

Ewa Stodolak-Zych

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6671296/ewa-stodolak-zych-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

59
papers

864
citations

13
h-index

28
g-index

60
ext. papers

983
ext. citations

3.1
avg, IF

4.36
L-index

#	Paper	IF	Citations
59	FT-IR study of montmorillonite-chitosan nanocomposite materials. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 79, 784-8	4.4	188
58	Biodegradable ceramic-polymer composites for biomedical applications: A review. <i>Materials Science and Engineering C</i> , 2017 , 71, 1175-1191	8.3	116
57	Synthesis of polylactide/clay composites using structurally different kaolinites and kaolinite nanotubes. <i>Applied Clay Science</i> , 2011 , 51, 102-109	5.2	88
56	Surface-Potential-Controlled Cell Proliferation and Collagen Mineralization on Electrospun Polyvinylidene Fluoride (PVDF) Fiber Scaffolds for Bone Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 582-593	5.5	54
55	Effect of the preparation methods on architecture, crystallinity, hydrolytic degradation, bioactivity, and biocompatibility of PCL/bioglass composite scaffolds. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015 , 103, 1580-93	3.5	38
54	Characterisation, in vitro release study, and antibacterial activity of montmorillonite-gentamicin complex material. <i>Materials Science and Engineering C</i> , 2017 , 70, 471-478	8.3	32
53	Effect of clay mineral on the accelerated hydrolytic degradation of polylactide in the polymer/clay nanocomposites. <i>Materials Letters</i> , 2015 , 146, 73-76	3.3	26
52	Instrumental characterization of the smectite clay/gentamicin hybrids. <i>Bulletin of Materials Science</i> , 2015 , 38, 1069-1078	1.7	21
51	Nanocomposite fibres for medical applications. <i>Journal of Molecular Structure</i> , 2009 , 924-926, 208-213	3.4	19
50	Thermal, structural and mechanical analysis of polymer/clay nanocomposites with controlled degradation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 127, 389-398	4.1	14
49	A model of adsorption of albumin on the implant surface titanium and titanium modified carbon coatings (MWCNT-EPD). 2D correlation analysis. <i>Journal of Molecular Structure</i> , 2016 , 1124, 61-70	3.4	13
48	Fibrous polymeric composites based on alginate fibres and fibres made of poly-ε-caprolactone and dibutyl chitin for use in regenerative medicine. <i>Molecules</i> , 2013 , 18, 3118-36	4.8	13
47	Nanocomposite Polymer Scaffolds for Bone Tissue Regeneration. <i>Acta Physica Polonica A</i> , 2012 , 121, 518-521	0.6	13
46	Spectroscopic studies of the influence of CNTs on the thermal conversion of PAN fibrous membranes to carbon nanofibers. <i>Journal of Molecular Structure</i> , 2016 , 1126, 94-102	3.4	12
45	Functionalized halloysite nanotubes as a novel efficient carrier for gentamicin. <i>Materials Letters</i> , 2019 , 243, 13-16	3.3	11
44	In vivo biocompatibility assessment of (PTFE-PVDF-PP) terpolymer-based membrane with potential application for glaucoma treatment. <i>Journal of Materials Science: Materials in Medicine</i> , 2010 , 21, 2843-51	4.5	11
43	A composite material used as a membrane for ophthalmology applications. <i>Composites Science and Technology</i> , 2010 , 70, 1915-1919	8.6	11

42	One-Pot Synthesis of 3,4-Dihydro-2H-pyrido[1,2-a][1,3,5]triazin-2-one Derivatives from N-(2-Pyridinyl)benzoylacetamide and Nitrosobenzenes. <i>Synthesis</i> , 2004 , 2004, 2975-2979	2.9	11
41	Modification of chitosan fibers with short peptides as a model of synthetic extracellular matrix. <i>Journal of Molecular Structure</i> , 2020 , 1211, 128061	3.4	10
40	Raman studies of the interactions of fibrous carbon nanomaterials with albumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 196, 262-267	4.4	10
39	Effects of Polylactide Copolymer Implants and Platelet-Rich Plasma on Bone Regeneration within a Large Calvarial Defect in Sheep. <i>BioMed Research International</i> , 2018 , 2018, 4120471	3	10
38	Vibrational spectroscopic analysis of a metal/carbon nanotube coating interface and the effect of its interaction with albumin. <i>Vibrational Spectroscopy</i> , 2016 , 85, 185-195	2.1	9
37	Bioresorbable Stent in Anterior Cruciate Ligament Reconstruction. <i>Polymers</i> , 2019 , 11,	4.5	9
36	Magnesium aluminium silicate/gentamicin complex for drug delivery systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 127, 871-880	4.1	8
35	Osteoconductive Nanocomposite Materials for Bone Regeneration. <i>Materials Science Forum</i> , 2012 , 730-732, 38-43	0.4	8
34	Bioactivity of a Chitosan Based Nanocomposite. <i>Journal of Biomimetics, Biomaterials, and Tissue Engineering</i> , 2011 , 10, 95-106		8
33	2D IR correlation analysis of chitosan-MMT nanocomposite system. <i>Vibrational Spectroscopy</i> , 2012 , 60, 185-188	2.1	7
32	Osteochondral Repair Using Porous Three-dimensional Nanocomposite Scaffolds in a Rabbit Model. <i>In Vivo</i> , 2017 , 31, 895-903	2.3	7
31	Conjugates of Copper Alginate with Arginine-Glycine-Aspartic Acid (RGD) for Potential Use in Regenerative Medicine. <i>Materials</i> , 2020 , 13,	3.5	7
30	Effects of Process Parameters on Structure and Properties of Melt-Blown Poly(Lactic Acid) Nonwovens for Skin Regeneration. <i>Journal of Functional Biomaterials</i> , 2021 , 12,	4.8	7
29	Search for Fibrous Aggregates Potentially Useful in Regenerative Medicine Formed under Physiological Conditions by Self-Assembling Short Peptides Containing Two Identical Aromatic Amino Acid Residues. <i>Molecules</i> , 2018 , 23,	4.8	6
28	Study on the Materials Formed by Self-Assembling Hydrophobic, Aromatic Peptides Dedicated to Be Used for Regenerative Medicine. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1800543	2.5	5
27	Bioactivity of Fibrous Polymer Based Nanocomposites for Application in Regenerative Medicine. <i>Materials Science Forum</i> , 2012 , 714, 229-236	0.4	5
26	The Study of Human Osteoblast-Like MG 63 Cells Proliferation on Resorbable Polymer-Based Nanocomposites Modified with Ceramic and Carbon Nanoparticles. <i>Acta Physica Polonica A</i> , 2012 , 121, 546-550	0.6	5
25	The crystallization and structure features of glass within the K ₂ O/MgO-Ta ₂ O ₅ /Al ₂ O ₃ /SiO ₂ -(BaO) system. <i>Journal of Molecular Structure</i> , 2020 , 1220, 128747	3.4	4

24	2D correlation Raman spectroscopy of model micro- and nano-carbon layers in interactions with albumin, human and animal. <i>Journal of Molecular Structure</i> , 2018 , 1171, 587-593	3-4	4
23	Resorbable Polymer Membranes for Medical Applications. <i>Journal of Biomimetics, Biomaterials, and Tissue Engineering</i> , 2014 , 19, 99-108		4
22	Polymer Nanocomposite Scaffolds Modified with Carbon Nanotubes for Tissue Regeneration. <i>Materials Science Forum</i> , 2012 , 714, 245-253	0-4	4
21	The membrane with polylactide and hyaluronic fibers for skin substitute. <i>Acta of Bioengineering and Biomechanics</i> , 2018 , 20, 91-99	0-6	4
20	Influence of SrO content on microstructure and crystallization of glazes in the SiO ₂ -Al ₂ O ₃ -CaO-MgO-K ₂ O system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 138, 4177-4186	4-1	3
19	Histopathological Evaluation of a Hydrophobic Terpolymer (PTFE-PVD-PP) as an Implant Material for Nonpenetrating Very Deep Sclerectomy 2015 , 56, 5203-9		3
18	Porous poly(lactic acid) based fibres as drug carriers in active dressings. <i>Acta of Bioengineering and Biomechanics</i> , 2020 , 22,	0-6	3
17	Multifunctional porous membranes with antibacterial properties. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019 , 68, 19-26	3	3
16	How Surface Properties of Silica Nanoparticles Influence Structural, Microstructural and Biological Properties of Polymer Nanocomposites. <i>Materials</i> , 2021 , 14,	3-5	3
15	Multifunctional biodegradable polymer/clay nanocomposites with antibacterial properties in drug delivery systems. <i>Acta of Bioengineering and Biomechanics</i> , 2020 , 22, 83-92	0-6	3
14	In vitro biofilms formation on polymer matrix composites. <i>Journal of Molecular Structure</i> , 2009 , 924-926, 562-566	3-4	2
13	Polymer-ceramic nanocomposites for applications in the bone surgery. <i>Journal of Physics: Conference Series</i> , 2009 , 146, 012026	0-3	2
12	Assessment of sheep knee joint after ACL replacement with Achilles tendon autograft and PLA-based implant. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022 , 125, 104923	4-1	2
11	Porous poly(lactic acid) based fibres as drug carriers in active dressings. <i>Acta of Bioengineering and Biomechanics</i> , 2020 , 22, 185-197	0-6	2
10	Structural Characterization of Chitosan-Clay Nanocomposite 2010 ,		1
9	Effects of Montmorillonite and Gentamicin Addition on the Properties of Electrospun Polycaprolactone Fibers. <i>Materials</i> , 2021 , 14,	3-5	1
8	Microstructure and mechanical properties of diopside and anorthite glazes with high abrasion resistance. <i>Ceramics International</i> , 2021 ,	5-1	1
7	Non-penetrating very deep sclerectomy with a hydrophobic polymer implant in a rabbit model. <i>Acta of Bioengineering and Biomechanics</i> , 2015 , 17, 23-31	0-6	1

6	Effect of Ionic and Non-Ionic Surfactant on Bovine Serum Albumin Encapsulation and Biological Properties of Emulsion-Electrospun Fibers. <i>Molecules</i> , 2022 , 27, 3232	4.8	1
5	The influence of surface chemical composition of particles of boron carbide powders on their biological properties. <i>Applied Surface Science</i> , 2022 , 152380	6.7	0
4	Potential of Superhydrophobic Layer on the Implant Surface. <i>Solid State Phenomena</i> , 2015 , 227, 511-514	0.4	
3	A New Concept in Minimally Invasive Embryo Transfer. <i>Annals of Animal Science</i> , 2020 , 20, 1289-1308	2	
2	2D-Raman Correlation Spectroscopy Recognizes the Interaction at the Carbon Coating and Albumin Interface. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 281-295	0.4	
1	Impact of a pulsed magnetic field on selected polymer implant materials. <i>Acta of Bioengineering and Biomechanics</i> , 2019 , 21, 87-96	0.6	