Olya Stoilova

List of Publications by Year in Descending Order

30 papers	763 citations	19 h-index	27 g-index
31 ext. papers	852 ext. citations	4.5 avg, IF	3.56 L-index

#	Paper	IF	Citations
30	Enhanced luminescence in electrospun polymer hybrids containing Mn-doped ZnSe/ZnS nanocrystals. *Optical Materials*, **2021**, 113, 110858	3.3	0
29	Effect of coating on the mechanical properties of electrospun poly(3-hydroxybutyrate) materials with targeted fibers alignment. *Journal of Polymer Research*, **2021**, 28, 1	2.7	2
28	Modulating the Mechanical Properties of Electrospun PHB/PCL Materials by Using Different Types of Collectors and Heat Sealing. *Polymers*, **2020**, 12,	4.5	8
27	Electrospun Eco-Friendly Materials Based on Poly(3-hydroxybutyrate) (PHB) and TiO with Antifungal Activity Prospective for Esca Treatment. *Polymers*, **2020**, 12,	4.5	5
26	Electrospun PLLA/PEG scaffolds. *Materials Today*, **2019**, 28, 114-115	21.8	3
25	Polymer fibers with magnetic core decorated with titanium dioxide prospective for photocatalytic water treatment. *Journal of Environmental Chemical Engineering*, **2018**, 6, 2075-2084	6.8	23
24	Electrospun CuS/ZnS□AN Hybrids as Efficient Visible-Light Photocatalysts. *Catalysis Letters*, **2018**, 148, 2756-2764	2.8	2
23	From design of bio-based biocomposite electrospun scaffolds to osteogenic differentiation of human mesenchymal stromal cells. *Journal of Materials Science: Materials in Medicine*, **2014**, 25, 1563-75	4.5	41
22	Biocomposite scaffolds based on electrospun poly(3-hydroxybutyrate) nanofibers and electrosprayed hydroxyapatite nanoparticles for bone tissue engineering applications. *Materials Science and Engineering C*, **2014**, 38, 161-9	8.3	95
21	Poly(3-hydroxybutyrate)-based hybrid materials with photocatalytic and magnetic properties prepared by electrospinning and electrospraying. *Journal of Materials Science*, **2014**, 49, 2144-2153	4.3	22
20	Multifunctional hybrid materials from poly(3-hydroxybutyrate), TiO2 nanoparticles, and chitosan oligomers by combining electrospinning/electrospraying and impregnation. *Macromolecular Bioscience*, **2013**, 13, 707-16	5.5	39
19	FT-IR microscopy characterization of sol□gel layers prior and after glucose oxidase immobilization for biosensing applications. *Journal of Sol-Gel Science and Technology*, **2011**, 57, 204-211	2.3	35
18	Electrospun Polyacrylonitrile Nanofibrous Membranes Tailored for Acetylcholinesterase Immobilization. *Journal of Bioactive and Compatible Polymers*, **2010**, 25, 40-57	2	19
17	Electrospun mats from styrene/maleic anhydride copolymers: modification with amines and assessment of antimicrobial activity. *Macromolecular Bioscience*, **2010**, 10, 944-54	5.5	27
16	Functionalized electrospun mats from styrene□haleic anhydride copolymers for immobilization of acetylcholinesterase. *European Polymer Journal*, **2010**, 46, 1966-1974	5.2	32
15	Fiber-optic glucose biosensor based on glucose oxidase immobilised in a silica gel matrix. *Journal of Sol-Gel Science and Technology*, **2009**, 50, 437-448	2.3	41
14	Electrospun microfibrous poly(styrene-alt-maleic anhydride)/poly(styrene-co-maleic anhydride) mats tailored for enzymatic remediation of waters polluted by endocrine disruptors. *European Polymer Journal*, **2009**, 45, 2494-2504	5.2	31

13	Immobilization of acetylcholinesterase on new modified acrylonitrile copolymer membranes. *Journal of Molecular Catalysis B: Enzymatic*, **2008**, 55, 169-176		20
12	Synthesis of polymer-stabilized magnetic nanoparticles and fabrication of nanocomposite fibers thereof using electrospinning. *European Polymer Journal*, **2008**, 44, 615-627	5.2	39
11	Preparation of PLLA/PEG Nanofibers by Electrospinning and Potential Applications. *Journal of Bioactive and Compatible Polymers*, **2007**, 22, 62-76	2	79
10	C60-containing nanostructured polymeric materials with potential biomedical applications. *Polymer* , **2007**, 48, 1835-1843	3.9	32
9	Poly(acrylonitrile)chitosan composite membranes for urease immobilization. *Journal of Biotechnology*, **2007**, 129, 674-80	3.7	34
8	Preparation of Well-Defined PVOH/C60 Nanohybrids by Cobalt-Mediated Radical Polymerization of Vinyl Acetate. *Macromolecular Rapid Communications*, **2006**, 27, 498-504	4.8	31
7	New Nanostructured Materials Based on Fullerene and Biodegradable Polyesters. *Chemistry of Materials*, **2006**, 18, 4917-4923	9.6	34
6	Magnetic hydrogel beads based on chitosan. *E-Polymers*, **2004**, 4,	2.7	3
5	Copolymers of 2-acryloylamido-2-methylpropanesulfonic acid and acrylic acid with anticoagulant activity. *E-Polymers*, **2003**, 3,	2.7	6
4	Degradation of chitosan in the presence of poly(vinyl alcohol) and poly(acrylic acid) by a crude enzyme complex from Trichoderma viride. *E-Polymers*, **2003**, 3,	2.7	1
3	Hydrolysis of Chitosan, Chitosan-Polyoxyethylene and Chitosan-Poly(2-acryloylamido-2-methylpropanesulfonic acid) by a Crude Enzyme Complex from Trichoderma viride. *Journal of Bioactive and Compatible Polymers*, **2001**, 16, 379-392	2	10
2	Chitosan Beads as Carriers of 8-Hydroxy-7-Iodoquinoline-5- Sulfonic Acid-Loading, Coating by Interpolymer Complex Formation and Drug Release. *Journal of Bioactive and Compatible Polymers*, **2001**, 16, 3-19	2	7
1	Polyelectrolyte complex between chitosan and poly(2-acryloylamido-2-methylpropanesulfonic acid). *Polymer Bulletin*, **1999**, 43, 67-73	2.4	41