

Tarik Eren

List of Publications by Year in descending order

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44
papers

1,176
citations

567281

15
h-index

377865

34
g-index

45
all docs

45
docs citations

45
times ranked

1493
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyurethane-based polymer electrolyte for lithium ion batteries: a review. <i>Polymer International</i> , 2022, 71, 751-769.	3.1	11
2	Metal adsorption properties of multi-functional PAMAM dendrimer based gels. <i>Journal of Polymer Science</i> , 2021, 59, 1540-1555.	3.8	4
3	Developing phosphonic acid bearing polyelectrolytes for their biocidal activity on surfaces, thermal properties, nanofiber and nano particle formation. <i>Materials Today Communications</i> , 2021, 27, 102422.	1.9	0
4	Photodynamic therapy activities of phthalocyanine-based macromolecular photosensitizers on MCF-7 breast cancer cells. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 748-757.	2.2	4
5	Production of Au/phosphonium polymer nanoparticles. <i>European Polymer Journal</i> , 2021, 156, 110599.	5.4	3
6	Detection of bacteria using antimicrobial polymer derived via ring-opening metathesis (romp) pathway. <i>Turkish Journal of Chemistry</i> , 2021, 45, 986-1003.	1.2	1
7	Preparation of bactericidal PDMS surfaces by benzophenone photo-initiated grafting of polynorbornenes functionalized with quaternary phosphonium or pyridinium groups. <i>European Polymer Journal</i> , 2021, 157, 110669.	5.4	1
8	Synthesis and Characterization of Polyphosphonates and Polyurethanes Using Chalcone and DOPO-Chalcone as a Flame Retardant. <i>ACS Applied Polymer Materials</i> , 2021, 3, 5277-5290.	4.4	8
9	Design of Aromatic Ring-Based Polyphosphonium Salts Synthesized via ROMP and the Investigation into Their Antibacterial and Hemolytic Activities. <i>ACS Applied Polymer Materials</i> , 2021, 3, 6524-6538.	4.4	3
10	Antibacterial and hemolytic activity of cationic polymer-vancomycin conjugates. <i>European Polymer Journal</i> , 2020, 141, 110084.	5.4	8
11	Enhanced Light-Driven Antimicrobial Activity of Cationic Poly(oxanorbornene)s by Phthalocyanine Incorporation into Polymer as Pendants. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000386.	2.2	7
12	Biocidal activity of curcumin and cationic polymer possessing composites. <i>Journal of Bioactive and Compatible Polymers</i> , 2020, 35, 389-398.	2.1	0
13	Biocidal Activity of Bone Cements Containing Curcumin and Pegylated Quaternary Polyethylenimine. <i>Journal of Polymers and the Environment</i> , 2020, 28, 2469-2480.	5.0	10
14	Amphiphilic water soluble cationic ring opening metathesis copolymer as an antibacterial agent. <i>Journal of Polymer Science</i> , 2020, 58, 872-884.	3.8	8
15	The synthesis of cyclic hydroxy-phosphonate bearing polybutene using ROMP. <i>European Polymer Journal</i> , 2019, 121, 109318.	5.4	1
16	Biocidal activity of ROMP- polymer coatings containing quaternary phosphonium groups. <i>Progress in Organic Coatings</i> , 2019, 135, 299-305.	3.9	11
17	Synthesis of phosphorus-containing flame retardants and investigation of their flame retardant behavior in textile applications. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47935.	2.6	24
18	Synthesis and Characterization of Phosphorus- and Carborane-Containing Polyoxanorbornene Block Copolymers. <i>Polymers</i> , 2019, 11, 613.	4.5	8

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19	Synthesis of 1,4-diazabicyclo[2.2.2]octane and pyridinium based cationic polymers via ROMP technique and examination of their antibacterial activity and cytotoxicity. <i>Materialia</i> , 2019, 5, 100246.	2.7	6
20	Formation of composite structure based on boron and indium components under concentrated light in flow of nitrogen. <i>Advances in Applied Ceramics</i> , 2019, 118, 183-188.	1.1	0
21	Synthesis and characterization of a ROMP-based polycationic antimicrobial hydrogel. <i>European Polymer Journal</i> , 2019, 112, 365-375.	5.4	9
22	Synthesis and characterization of phosphonate and aromatic ϵ -based polynorbornene polymers derived from the ring opening metathesis polymerization method and investigation of their thermal properties. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47085.	2.6	9
23	Effect of concentrated light on morphology and vibrational properties of boron and tantalum mixtures. <i>Heliyon</i> , 2018, 4, e00585.	3.2	4
24	Synthesis of phosphorus ϵ -and phenyl ϵ -based ROMP polymers and investigation of their effects on the thermomechanical and flammability properties of a polypropylene ϵ -IFR system. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45998.	2.6	12
25	ϵ -ROMP ϵ -based boron nitride composites. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45658.	2.6	7
26	Biophysical characterization of quaternary pyridinium functionalized polynorbornenes for DNA complexation and their cellular interactions. <i>Biopolymers</i> , 2017, 107, e23005.	2.4	6
27	Antimicrobial activities of phosphonium containing polynorbornenes. <i>RSC Advances</i> , 2016, 6, 86151-86157.	3.6	35
28	Dual antimicrobial effects induced by hydrogel incorporated with UV-curable quaternary ammonium polyethyleneimine and AgNO ₃ . <i>Materials Science and Engineering C</i> , 2016, 68, 494-504.	7.3	13
29	Influence of alkyl chain length on the surface activity of antibacterial polymers derived from ROMP. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 127, 73-78.	5.0	28
30	Novel axially carborane-cage substituted silicon phthalocyanine photosensitizer; synthesis, characterization and photophysical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 244-249.	3.9	74
31	Comparison of Facially Amphiphilic versus Segregated Monomers in the Design of Antibacterial Copolymers. <i>Chemistry - A European Journal</i> , 2009, 15, 433-439.	3.3	110
32	Phosphonic acid ϵ -based amphiphilic diblock copolymers derived from ROMP. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3949-3956.	2.3	23
33	Antibacterial and Hemolytic Activities of Quaternary Pyridinium Functionalized Polynorbornenes. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 516-524.	2.2	134
34	Online Monitoring of Ring-Opening Metathesis Polymerization of Cyclooctadiene and a Functionalized Norbornene. <i>Macromolecules</i> , 2007, 40, 444-451.	4.8	17
35	Polymerization of methacryl and triethoxysilane functionalized stearate ester: Titanium dioxide composite films and their photocatalytic degradations. <i>Journal of Applied Polymer Science</i> , 2007, 105, 1426-1436.	2.6	7
36	Regio- and Stereoselective Diels ϵ -Alder Additions of Maleic Anhydride to Conjugated Triene Fatty Acid Methyl Esters. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3859-3862.	2.4	49

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37	Infectious disease: Connecting innate immunity to biocidal polymers. <i>Materials Science and Engineering Reports</i> , 2007, 57, 28-64.	31.8	243
38	Simultaneous interpenetrating polymer networks based on bromoacrylated castor oil polyurethane. <i>Journal of Applied Polymer Science</i> , 2006, 100, 2947-2955.	2.6	12
39	Synthesis and polymerization of the acrylamide derivatives of fatty compounds. <i>Journal of Applied Polymer Science</i> , 2005, 97, 2264-2272.	2.6	35
40	Synthesis and polymerization of the bromoacrylated plant oil triglycerides to rigid, flame-retardant polymers. <i>Journal of Applied Polymer Science</i> , 2004, 91, 2700-2710.	2.6	72
41	Hydroxymethylation and polymerization of plant oil triglycerides. <i>Journal of Applied Polymer Science</i> , 2004, 91, 4037-4046.	2.6	48
42	Synthesis and characterization of copolymers of bromoacrylated methyl oleate. <i>Journal of Applied Polymer Science</i> , 2004, 94, 2475-2488.	2.6	21
43	One step hydroxybromination of fatty acid derivatives. <i>European Journal of Lipid Science and Technology</i> , 2004, 106, 27-34.	1.5	11
44	Polymerization of maleic anhydride-modified plant oils with polyols. <i>Journal of Applied Polymer Science</i> , 2003, 90, 197-202.	2.6	76