i> , 2020, 8, 115-127.	0.0	2
28	Cinética de Molienda de las Escombreras del Distrito Pachuca-Real del Monte, Estado de Hidalgo, México. <i>P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI</i> , 2020, 8, 74-79.	0.0	0
29	Estudio teórico fundamental comparativo de perovskitas: NaNbO ₃ y SrTiO ₃ . <i>P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI</i> , 2020, 8, 60-67.	0.0	0
30	Caracterización microestructural de mármol de una cantera localizada en el Municipio de Tepexi de Rodríguez, Estado de Puebla. <i>P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI</i> , 2020, 8, 68-73.	0.0	0
31	Characterization of hap nanostructures doped with AgNp and the gamma radiation effects. <i>Results in Physics</i> , 2019, 15, 102702.	2.0	6
32	Low temperature facile synthesis of ZnO nuts and needle like microstructures. <i>Materials Letters</i> , 2019, 246, 56-59.	1.3	10
33	Estudio termodinámico para la obtención de nanohidroxiapatita por el método de microondas. <i>P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI</i> , 2019, 7, 35-40.	0.0	0
34	Evaluación de la Corrosión en un Sistema Híbrido de Protección catódica. <i>P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI</i> , 2019, 7, 30-38.	0.0	0
35	Optimización estructural de la Perovskita de Zirconato de estroncio: un estudio a primeros principios. <i>P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI</i> , 2019, 7, 88-92.	0.0	0
36	Estudio de interferencias eléctricas como resultado de la cercanía de sistemas de corriente impresa. <i>P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI</i> , 2019, 7, 53-57.	0.0	0

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37	Estudio de la Protección Catódica en un Cruce Aéreo. P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI, 2019, 7, 26-29.	0.0	0
38	Efecto de las fallas de recubrimiento mecánico en los potenciales de protección catódica en ductos enterrados. P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI, 2019, 7, 39-47.	0.0	0
39	Evaluación de la lumiscencia de puntos cuánticos de carbono sintetizados mediante el método hidrotermal a partir de triticum. P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI, 2019, 7, 19-22.	0.0	0
40	The role of Eu on the thermoluminescence induced by gamma radiation in nano hydroxyapatite. Journal of Materials Science: Materials in Electronics, 2018, 29, 15579-15586.	1.1	6
41	Wet chemical synthesis of nanocrystalline hydroxyapatite flakes: effect of pH and sintering temperature on structural and morphological properties. Royal Society Open Science, 2018, 5, 180962.	1.1	77
42	Leaching of Silver Contained in Mining Tailings: A Comparative Study of Several Leaching Reagents. , 2018, , 11-53.		1
43	Caracterización y estudio de la composición de oro presente en la chatarra electrónica.. P.A.,DI Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI, 2018, 6, .	0.0	0
44	Hydroxyapatite synthesis from a starfish and $\text{H}_2\text{-tricalcium}$ phosphate using a hydrothermal method. RSC Advances, 2017, 7, 7631-7639.	1.7	23
45	ZnO thin films as propane sensors: Band structure models to explicate the dependence between the structural and morphological properties on gas sensitivity. Journal of Physics and Chemistry of Solids, 2017, 106, 16-28.	1.9	6
46	Clays for Brick Manufacturing in Actopan, Hidalgo: Physical, Chemical and Mineralogical Characterization. Materials Research, 2017, 20, 1185-1192.	0.6	1
47	Diatoms and Their Capability for Heavy Metal Removal by Cationic Exchange. Metals, 2017, 7, 169.	1.0	24
48	A Study of the CO Sensing Responses of Cu-, Pt- and Pd-Activated SnO ₂ Sensors: Effect of Precipitation Agents, Dopants and Doping Methods. Sensors, 2017, 17, 1011.	2.1	33
49	Electron Microscopy Characterization of Crystalline Nanostructures Present in Asphaltene. Energy & Fuels, 2016, 30, 3752-3757.	2.5	14
50	Biomimetic growth of hydroxylapatite on SiO ₂ -PMMA hybrid coatings. Materials Letters, 2016, 184, 265-268.	1.3	8
51	Effect of bio-calcium oxide on the morphology of hydroxyapatite. International Journal of Basic and Applied Sciences, 2015, 4, 395-403.	0.2	8
52	Carbonato de Calcio en México. Características geológicas, mineralógicas y aplicaciones. , 2015, , .		0
53	Hydrogen Production by Methanol Steam Reforming Over Pd/ZrO ₂ -TiO ₂ Catalysts. Topics in Catalysis, 2011, 54, 572-578.	1.3	35
54	Hydrogen production by oxidative steam reforming of methanol over Ni/CeO ₂ -ZrO ₂ catalysts. International Journal of Hydrogen Energy, 2011, 36, 6601-6608.	3.8	56

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55	Nonlinear changes in pore size induced by temperature in the design of smart membranes. <i>Polymer Journal</i> , 2010, 42, 947-951.	1.3	5
56	Thermoluminescent Behavior of ZrO ₂ -CeO ₂ System Exposed to UV and Gamma Radiation. <i>Materials and Manufacturing Processes</i> , 2007, 22, 301-304.	2.7	8
57	Synthesis And Structural Characterization Of Hydroxyapatite Obtained From CaO And CaHP04 By A Hydrothermal Method. <i>Materials Research Innovations</i> , 2005, 9, 20-22.	1.0	12
58	Multisociety Conference on Materials Science Held in Cancun in August 2004. <i>MRS Bulletin</i> , 2005, 30, 54-54.	1.7	0
59	Characterization of Hydroxyapatite by Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2005, 11, 516-523.	0.2	13
60	TEM and molecular simulation studies on the hydroxylapatite structure with Si and Mg impurities. <i>Journal of Materials Science: Materials in Medicine</i> , 2004, 15, 735-740.	1.7	4
61	XII International Materials Research Congress Held in Cancun in August. <i>MRS Bulletin</i> , 2004, 29, 411-411.	1.7	0
62	Microstructural study of asphaltene precipitated with methylene chloride and n-hexane. <i>Fuel</i> , 2003, 82, 977-982.	3.4	70
63	Growth of calcium phosphate onto chemically-functionalized cottons. <i>Designed Monomers and Polymers</i> , 2003, 6, 383-398.	0.7	5
64	Morphological and Compositional Changes on Sand Dollar Biomaterials Induced by Heat Treatments. <i>Materials and Manufacturing Processes</i> , 2003, 18, 67-78.	2.7	10
65	Synthesis of Hydroxylapatite from Sand Dollar and β -Tricalcium Phosphate by Solid-State Method. <i>Materials and Manufacturing Processes</i> , 2003, 18, 903-913.	2.7	12
66	Effect of pH on the precipitation of hydroxyapatite on silica gels. <i>Materials Research Innovations</i> , 2003, 7, 68-73.	1.0	12
67	Synthesis of silicon carbide from rice husk. <i>International Journal of Environment and Pollution</i> , 2002, 18, 378.	0.2	20
68	Theoretical analysis of hydroxylapatite and its main precursors by quantum mechanics and HREM image simulation. <i>Computational Materials Science</i> , 2002, 25, 413-426.	1.4	19
69	Fullerene structures derived from oil asphaltenes. <i>Carbon</i> , 2002, 40, 2761-2766.	5.4	43
70	β -radiation-induced thermoluminescence of Fe-doped silica gels. <i>Journal of Materials Science: Materials in Electronics</i> , 1999, 10, 623-625.	1.1	0
71	Study of prehispanic wall paintings from Xochicalco, Mexico, using PIXE, XRD, SEM and FTIR. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1999, 240, 561-569.	0.7	6
72	Hygrosopicity control in clays by an ethyl acrylate-methyl acrylate copolymer. <i>Materials Letters</i> , 1996, 27, 115-120.	1.3	3

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73	Measuring two-dimensional fractal patterns: The role of the definition of dimension. Computational Materials Science, 1995, 4, 172-180.	1.4	3
74	Use of Porous no Metallic Minerals to Remove Heavy Metals, Precious Metals and Rare Earths, by Cationic Exchange. , 0, , .		0