

# Simon Yobanny Reyes Lopez

## List of Publications by Citations

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62

papers

735

citations

15

h-index

25

g-index

75

ext. papers

940

ext. citations

2.9

avg, IF

4.89

L-index

#	Paper	IF	Citations
62	Dose-Dependent Antimicrobial Activity of Silver Nanoparticles on Polycaprolactone Fibers against Gram-Positive and Gram-Negative Bacteria. <i>Journal of Nanomaterials</i> , <b>2017</b> , 2017, 1-9	3.2	73
61	Antimicrobial Activity of Silver Nanoparticles in Polycaprolactone Nanofibers against Gram-Positive and Gram-Negative Bacteria. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2016</b> , 55, 12532-12538	3.9	68
60	Green synthesis of silver nanoparticles using a <i>Melissa officinalis</i> leaf extract with antibacterial properties. <i>Results in Physics</i> , <b>2017</b> , 7, 2639-2643	3.7	65
59	Eco-friendly synthesis of Fe <sub>3</sub> O <sub>4</sub> nanoparticles: Evaluation of their catalytic activity in methylene blue degradation by kinetic adsorption models. <i>Results in Physics</i> , <b>2019</b> , 12, 989-995	3.7	63
58	Biosynthesis of Ag nanoparticles using <i>Cynara cardunculus</i> leaf extract: Evaluation of their antibacterial and electrochemical activity. <i>Results in Physics</i> , <b>2018</b> , 11, 1142-1149	3.7	34
57	ZrO-ZnO Nanoparticles as Antibacterial Agents. <i>ACS Omega</i> , <b>2019</b> , 4, 19216-19224	3.9	27
56	Fabrication of Alumina fibers by sol-gel and electrospinning of aluminum nitrate precursor solutions. <i>Results in Physics</i> , <b>2019</b> , 12, 193-204	3.7	26
55	Antifungal susceptibility of <i>Candida</i> species to copper oxide nanoparticles on polycaprolactone fibers (PCL-CuONPs). <i>PLoS ONE</i> , <b>2020</b> , 15, e0228864	3.7	24
54	Use of bone char prepared from an invasive species, pleco fish ( <i>Pterygoplichthys</i> spp.), to remove fluoride and Cadmium(II) in water. <i>Journal of Environmental Management</i> , <b>2020</b> , 256, 109956	7.9	22
53	Thermal degradation of aluminum formate sol-gel; synthesis of Alumina and characterization by <sup>1</sup> H, <sup>13</sup> C and <sup>27</sup> Al MAS NMR and XRD spectroscopy. <i>Results in Physics</i> , <b>2016</b> , 6, 1096-1102	3.7	21
52	Antimicrobial Properties of Biofunctionalized Silver Nanoparticles on Clinical Isolates of <i>Streptococcus mutans</i> and Its Serotypes. <i>Nanomaterials</i> , <b>2016</b> , 6,	5.4	18
51	Novel Route of Synthesis of PCL-CuONPs Composites With Antimicrobial Properties. <i>Dose-Response</i> , <b>2019</b> , 17, 1559325819869502	2.3	17
50	Bovine Serum Albumin and Chitosan Coated Silver Nanoparticles and Its Antimicrobial Activity against Oral and Nonoral Bacteria. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-9	3.2	17
49	Surface enhanced Raman spectroscopy in nanofibers mats of SiO <sub>2</sub> -TiO <sub>2</sub> -Ag. <i>Results in Physics</i> , <b>2017</b> , 7, 2520-2527	3.7	16
48	Preparation of PCL/Clay and PVA/Clay Electrospun Fibers for Cadmium (Cd <sup>2+</sup> ), Chromium (Cr <sup>3+</sup> ), Copper (Cu <sup>2+</sup> ) and Lead (Pb <sup>2+</sup> ) Removal from Water. <i>Water, Air, and Soil Pollution</i> , <b>2016</b> , 227, 1	2.6	15
47	Synthesis of Al <sub>2</sub> O <sub>3</sub> from aluminum cans by wet-chemical methods. <i>Results in Physics</i> , <b>2018</b> , 11, 1075-1079	3.7	14
46	Antiadherence and Antimicrobial Properties of Silver Nanoparticles against <i>Streptococcus mutans</i> on Brackets and Wires Used for Orthodontic Treatments. <i>Journal of Nanomaterials</i> , <b>2018</b> , 2018, 1-11	3.2	14

45	Magnetic structures synthesized by controlled oxidative etching: Structural characterization and magnetic behavior. <i>Results in Physics</i> , <b>2017</b> , 7, 1828-1832	3.7	13
44	Novel biosynthesis of Ag-hydroxyapatite: Structural and spectroscopic characterization. <i>Results in Physics</i> , <b>2018</b> , 9, 593-597	3.7	13
43	A Novel Route for the Preparation of Gold Nanoparticles in Polycaprolactone Nanofibers. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-7	3.2	13
42	Synthesis of Hydroxyapatite-Ag Composite as Antimicrobial Agent. <i>Dose-Response</i> , <b>2020</b> , 18, 1559325820941374	2.3	11
41	FIBROUS SILICA-HYDROXYAPATITE COMPOSITE BY ELECTROSPINNING. <i>International Journal of Research -GRANTHAALAYAH</i> , <b>2017</b> , 5, 39-47	0.2	12
40	Effect of NiO and MoO <sub>3</sub> addition on the crystallinity and mechanical properties of Cordierite and Cordierite in the MgO-Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> system. <i>Results in Physics</i> , <b>2019</b> , 13, 102227	3.7	11
39	Bactericidal Activity Study of ZrO-AgO Nanoparticles. <i>Dose-Response</i> , <b>2020</b> , 18, 1559325820941374	2.3	11
38	The Ring-Opening Polymerization of ε-Caprolactone Catalyzed by Molybdenum Trioxide: A Kinetic Approach Study Using NMR and DSC Data. <i>Macromolecular Symposia</i> , <b>2013</b> , 325-326, 21-37	0.8	10
37	Antimicrobial and Substantivity Properties of Silver Nanoparticles against Oral Microbiomes Clinically Isolated from Young and Young-Adult Patients. <i>Journal of Nanomaterials</i> , <b>2019</b> , 2019, 1-14	3.2	10
36	Allura Red dye sorption onto electrospun zirconia nanofibers. <i>Environmental Technology and Innovation</i> , <b>2020</b> , 18, 100760	7	9
35	Sol-Gel and Electrospinning Synthesis of Lithium Niobate-Silica Nanofibers. <i>Coatings</i> , <b>2019</b> , 9, 212	2.9	6
34	In vitro evaluation of poly-ε-caprolactone-hydroxyapatite-alumina electrospun fibers on the fibroblast proliferation. <i>Results in Materials</i> , <b>2020</b> , 6, 100091	2.3	6
33	Oxytetracycline Sorption onto Synthesized Materials from Hydroxyapatite and Aluminosilicates. <i>Water, Air, and Soil Pollution</i> , <b>2020</b> , 231, 1	2.6	6
32	Synthesis of γ-Alumina Nano-Onions by Thermal Decomposition of Aluminum Formate. <i>Journal of Nanomaterials</i> , <b>2018</b> , 2018, 1-7	3.2	6
31	Sol-Gel and Electrospinning Synthesis of Silica-Hydroxyapatite-Silver Nanofibers for SEIRAS and SERS. <i>Coatings</i> , <b>2020</b> , 10, 910	2.9	6
30	Comparative Study of Ag Nanostructures: Molecular Simulations, Electrochemical Behavior, and Antibacterial Effect. <i>Journal of Nanomaterials</i> , <b>2016</b> , 2016, 1-9	3.2	6
29	Preparation of Silver-Doped Alumina Spherical Beads with Antimicrobial Properties. <i>Journal of Nanomaterials</i> , <b>2018</b> , 2018, 1-13	3.2	5
28	Tetracycline adsorption on steam alternative activated carbon: kinetic and thermodynamic parameters	114, 307-319	5

27	Analysis for the Sorption Kinetics of Ag Nanoparticles on Natural Clinoptilolite. <i>Advances in Condensed Matter Physics</i> , <b>2015</b> , 2015, 1-7	1	4
26	Hyalinizing clear cell carcinoma-a rare entity in the oral cavity: A case report. <i>World Journal of Clinical Cases</i> , <b>2020</b> , 8, 133-139	1.6	4
25	Alumina-Hydroxyapatite-Silver Spheres With Antibacterial Activity.. <i>Dose-Response</i> , <b>2021</b> , 19, 15593258211011337	1.0	3
24	Synthesis and Characterization of Bifunctional Fe <sub>2</sub> O <sub>3</sub> -Ag Nanoparticles. <i>Advances in Condensed Matter Physics</i> , <b>2015</b> , 2015, 1-6	1	3
23	REVIEW OF THE SYNTHESIS, CHARACTERIZATION AND APPLICATION OF ZIRCONIA MIXED METAL OXIDE NANOPARTICLES. <i>International Journal of Research -GRANTHAALAYAH</i> , <b>2018</b> , 6, 136-145	0.2	3
22	Evaluation of Antifungal Activity by Mixed Oxide Metallic Nanocomposite against Candida spp.. <i>Processes</i> , <b>2021</b> , 9, 773	2.9	3
21	Bone Char from an Invasive Aquatic Specie as a Green Adsorbent for Fluoride Removal in Drinking Water. <i>Water, Air, and Soil Pollution</i> , <b>2021</b> , 232, 1	2.6	3
20	Preparation of Electrospun Hydroxyapatite-Glass Fibers for Removal of Cadmium (Cd <sup>2+</sup> ) and Lead (Pb <sup>2+</sup> ) from Aqueous Media. <i>Water, Air, and Soil Pollution</i> , <b>2020</b> , 231, 1	2.6	2
19	Magnetic Nanoparticles of Fe <sub>3</sub> O <sub>4</sub> Biosynthesized by Cnicus benedictus Extract: Photocatalytic Study of Organic Dye Degradation and Antibacterial Behavior. <i>Processes</i> , <b>2020</b> , 8, 946	2.9	2
18	Cell behavior on silica-hydroxyapatite coaxial composite. <i>PLoS ONE</i> , <b>2021</b> , 16, e0246256	3.7	2
17	Polycaprolactone/Alumina and Hydroxyapatite-based Micro- and Nano- Structured Hybrid Fibers. <i>Materials Research Society Symposia Proceedings</i> , <b>2013</b> , 1569, 185-191		1
16	Effect of Zn Nanoparticles Doping on Oxytetracycline Removal by Natural Aluminosilicate and Carbon Nanotubes. <i>Water, Air, and Soil Pollution</i> , <b>2022</b> , 233,	2.6	1
15	Molecular interaction of $\beta$ -carotene with sweet potato starch: A bleaching-restitution assay. <i>Food Hydrocolloids</i> , <b>2022</b> , 127, 107522	10.6	1
14	Antifungal activity and cytotoxicity study of ZrO <sub>2</sub> -ZnO bimetallic nanoparticles. <i>Inorganic Chemistry Communication</i> , <b>2021</b> , 134, 108954	3.1	1
13	SOLID STATE SYNTHESIS OF La-DOPED NaTaO <sub>6</sub> UNDER TIME-REDUCE CONDITIONS AND ITS PHOTOCATALYTIC PROPERTIES. <i>Ceramics - Silikaty</i> , <b>2016</b> , 278-284	0.6	1
12	Preliminary Biocompatibility Tests of Poly- $\epsilon$ -Caprolactone/Silver Nanofibers in Wistar Rats. <i>Polymers</i> , <b>2021</b> , 13,	4.5	1
11	Surface Enhanced Infrared Absorption Studies of SiO <sub>2</sub> /TiO <sub>2</sub> /Ag Nanofibers: Effect of Silver Electrodeposition Time on the Amplification of Signals. <i>Crystals</i> , <b>2021</b> , 11, 563	2.3	1
10	Antimicrobial Activity of Silver Nanoparticles against Clinical Biofilms from Patients with and without Dental Caries. <i>Journal of Nanomaterials</i> , <b>2021</b> , 2021, 1-13	3.2	1

9	Sol-Gel Ceramics for SEIRAS and SERS Substrates. <i>Crystals</i> , <b>2021</b> , 11, 439	2.3	o
8	Data for the synthesis, characterization, and use of xerogels as adsorbents for the removal of fluoride and bromide in aqueous phase.. <i>Data in Brief</i> , <b>2022</b> , 42, 108138	1.2	o
7	Antimicrobial study of the Al <sub>2</sub> O <sub>3</sub> -Cu and Al <sub>2</sub> O <sub>3</sub> -Hydroxiapatite-Cu spheres. <i>Inorganic Chemistry Communication</i> , <b>2022</b> , 138, 109253	3.1	
6	Primary maxillary chondrosarcoma: A case report. <i>World Journal of Clinical Cases</i> , <b>2020</b> , 8, 126-132	1.6	
5	ADSORBENT MATERIALS FOR EMERGING CONTAMINANT (TETRACYCLINE) REMOVAL. <i>International Journal of Research -GRANTHAALAYAH</i> , <b>2021</b> , 9, 466-491	0.2	
4	Effect of microwave treatment onto activated carbon produced from pecan nut shells for Tartrazine removal from aqueous media. <i>International Journal of Environment and Pollution</i> , <b>2018</b> , 63, 298	0.7	
3	Environmental application of quartz-based construction waste: tartrazine removal from aqueous media. <i>International Journal of Environmental Science and Technology</i> , 1	3.3	
2	Alumina Spheres for Azo Dye (Allura Red) Removal from Aqueous Media. <i>Adsorption Science and Technology</i> , <b>2022</b> , 2022, 1-14	3.6	
1	Poly-ε-Caprolactone-Hydroxyapatite-Alumina (PCL-HA- $\text{Al}_2\text{O}_3$ ) Electrospun Nanofibers in Wistar Rats. <i>Polymers</i> , <b>2022</b> , 14, 2130	4.5	