

Simon Yobanny Reyes Lopez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Effect of Zn Nanoparticles Doping on Oxytetracycline Removal by Natural Aluminosilicate and Carbon Nanotubes. <i>Water, Air, and Soil Pollution</i> , 2022 , 233,	2.6	1
61	Molecular interaction of β -carotene with sweet potato starch: A bleaching-restitution assay. <i>Food Hydrocolloids</i> , 2022 , 127, 107522	10.6	1
60	Antimicrobial study of the Al ₂ O ₃ -Cu and Al ₂ O ₃ -Hydroxyapatite-Cu spheres. <i>Inorganic Chemistry Communication</i> , 2022 , 138, 109253	3.1	
59	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> , 2022 , 42, 108138	1.2	0
58	Alumina Spheres for Azo Dye (Allura Red) Removal from Aqueous Media. <i>Adsorption Science and Technology</i> , 2022 , 2022, 1-14	3.6	
57	Poly- ϵ -Caprolactone-Hydroxyapatite-Alumina (PCL-HA- Al_2O_3) Electrospun Nanofibers in Wistar Rats. <i>Polymers</i> , 2022 , 14, 2130	4.5	
56	Antifungal activity and cytotoxicity study of ZrO ₂ -ZnO bimetallic nanoparticles. <i>Inorganic Chemistry Communication</i> , 2021 , 134, 108954	3.1	1
55	Alumina-Hydroxyapatite-Silver Spheres With Antibacterial Activity.. <i>Dose-Response</i> , 2021 , 19, 15593258213011437	2.3	0
54	Preliminary Biocompatibility Tests of Poly- ϵ -Caprolactone/Silver Nanofibers in Wistar Rats. <i>Polymers</i> , 2021 , 13,	4.5	1
53	Sol-Gel Ceramics for SEIRAS and SERS Substrates. <i>Crystals</i> , 2021 , 11, 439	2.3	0
52	Evaluation of Antifungal Activity by Mixed Oxide Metallic Nanocomposite against Candida spp.. <i>Processes</i> , 2021 , 9, 773	2.9	3
51	ADSORBENT MATERIALS FOR EMERGING CONTAMINANT (TETRACYCLINE) REMOVAL. <i>International Journal of Research -GRANTHAALAYAH</i> , 2021 , 9, 466-491	0.2	
50	Surface Enhanced Infrared Absorption Studies of SiO ₂ /TiO ₂ /Ag Nanofibers: Effect of Silver Electrodeposition Time on the Amplification of Signals. <i>Crystals</i> , 2021 , 11, 563	2.3	1
49	Cell behavior on silica-hydroxyapatite coaxial composite. <i>PLoS ONE</i> , 2021 , 16, e0246256	3.7	2
48	Antimicrobial Activity of Silver Nanoparticles against Clinical Biofilms from Patients with and without Dental Caries. <i>Journal of Nanomaterials</i> , 2021 , 2021, 1-13	3.2	1
47	Bone Char from an Invasive Aquatic Specie as a Green Adsorbent for Fluoride Removal in Drinking Water. <i>Water, Air, and Soil Pollution</i> , 2021 , 232, 1	2.6	3
46	In vitro evaluation of poly- ϵ -caprolactone-hydroxyapatite-alumina electrospun fibers on the fibroblast proliferation. <i>Results in Materials</i> , 2020 , 6, 100091	2.3	6

45	Oxytetracycline Sorption onto Synthetized Materials from Hydroxyapatite and Aluminosilicates. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1	2.6	6
44	Antifungal susceptibility of <i>Candida</i> species to copper oxide nanoparticles on polycaprolactone fibers (PCL-CuONPs). <i>PLoS ONE</i> , 2020 , 15, e0228864	3.7	24
43	Hyalinizing clear cell carcinoma-a rare entity in the oral cavity: A case report. <i>World Journal of Clinical Cases</i> , 2020 , 8, 133-139	1.6	4
42	Primary maxillary chondrosarcoma: A case report. <i>World Journal of Clinical Cases</i> , 2020 , 8, 126-132	1.6	
41	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> , 2020 , 256, 109956	7.9	22
40	Sol-Gel and Electrospinning Synthesis of Silica-Hydroxyapatite-Silver Nanofibers for SEIRAS and SERS. <i>Coatings</i> , 2020 , 10, 910	2.9	6
39	Bactericidal Activity Study of ZrO-AgO Nanoparticles. <i>Dose-Response</i> , 2020 , 18, 1559325820941374	2.3	11
38	Preparation of Electrospun Hydroxyapatite-Glass Fibers for Removal of Cadmium (Cd ²⁺) and Lead (Pb ²⁺) from Aqueous Media. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1	2.6	2
37	Magnetic Nanoparticles of Fe ₃ O ₄ Biosynthesized by <i>Cnicus benedictus</i> Extract: Photocatalytic Study of Organic Dye Degradation and Antibacterial Behavior. <i>Processes</i> , 2020 , 8, 946	2.9	2
36	Synthesis of Hydroxyapatite-Ag Composite as Antimicrobial Agent. <i>Dose-Response</i> , 2020 , 18, 1559325820951342	2.3	11
35	Allura Red dye sorption onto electrospun zirconia nanofibers. <i>Environmental Technology and Innovation</i> , 2020 , 18, 100760	7	9
34	Sol-Gel and Electrospinning Synthesis of Lithium Niobate-Silica Nanofibers. <i>Coatings</i> , 2019 , 9, 212	2.9	6
33	Effect of NiO and MoO ₃ addition on the crystallinity and mechanical properties of Kordierite and Kordierite in the MgO-Al ₂ O ₃ -SiO ₂ system. <i>Results in Physics</i> , 2019 , 13, 102227	3.7	11
32	Novel Route of Synthesis of PCL-CuONPs Composites With Antimicrobial Properties. <i>Dose-Response</i> , 2019 , 17, 1559325819869502	2.3	17
31	ZrO-ZnO Nanoparticles as Antibacterial Agents. <i>ACS Omega</i> , 2019 , 4, 19216-19224	3.9	27
30	Antimicrobial and Substantivity Properties of Silver Nanoparticles against Oral Microbiomes Clinically Isolated from Young and Young-Adult Patients. <i>Journal of Nanomaterials</i> , 2019 , 2019, 1-14	3.2	10
29	Eco-friendly synthesis of Fe ₃ O ₄ nanoparticles: Evaluation of their catalytic activity in methylene blue degradation by kinetic adsorption models. <i>Results in Physics</i> , 2019 , 12, 989-995	3.7	63
28	Fabrication of Alumina fibers by sol-gel and electrospinning of aluminum nitrate precursor solutions. <i>Results in Physics</i> , 2019 , 12, 193-204	3.7	26

27	Novel biosynthesis of Ag-hydroxyapatite: Structural and spectroscopic characterization. <i>Results in Physics</i> , 2018 , 9, 593-597	3.7	13
26	Synthesis of γ -Alumina Nano-Onions by Thermal Decomposition of Aluminum Formate. <i>Journal of Nanomaterials</i> , 2018 , 2018, 1-7	3.2	6
25	Preparation of Silver-Doped Alumina Spherical Beads with Antimicrobial Properties. <i>Journal of Nanomaterials</i> , 2018 , 2018, 1-13	3.2	5
24	REVIEW OF THE SYNTHESIS, CHARACTERIZATION AND APPLICATION OF ZIRCONIA MIXED METAL OXIDE NANOPARTICLES. <i>International Journal of Research -GRANTHAALAYAH</i> , 2018 , 6, 136-145	0.2	3
23	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> , 2018 , 63, 298	0.7	
22	Biosynthesis of Ag nanoparticles using <i>Cynara cardunculus</i> leaf extract: Evaluation of their antibacterial and electrochemical activity. <i>Results in Physics</i> , 2018 , 11, 1142-1149	3.7	34
21	Synthesis of γ -Al ₂ O ₃ from aluminum cans by wet-chemical methods. <i>Results in Physics</i> , 2018 , 11, 1075-1079	3.7	14
20	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> , 2018 , 2018, 1-11	3.2	14
19	Magnetic structures synthesized by controlled oxidative etching: Structural characterization and magnetic behavior. <i>Results in Physics</i> , 2017 , 7, 1828-1832	3.7	13
18	Green synthesis of silver nanoparticles using a <i>Melissa officinalis</i> leaf extract with antibacterial properties. <i>Results in Physics</i> , 2017 , 7, 2639-2643	3.7	65
17	Surface enhanced Raman spectroscopy in nanofibers mats of SiO ₂ -TiO ₂ -Ag. <i>Results in Physics</i> , 2017 , 7, 2520-2527	3.7	16
16	Dose-Dependent Antimicrobial Activity of Silver Nanoparticles on Polycaprolactone Fibers against Gram-Positive and Gram-Negative Bacteria. <i>Journal of Nanomaterials</i> , 2017 , 2017, 1-9	3.2	73
15	FIBROUS SILICA-HYDROXYAPATITE COMPOSITE BY ELECTROSPINNING. <i>International Journal of Research -GRANTHAALAYAH</i> , 2017 , 5, 39-47	0.2	12
14	Preparation of PCL/Clay and PVA/Clay Electrospun Fibers for Cadmium (Cd ²⁺), Chromium (Cr ³⁺), Copper (Cu ²⁺) and Lead (Pb ²⁺) Removal from Water. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	15
13	Thermal degradation of aluminum formate sol-gel; synthesis of γ -alumina and characterization by ¹ H, ¹³ C and ²⁷ Al MAS NMR and XRD spectroscopy. <i>Results in Physics</i> , 2016 , 6, 1096-1102	3.7	21
12	Antimicrobial Activity of Silver Nanoparticles in Polycaprolactone Nanofibers against Gram-Positive and Gram-Negative Bacteria. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 12532-12538	3.9	68
11	SOLID STATE SYNTHESIS OF La-DOPED NaTaO ₃ UNDER TIME-REDUCE CONDITIONS AND ITS PHOTOCATALYTIC PROPERTIES. <i>Ceramics - Silikaty</i> , 2016 , 278-284	0.6	1
10	Comparative Study of Ag Nanostructures: Molecular Simulations, Electrochemical Behavior, and Antibacterial Effect. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-9	3.2	6

9	Antimicrobial Properties of Biofunctionalized Silver Nanoparticles on Clinical Isolates of <i>Streptococcus mutans</i> and Its Serotypes. <i>Nanomaterials</i> , 2016 , 6,	5-4	18
8	Analysis for the Sorption Kinetics of Ag Nanoparticles on Natural Clinoptilolite. <i>Advances in Condensed Matter Physics</i> , 2015 , 2015, 1-7	1	4
7	Synthesis and Characterization of Bifunctional Fe ₂ O ₃ -Ag Nanoparticles. <i>Advances in Condensed Matter Physics</i> , 2015 , 2015, 1-6	1	3
6	Bovine Serum Albumin and Chitosan Coated Silver Nanoparticles and Its Antimicrobial Activity against Oral and Nonoral Bacteria. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-9	3-2	17
5	A Novel Route for the Preparation of Gold Nanoparticles in Polycaprolactone Nanofibers. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-7	3-2	13
4	The Ring-Opening Polymerization of ϵ -Caprolactone Catalyzed by Molybdenum Trioxide: A Kinetic Approach Study Using NMR and DSC Data. <i>Macromolecular Symposia</i> , 2013 , 325-326, 21-37	0.8	10
3	Polycaprolactone/Alumina and Hydroxyapatite-based Micro- and Nano- Structured Hybrid Fibers. <i>Materials Research Society Symposia Proceedings</i> , 2013 , 1569, 185-191		1
2	Tetracycline adsorption on steam alternative activated carbon: kinetic and thermodynamic parameters114, 307-319		5
1	Environmental application of quartz-based construction waste: tartrazine removal from aqueous media. <i>International Journal of Environmental Science and Technology</i> ,1	3-3	