Elzbieta Menaszek

List of Publications by Year
in descending order

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49 papers	1,454 citations	257101 24 h-index	329751 37 g-index
49 all docs	49 docs citations	49 times ranked	2674 citing authors

#	Article	IF	Citations
1	Electrospun gelatin/poly(Îµ-caprolactone) fibrous scaffold modified with calcium phosphate for bone tissue engineering. Materials Science and Engineering C, 2014, 44, 183-190.	3.8	127
2	Comparative in vivo biocompatibility study of single- and multi-wall carbon nanotubes. Acta Biomaterialia, 2008, 4, 1593-1602.	4.1	118
3	InÂvitro and inÂvivo degradation of poly(l-lactide-co-glycolide) films and scaffolds. Journal of Materials Science: Materials in Medicine, 2008, 19, 2063-2070.	1.7	84
4	Layered gelatin/PLLA scaffolds fabricated by electrospinning and 3D printing- for nasal cartilages and subchondral bone reconstruction. Materials and Design, 2018, 155, 297-306.	3.3	74
5	Bioactive nanocomposite PLDL/nano-hydroxyapatite electrospun membranes for bone tissue engineering. Journal of Materials Science: Materials in Medicine, 2014, 25, 1239-1247.	1.7	61
6	In vitro studies of nanosilver-doped titanium implants for oral and maxillofacial surgery. International Journal of Nanomedicine, 2017, Volume 12, 4285-4297.	3.3	57
7	In vitro and in vivo studies on biocompatibility of carbon fibres. Journal of Materials Science: Materials in Medicine, 2010, 21, 2611-2622.	1.7	56
8	Effect of MWCNT surface and chemical modification on in vitro cellular response. Journal of Nanoparticle Research, 2012, 14, 1181.	0.8	56
9	Iron-Based Metal-Organic Frameworks as a Theranostic Carrier for Local Tuberculosis Therapy. Pharmaceutical Research, 2018, 35, 144.	1.7	51
10	New generation poly(Îµ-caprolactone)/gel-derived bioactive glass composites for bone tissue engineering: Part I. Material properties. Materials Science and Engineering C, 2015, 56, 9-21.	3.8	47
11	Effect of the preparation methods on architecture, crystallinity, hydrolytic degradation, bioactivity, and biocompatibility of PCL/bioglass composite scaffolds. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2015, 103, 1580-1593.	1.6	45
12	Gel-derived SiO2â€“CaOâ€“P2O5 bioactive glasses and glass-ceramics modified by SrO addition. Ceramics International, 2016, 42, 5842-5857.	2.3	42
13	An Inhalable Theranostic System for Local Tuberculosis Treatment Containing an Isoniazid Loaded Metal Organic Framework Fe-MIL-101-NH2â€”From Raw MOF to Drug Delivery System. Pharmaceutics, 2019, 11, 687.	2.0	42
14	Conductive PANI patterns on electrospun PCL/gelatin scaffolds modified with bioactive particles for bone tissue engineering. Materials Letters, 2015, 138, 60-63.	1.3	40
15	Biocompatible Nanocomposite Implant with Silver Nanoparticles for Otologyâ€”In Vivo Evaluation. Nanomaterials, 2018, 8, 764.	1.9	34
16	Fe-MIL-100 as drug delivery system for asthma and chronic obstructive pulmonary disease treatment and diagnosis. Microporous and Mesoporous Materials, 2019, 280, 264-270.	2.2	33
17	Electrospun polymer scaffolds modified with drugs for tissue engineering. Materials Science and Engineering C, 2017, 77, 493-499.	3.8	32
18	A new insight into in vitro behaviour of poly(Îµ-caprolactone)/bioactive glass composites in biologically related fluids. Journal of Materials Science, 2018, 53, 3939-3958.	1.7	30

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19	Electrospun polycaprolactone membranes with Zn-doped bioglass for nasal tissues treatment. Journal of Materials Science: Materials in Medicine, 2019, 30, 80.	1.7	30
20	PCL and PCL/bioactive glass biomaterials as carriers for biologically active polyphenolic compounds: Comprehensive physicochemical and biological evaluation. Bioactive Materials, 2021, 6, 1811-1826.	8.6	30
21	Some Observations on Carbon Nanotubes Susceptibility to Cell Phagocytosis. Journal of Nanomaterials, 2011, 2011, 1-8.	1.5	29
22	PLA-Based Hybrid and Composite Electrospun Fibrous Scaffolds as Potential Materials for Tissue Engineering. Journal of Nanomaterials, 2017, 2017, 1-11.	1.5	27
23	Multifunctional polymer coatings for titanium implants. Materials Science and Engineering C, 2018, 93, 950-957.	3.8	27
24	Biological effect of hydrothermally synthesized silica nanoparticles within crystalline hydroxyapatite coatings for titanium implants. Materials Science and Engineering C, 2018, 92, 88-95.	3.8	26
25	Polylactide/polycaprolactone asymmetric membranes for guided bone regeneration. E-Polymers, 2016, 16, 351-358.	1.3	22
26	Middle Ear Prosthesis with Bactericidal Efficacyâ€"In Vitro Investigation. Molecules, 2017, 22, 1681.	1.7	21
27	Biocompatibility of Poly(acrylonitrile-butadiene-styrene) Nanocomposites Modified with Silver Nanoparticles. Polymers, 2018, 10, 1257.	2.0	21
28	A simple way of modulating in vitro angiogenic response using Cu and Co-doped bioactive glasses. Materials Letters, 2018, 215, 87-90.	1.3	19
29	Scaffolds modified with graphene as future implants for nasal cartilage. Journal of Materials Science, 2020, 55, 4030-4042.	1.7	19
30	Fibrous Polymeric Composites Based on Alginate Fibres and Fibres Made of Poly-Îµ-caprolactone and Dibutyryl Chitin for Use in Regenerative Medicine. Molecules, 2013, 18, 3118-3136.	1.7	18
31	Characterization and antidiabetic activity of salicylhydrazone Schiff base vanadium(IV) and (V) complexes. Transition Metal Chemistry, 2021, 46, 201-217.	0.7	18
32	Poly(Îµ-caprolactone)/bioactive glass composites enriched with polyphenols extracted from sage (Salvia officinalis L.). Materials Letters, 2016, 183, 386-390.	1.3	17
33	Influence of different types of carbon nanotubes on muscle cell response. Materials Science and Engineering C, 2015, 46, 218-225.	3.8	16
34	Conductive all-carbon nanotube layers: Results on attractive physicochemical, anti-bacterial, anticancer and biocompatibility properties. Materials Science and Engineering C, 2021, 120, 111703.	3.8	12
35	Poly(Îµ-caprolactone)-based membranes with tunable physicochemical, bioactive and osteoinductive properties. Journal of Materials Science, 2017, 52, 12960-12980.	1.7	10
36	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. Molecules, 2018, 23, 568.	1.7	9

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37	On the influence of various physicochemical properties of the CNTs based implantable devices on the fibroblastsâ€™ reaction in vitro. Journal of Materials Science: Materials in Medicine, 2015, 26, 262.	1.7	8
38	Surface-Modified Poly(l-lactide-co-glycolide) Scaffolds for the Treatment of Osteochondral Critical Size Defectsâ€”In Vivo Studies on Rabbits. International Journal of Molecular Sciences, 2020, 21, 7541.	1.8	8
39	Conductive Polyaniline Patterns on Electrospun Polycaprolactone/Hydroxyapatite Scaffolds for Bone Tissue Engineering. Materials, 2021, 14, 4837.	1.3	8
40	Study on the Materials Formed by Selfâ€Assembling Hydrophobic, Aromatic Peptides Dedicated to Be Used for Regenerative Medicine. Chemistry and Biodiversity, 2019, 16, e1800543.	1.0	5
41	The Effect of Malnutrition on Transplantation Immunity and Lymphoid Organs in the Edible FrogRana esculenta. Journal of Nutritional Immunology, 1994, 2, 43-55.	0.1	5
42	Reconstruction of Ovine Trachea with a Biomimetic Composite Biomaterial. BioMed Research International, 2018, 2018, 1-9.	0.9	4
43	Polysulphone composite membranes modified with two types of carbon additives as a potential material for bone tissue regeneration. Bulletin of Materials Science, 2017, 40, 201-212.	0.8	3
44	Carbon Nanofibers Coated with Silicon/Calcium-Based Compounds for Medical Application. Journal of Nanomaterials, 2019, 2019, 1-11.	1.5	3
45	Cell-based Screening For Identification Of The Novel Vanadium Complexes With Multidirectional Activity Relative To The Cells And The Mechanisms Associated With Metabolic Disorders. Science Technology and Innovation, 2019, 4, 47-54.	0.0	3
46	Biodegradable intramedullary nails reinforced with carbon and alginate fibers: In vitro and in vivo biocompatibility. Journal of Applied Biomaterials and Functional Materials, 2018, 16, 36-41.	0.7	2
47	Anti-Cancer and Electrochemical Properties of Thiogenisteinâ€”New Biologically Active Compound. International Journal of Molecular Sciences, 2021, 22, 8783.	1.8	2
48	Thiogenisteinâ€”Antioxidant Chemistry, Antitumor Activity, and Structure Elucidation of New Oxidation Products. International Journal of Molecular Sciences, 2022, 23, 7816.	1.8	2
49	Potentiation of adipogenesis and insulinomimetic effects of novel vanadium complex (N'-[(E)-(5-bromo-2-oxophenyl)methylidene]-4-methoxybenzohydrazide)oxido(1,10-phenanthroline)vanadium(IV) in 3T3-L1 cells. Science Technology and Innovation, 2019, 4, 55-62.	0.0	1