

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	Infectious disease: Connecting innate immunity to biocidal polymers. <i>Materials Science and Engineering Reports</i> , 2007, 57, 28-64.	31.8	243
2	Antibacterial and Hemolytic Activities of Quaternary Pyridinium Functionalized Polynorbornenes. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 516-524.	2.2	134
3	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
4	Polymerization of maleic anhydride-modified plant oils with polyols. <i>Journal of Applied Polymer Science</i> , 2003, 90, 197-202.	2.6	76
5	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
6	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
7	Regio- and Stereoselective Diels-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
8	Hydroxymethylation and polymerization of plant oil triglycerides. <i>Journal of Applied Polymer Science</i> , 2004, 91, 4037-4046.	2.6	48
9	Synthesis and polymerization of the acrylamide derivatives of fatty compounds. <i>Journal of Applied Polymer Science</i> , 2005, 97, 2264-2272.	2.6	35
10	Antimicrobial activities of phosphonium containing polynorbornenes. <i>RSC Advances</i> , 2016, 6, 86151-86157.	3.6	35
11	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
12	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
13	Phosphonic acid-based amphiphilic diblock copolymers derived from ROMP. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3949-3956.	2.3	23
14	Synthesis and characterization of copolymers of bromoacrylated methyl oleate. <i>Journal of Applied Polymer Science</i> , 2004, 94, 2475-2488.	2.6	21
15	Online Monitoring of Ring-Opening Metathesis Polymerization of Cyclooctadiene and a Functionalized Norbornene. <i>Macromolecules</i> , 2007, 40, 444-451.	4.8	17
16	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
17	Simultaneous interpenetrating polymer networks based on bromoacrylated castor oil polyurethane. <i>Journal of Applied Polymer Science</i> , 2006, 100, 2947-2955.	2.6	12
18	Synthesis of phosphorus- and phenyl-based ROMP polymers and investigation of their effects on the thermomechanical and flammability properties of a polypropylene-IFR system. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45998.	2.6	12

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19	One step hydroxybromination of fatty acid derivatives. <i>European Journal of Lipid Science and Technology</i> , 2004, 106, 27-34.	1.5	11
20	Biocidal activity of ROMP- polymer coatings containing quaternary phosphonium groups. <i>Progress in Organic Coatings</i> , 2019, 135, 299-305.	3.9	11
21	Polyurethane-based polymer electrolyte for lithium ion batteries: a review. <i>Polymer International</i> , 2022, 71, 751-769.	3.1	11
22	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
23	Synthesis and characterization of a ROMP-based polycationic antimicrobial hydrogel. <i>European Polymer Journal</i> , 2019, 112, 365-375.	5.4	9
24	Synthesis and characterization of phosphonate and aromatic-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
25	Synthesis and Characterization of Phosphorus- and Carborane-Containing Polyoxanorbornene Block Copolymers. <i>Polymers</i> , 2019, 11, 613.	4.5	8
26	Antibacterial and hemolytic activity of cationic polymer-vancomycin conjugates. <i>European Polymer Journal</i> , 2020, 141, 110084.	5.4	8
27	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
28	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
29	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
30	ROMP-based boron nitride composites. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45658.	2.6	7
31	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
32	Biophysical characterization of quaternary pyridinium functionalized polynorbornenes for DNA complexation and their cellular interactions. <i>Biopolymers</i> , 2017, 107, e23005.	2.4	6
33	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
34	Effect of concentrated light on morphology and vibrational properties of boron and tantalum mixtures. <i>Heliyon</i> , 2018, 4, e00585.	3.2	4
35	Metal adsorption properties of multi-functional PAMAM dendrimer based gels. <i>Journal of Polymer Science</i> , 2021, 59, 1540-1555.	3.8	4
36	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

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37	Production of Au/phosphonium polymer nanoparticles. European Polymer Journal, 2021, 156, 110599.	5.4	3
38	Design of Aromatic Ring-Based Polyphosphonium Salts Synthesized via ROMP and the Investigation into Their Antibacterial and Hemolytic Activities. ACS Applied Polymer Materials, 2021, 3, 6524-6538.	4.4	3
39	The synthesis of cyclic hydroxy-phosphonate bearing polybutene using ROMP. European Polymer Journal, 2019, 121, 109318.	5.4	1
40	Detection of bacteria using antimicrobial polymer derived via ring-opening metathesis (romp) pathway. Turkish Journal of Chemistry, 2021, 45, 986-1003.	1.2	1
41	Preparation of bactericidal PDMS surfaces by benzophenone photo-initiated grafting of polynorbornenes functionalized with quaternary phosphonium or pyridinium groups. European Polymer Journal, 2021, 157, 110669.	5.4	1
42	Formation of composite structure based on boron and indium components under concentrated light in flow of nitrogen. Advances in Applied Ceramics, 2019, 118, 183-188.	1.1	0
43	Biocidal activity of curcumin and cationic polymer possessing composites. Journal of Bioactive and Compatible Polymers, 2020, 35, 389-398.	2.1	0
44	Developing phosphonic acid bearing polyelectrolytes for their biocidal activity on surfaces, thermal properties, nanofiber and nano particle formation. Materials Today Communications, 2021, 27, 102422.	1.9	0