

Memet Vezir Kahraman

List of Publications by Citations

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146
papers

2,200
citations

24
h-index

39
g-index

148
ext. papers

2,490
ext. citations

3.4
avg, IF

5.35
L-index

#	Paper	IF	Citations
146	N-vinylpyrrolidone/acrylic acid/2-acrylamido-2-methylpropane sulfonic acid based hydrogels: Synthesis, characterization and their application in the removal of heavy metals. <i>Reactive and Functional Polymers</i> , 2007 , 67, 451-460	4.6	131
145	α-Amylase immobilization on functionalized glass beads by covalent attachment. <i>Food Chemistry</i> , 2007 , 104, 1385-1392	8.5	112
144	Synthesis and characterization of UV-curable dual hybrid oligomers based on epoxy acrylate containing pendant alkoxy silane groups. <i>Progress in Organic Coatings</i> , 2006 , 57, 50-55	4.8	75
143	The novel use of organo alkoxy silane for the synthesis of organic/inorganic hybrid coatings. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 2143-2151	3.9	70
142	UV-curable nano-silver containing polyurethane based organic/inorganic hybrid coatings. <i>Progress in Organic Coatings</i> , 2013 , 76, 1243-1250	4.8	68
141	Preparation and thermal properties of polyacrylonitrile/hexagonal boron nitride composites. <i>Thermochimica Acta</i> , 2013 , 552, 1-4	2.9	55
140	Antimicrobial agent-free hybrid cationic starch/sodium alginate polyelectrolyte films for food packaging materials. <i>Carbohydrate Polymers</i> , 2017 , 170, 264-270	10.3	54
139	Covalent immobilization of α-amylase onto thermally crosslinked electrospun PVA/PAA nanofibrous hybrid membranes. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 349-355	2.9	53
138	Preparation and drug release properties of lignin/starch biodegradable films. <i>Starch/Staerke</i> , 2012 , 64, 399-407	2.3	44
137	Flame retardant thiol/ene photocured coatings. <i>Reactive and Functional Polymers</i> , 2011 , 71, 36-41	4.6	43
136	Immobilization of α-amylase onto cyclic carbonate bearing hybrid material. <i>Food Chemistry</i> , 2009 , 112, 992-997	8.5	43
135	Synthesis of fluorinated/methacrylated epoxy based oligomers and investigation of its performance in the UV curable hybrid coatings. <i>Progress in Organic Coatings</i> , 2009 , 66, 52-58	4.8	39
134	Preparation, characterization, and drug release properties of poly(2-hydroxyethyl methacrylate) hydrogels having β-cyclodextrin functionality. <i>Journal of Applied Polymer Science</i> , 2008 , 109, 1360-1368	2.9	38
133	Synthesis and characterization of polyimide/hexagonal boron nitride composite. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 706-712	2.9	36
132	Nonisocyanate based polyurethane/silica nanocomposites and their coating performance. <i>Journal of Sol-Gel Science and Technology</i> , 2008 , 47, 290-299	2.3	35
131	Preparation and evaluation of linseed oil based alkyd paints. <i>Progress in Organic Coatings</i> , 2014 , 77, 81-86	4.8	33
130	Preparation and characterization of thermally conductive thermoplastic polyurethane/h-BN nanocomposites. <i>Polymer Composites</i> , 2014 , 35, 530-538	3	30

129	Preparation and characterization of sol-gel hybrid coating films for covalent immobilization of lipase enzyme. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016 , 127, 18-25		29
128	Sulfathiazole-based novel UV-cured hydrogel sorbents for mercury removal from aqueous solutions. <i>Radiation Physics and Chemistry</i> , 2009 , 78, 92-97	2.5	29
127	UV-curable methacrylated/fumaric acid modified epoxy as a potential support for enzyme immobilization. <i>Reactive and Functional Polymers</i> , 2007 , 67, 97-103	4.6	27
126	Desizing of untreated cotton fabric with the conventional and ultrasonic bath procedures by immobilized and native α -amylase. <i>Starch/Staerke</i> , 2011 , 63, 154-159	2.3	25
125	Flame retardance of epoxy acrylate resin modified with phosphorus containing compounds. <i>Progress in Organic Coatings</i> , 2004 , 51, 213-219	4.8	25
124	Photopolymerized injectable RGD-modified fumarated poly(ethylene glycol) diglycidyl ether hydrogels for cell growth. <i>Macromolecular Bioscience</i> , 2008 , 8, 852-62	5.5	24
123	Soybean oil based resin: A new tool for improved immobilization of α -amylase. <i>Journal of Applied Polymer Science</i> , 2006 , 100, 4757-4761	2.9	24
122	Flexible S/DPAN/KB Nanofiber Composite as Binder-Free Cathodes for Li-S Batteries. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A5396-A5402	3.9	23
121	Removal of Pb ²⁺ and Cd ²⁺ ions from aqueous solutions using guanidine modified hydrogels. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 612-619	3.2	23
120	Highly porous starch/poly(ethylene-alt-maleic anhydride) composite nanofiber mesh. <i>Polymer Composites</i> , 2013 , 34, 1321-1324	3	22
119	Xylanase immobilization on functionalized polyaniline support by covalent attachment. <i>Starch/Staerke</i> , 2013 , 65, 146-150	2.3	22
118	Preparation and characterization of boron containing thiol-ene photocured hybrid coatings. <i>Progress in Organic Coatings</i> , 2012 , 75, 28-32	4.8	21
117	Preparation of photo curable highly hydrophobic coatings using a modified castor oil derivative as a sol-gel component. <i>Progress in Organic Coatings</i> , 2011 , 72, 394-401	4.8	21
116	Preparation and characterization of UV-curable, boron-containing, transparent hybrid coatings. <i>Journal of Applied Polymer Science</i> , 2011 , 120, 2112-2121	2.9	21
115	Development of photopolymerized fluorescence sensor for glucose analysis. <i>Sensors and Actuators B: Chemical</i> , 2013 , 181, 187-193	8.5	20
114	Preparation and characterization of photocured thiol-ene hydrogel: Adsorption of Au(III) ions from aqueous solutions. <i>Journal of Applied Polymer Science</i> , 2012 , 126, 322-332	2.9	20
113	Isosorbide Diallyl Based Antibacterial Thiol-ene Photocured Coatings Containing Polymerizable Fluorous Quaternary Phosphonium Salt. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 10605-10615	8.3	19
112	Improved Thermal Stability and Wettability Behavior of Thermoplastic Polyurethane / Barium Metaborate Composites. <i>Materials Research</i> , 2016 , 19, 434-439	1.5	19

111	Hybrid dual-curable cyanate ester/boron phosphate composites via sequential thiol-ene photopolymerization and thermal polymerization. <i>Progress in Organic Coatings</i> , 2014 , 77, 1053-1062	4.8	18
110	Surface and proton conductivity properties of electrospun poly(vinyl butyral)/polyaniline nanofibers. <i>Advances in Polymer Technology</i> , 2018 , 37, 1774-1781	1.9	17
109	Alpha-amylase immobilization on epoxy containing thiol-ene photocurable materials. <i>Journal of Microbiology and Biotechnology</i> , 2013 , 23, 205-10	3.3	17
108	Photo-crosslinked thiol-ene based hybrid polymeric sensor for humidity detection. <i>Reactive and Functional Polymers</i> , 2017 , 114, 75-85	4.6	16
107	Selective molecularly imprinted polymer for the analysis of chlorpyrifos in water samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2020 , 87, 145-151	6.3	16
106	Preparation, characterization and electrical properties of polyacrylonitrile/huntite composites. <i>Polymer Bulletin</i> , 2014 , 71, 1471-1481	2.4	16
105	UV cured thiol-ene flame retardant hybrid coatings. <i>Progress in Organic Coatings</i> , 2013 , 76, 936-943	4.8	16
104	Preparation and characterization of UV-cured hybrid polyvinyl alcohol nanofiber membranes by electrospinning. <i>Materials Research</i> , 2014 , 17, 565-569	1.5	16
103	Preparation of biocompatible, UV-cured fumarated poly(ether-ester)-based tissue-engineering hydrogels. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011 , 22, 857-72	3.5	16
102	Preparation of collagen modified photopolymers: a new type of biodegradable gel for cell growth. <i>Journal of Materials Science: Materials in Medicine</i> , 2010 , 21, 761-75	4.5	16
101	The coating performance of adipic acid modified and methacrylated bisphenol- A based epoxy oligomers. <i>Polymers for Advanced Technologies</i> , 2007 , 18, 173-179	3.2	16
100	Preparation and characterization of hybrid cationic hydroxyethyl cellulose/sodium alginate polyelectrolyte antimicrobial films. <i>Polymers for Advanced Technologies</i> , 2018 , 29, 1895-1901	3.2	15
99	Covalent immobilization of acetylcholinesterase on a novel polyacrylic acid-based nanofiber membrane. <i>Engineering in Life Sciences</i> , 2018 , 18, 254-262	3.4	15
98	Properties of Thiol-ene Photocurable Highly Hydrophobic and Oleophobic Nanocomposite Coatings on ABS and HIPS Substrates. <i>Advances in Polymer Technology</i> , 2013 , 32, E416-E426	1.9	15
97	α-Amylase immobilization on functionalized nano CaCO ₃ by covalent attachment. <i>Starch/Staerke</i> , 2012 , 64, 3-9	2.3	15
96	Preparation, characterisation, and dielectric properties of polypyrrole-clay composites. <i>Chemical Papers</i> , 2013 , 67,	1.9	15
95	UV curable sulfonated hybrid materials and their performance as proton exchange membranes. <i>Reactive and Functional Polymers</i> , 2009 , 69, 698-704	4.6	15
94	Microencapsulated organic coconut oil as a natural phase change material for thermo-regulating cellulosic fabrics. <i>Cellulose</i> , 2019 , 26, 8939-8950	5.5	14

93	Thermal conductivity and properties of cyanate Ester/nanodiamond composites. <i>Polymers for Advanced Technologies</i> , 2014 , 25, 1020-1026	3.2	14
92	Adsorption of Ag (I) Ions from Aqueous Solutions Using Photocured Thiol-Ene Hydrogel. <i>Separation Science and Technology</i> , 2013 , 48, 2860-2870	2.5	14
91	Effect of surface modification on nano-diamond particles for surface and thermal property of UV-curable hybrid coating. <i>Progress in Organic Coatings</i> , 2016 , 101, 468-476	4.8	14
90	Design and development of self-healing coating based on thiol-epoxy reactions. <i>Reactive and Functional Polymers</i> , 2019 , 142, 69-76	4.6	13
89	Photocurable cyanate ester containing hybrid coatings by an anhydrous sol-gel technique. <i>Progress in Organic Coatings</i> , 2012 , 74, 511-519	4.8	13
88	UV-curable fluorine-containing hybrid coatings via thiol-ene click reaction and an in situ sol-gel method. <i>Polymer Bulletin</i> , 2013 , 70, 1037-1048	2.4	13
87	Photo-curable highly water-repellent nanocomposite coatings. <i>Journal of Vinyl and Additive Technology</i> , 2013 , 19, 31-38	2	13
86	Adsorption of Au(III) ions from aqueous solutions by thiol-ene photoclick hydrogels and its application to electronic waste and geothermal water. <i>Journal of Water Process Engineering</i> , 2014 , 3, 105-116	6.7	12
85	Immobilization of alpha-amylase on aminated polyimide membrane: Preparation, characterization, and properties. <i>Starch/Staerke</i> , 2014 , 66, 274-280	2.3	12
84	Uptake of Pb ²⁺ Using N-Vinyl Imidazole Based Uniform Porous Hydrogels. <i>Separation Science and Technology</i> , 2011 , 46, 1984-1993	2.5	12
83	Structural and dielectric properties of POSS reinforced polyimide nanocomposites. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019 , 56, 245-252	2.2	12
82	Preparation and performances of UV-cured methacrylated polyacrylic acid-based core-shell hybrid phase change materials. <i>Polymer Engineering and Science</i> , 2018 , 58, 2166-2174	2.3	11
81	Phosphonic acid based polymeric fluorescent sensor for Hg(II) analysis. <i>Sensors and Actuators B: Chemical</i> , 2016 , 224, 640-647	8.5	11
80	Nanodiamond-containing polyethyleneimine hybrid materials for lead adsorption from aqueous media. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 48241	2.9	11
79	Preparation and characterization of polyaniline/Turkish Huntite-hydromagnesite composites. <i>Polymer Composites</i> , 2014 , 35, 456-460	3	11
78	Preparation and characterization of UV-curable polymeric support for covalent immobilization of xylanase enzyme. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011 , 68, 104-108		11
77	Removal of Lead and Cadmium Ions from Aqueous Solutions Using Sulphur and Oxygen Donor Ligand Bearing Hydrogels. <i>Separation Science and Technology</i> , 2009 , 45, 116-128	2.5	11
76	Synthesis of a Novel Bifunctional Photoinitiator: Hybrid Coatings on Polycarbonate. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 1572-1581	2.6	11

75	Synthesis and Adsorption Application of In Situ Photo-Cross-Linked Electrospun Poly(Vinyl Alcohol)-Based Nanofiber Membranes. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	10
74	Thermal and Phase Change Material Properties of Comb-Like Polyacrylic Acid-Grafted-Fatty Alcohols. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 276-282		10
73	Preparation of photocurable silica/titania hybrid coatings by an anhydrous sol-gel process. <i>Journal of Sol-Gel Science and Technology</i> , 2011 , 58, 612-618	2.3	10
72	Preparation and characterization of light curable hybrid coating: Its potential application for dental restorative material. <i>Journal of Polymer Research</i> , 2008 , 15, 389-395	2.7	10
71	Electrospun 3D Structured Carbon Current Collector for Li/S Batteries. <i>Nanomaterials</i> , 2020 , 10,	5.4	9
70	Preparation of thiol-ene based photo-crosslinked polymer as a potential phase change material. <i>Materials Chemistry and Physics</i> , 2016 , 177, 521-528	4.4	9
69	Thermal and morphological properties of PVA/4-vinylbenzene boronic acid hybrid nanofibrous. <i>Polymer Composites</i> , 2012 , 33, 829-837	3	9
68	Bisphenol A (BADCy)/bisphenol P (BPDCy) cyanate ester/colemanite composites: synthesis and characterization. <i>Polymer Bulletin</i> , 2015 , 72, 1611-1623	2.4	8
67	A novel UV-cured interpenetrating organic/inorganic hybrid polymer network based phase change materials (IPN-PCM). <i>Polymer Engineering and Science</i> , 2018 , 58, 870-875	2.3	8
66	Dual-crosslinked thiol-ene/sol gel hybrid electrospun nanowires: preparation and characterization. <i>Journal of Polymer Research</i> , 2015 , 22, 1	2.7	8
65	Thermal and neutron shielding properties of 10B2O3/polyimide hybrid materials. <i>Polymer Bulletin</i> , 2011 , 67, 1741-1750	2.4	8
64	Thermal, optical and electrical properties of UV-curing screen-printed glass substrates. <i>Polymer Bulletin</i> , 2019 , 76, 4355-4368	2.4	8
63	Allyl phosphonium salt modified clay for photocured coatings: Influence on the properties of polyester acrylate-based coatings. <i>Polymer Composites</i> , 2015 , 36, 946-954	3	7
62	Fabrication of photo-cross-linked polyethyleneimine-based barriers for CO2 capture. <i>Polymers for Advanced Technologies</i> , 2015 , 26, 1053-1058	3.2	7
61	Thioether functional chain extender for thermoplastic polyurethanes. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015 , 33, 850-856	3.5	7
60	Thiol-yne photo-clickable electrospun phase change materials for thermal energy storage. <i>Reactive and Functional Polymers</i> , 2018 , 127, 10-19	4.6	7
59	Preparation and properties of nano diamond/6F-bisphenol A-based cyanate ester composites. <i>Polymer Composites</i> , 2013 , 34, 1977-1985	3	7
58	Preparation of bow tie type methacrylated poly(caprolactone-co-lactic acid) scaffolds: effect of collagen modification on cell growth. <i>Polymers for Advanced Technologies</i> , 2012 , 23, 1403-1413	3.2	7

57	Preparation of fluorine containing hybrid coatings: investigation of coating performance onto ABS and PMMA substrates. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 981-986	3.2	7
56	Covalent immobilization of α -amylase onto UV-curable coating. <i>Journal of Applied Polymer Science</i> , 2009 , 114, 3716-3722	2.9	7
55	Photocrosslinked biobased phase change material for thermal energy storage. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	7
54	Thermal properties of phosphorylated nanodiamond reinforced polyimides. <i>Polymer Composites</i> , 2016 , 37, 2285-2292	3	6
53	UV-reactive electrospinning of keratin/4-vinyl benzene boronic acid/hydroxyapatite/poly(vinyl alcohol) composite nanofibers. <i>Polymer Composites</i> , 2017 , 38, 1371-1377	3	6
52	Form-stable electrospun nanofibrous mats as a potential phase change material. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019 , 56, 708-716	2.2	6
51	4-Vinylbenzene Boronic Acid/hydroxy Apatite/Polyvinyl Alcohol Based Nanofiber Scaffold Synthesized by UV-Activated Reactive Electrospinning. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015 , 64, 727-732	3	6
50	Novel polythiophene based nanofibers obtained by simultaneous electrospinning and UV. <i>Synthetic Metals</i> , 2013 , 183, 29-35	3.6	6
49	Photo and thermal crosslinked poly(vinyl alcohol)-based nanofiber membrane for flexible gel polymer electrolyte. <i>Journal of Power Sources</i> , 2022 , 520, 230896	8.9	6
48	Fabrication of UV-Crosslinked Flexible Solid Polymer Electrolyte with PDMS for Li-Ion Batteries. <i>Polymers</i> , 2020 , 13,	4.5	6
47	Autocatalytic reactive flame retardants for rigid polyurethane foams. <i>Materials Chemistry and Physics</i> , 2021 , 267, 124636	4.4	6
46	Preparation and thermal properties of polyethylene terephthalate/huntite/hydromagnesite composites. <i>Polymer Composites</i> , 2016 , 37, 3275-3279	3	6
45	PEG-based hydrogel-coated test strip for on-site urea determination. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019 , 68, 597-606	3	6
44	Dual microcapsules based epoxy/polyethyleneimine autonomous self-healing system for photo-curable coating. <i>Polymers for Advanced Technologies</i> , 2021 , 32, 553-563	3.2	6
43	Synthesis of B/P/N Containing Flame-Retardant Additives and UV Curable Hybrid Coating Applications. <i>Advances in Polymer Technology</i> , 2017 , 36, 517-524	1.9	5
42	Recovery of Au(III) ions by Au(III)-imprinted hydrogel. <i>Chemical Papers</i> , 2016 , 70,	1.9	5
41	Preparation, Characterization, Thermal, and Dielectric Properties of Polypyrrole/h-BN Nanocomposites. <i>Advances in Polymer Technology</i> , 2014 , 33, n/a-n/a	1.9	5
40	Fluorine-containing photocurable hybrid coatings via anhydrous sol-gel method. <i>Journal of Vinyl and Additive Technology</i> , 2015 , 21, 272-277	2	5

39	Enhanced thermal and hydrophobic surface properties of shape-stabilized nanodiamond/fatty alcohol grafted poly(ethylene-alt-maleic anhydride) composite phase change materials. <i>Polymer Composites</i> , 2018 , 39, 1887-1895	3	4
38	Removal of Ag(I) from Aqueous Solutions by Thiol-ene-Based Hydrogel and Its Application to Radiographic Films. <i>Water, Air, and Soil Pollution</i> , 2014 , 225, 1	2.6	4
37	Morphology and Mechanical Properties of Thermoplastic Polyurethane/Colemanite Composites. <i>Porrime</i> , 2017 , 41, 1019-1026	1	4
36	Antibacterial UV-photocured acrylic coatings containing quaternary ammonium salt. <i>Polymer Bulletin</i> , 2021 , 78, 3577-3588	2.4	4
35	Designing Coconut Oil Encapsulated Poly(stearyl methacrylate-co-hydroxyethyl metacrylate) Based Microcapsule for Phase Change Materials. <i>ChemistrySelect</i> , 2019 , 4, 5110-5115	1.8	3
34	Hydroxyethyl cellulose-based indicator labels to track freshness of anchovy (<i>Engraulis encrasicolus</i>). <i>Color Research and Application</i> , 2020 , 45, 962-967	1.3	3
33	Effect of Barium Titanate on the Thermal, Morphology, Surface, and Mechanical Properties of the Thermoplastic Polyurethane/Barium Titanate Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2016 , 55, 1325-1331		3
32	Preparation and performance on polycarbonate of B/F/Si-containing hybrid coatings. <i>Journal of Vinyl and Additive Technology</i> , 2013 , 19, 39-46	2	3
31	Synthesis of novel crown ethers. Part 1. Coumestan and coumestan analog derivatives of crown ethers. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1996 , 26, 39-46		3
30	New thiamine functionalized silica microparticles as a sorbent for the removal of lead, mercury and cadmium ions in aqueous media. <i>Journal of the Serbian Chemical Society</i> , 2017 , 82, 215-226	0.9	3
29	Cellulose/cysteine based thiol-ene UV cured adsorbent: removal of silver (I) ions from aqueous solution. <i>Cellulose</i> , 2021 , 28, 6439	5.5	3
28	Phosphorus Ester Containing Mesoporous Silica as Novel High-Effective Flame Retardant in Polyurethane and Polyester Coatings. <i>ChemistrySelect</i> , 2021 , 6, 6541-6547	1.8	3
27	Thermal and Morphological Properties of Organo Modified Nanoclay/Polyethylene Terephthalate Composites. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017 , 27, 31-36	3.2	2
26	Preparation and antimicrobial properties of LL-37 peptide immobilized lignin/caprolactone polymer film. <i>Polymers for Advanced Technologies</i> , 2020 , 31, 2222	3.2	2
25	Bisphenol S and bisphenol A cyanate ester/barium metaborate composites. <i>Polymer Composites</i> , 2016 , 37, 1312-1317	3	2
24	Reusable fluorescent photocrosslinked polymeric sensor for determining lead ions in aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016 , 159, 106-12	4.4	2
23	Photocured thiol-ene based optical fluorescence sensor for determination of gold(III). <i>Analytica Chimica Acta</i> , 2014 , 812, 215-21	6.6	2
22	UV Cured Polymeric Optical Fluorescence Sensor for the Determination of Au (III). <i>Macromolecular Symposia</i> , 2014 , 339, 33-37	0.8	2

21	Phosphonium modified clay/polyimide nanocomposites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014 , 64, 012046	0.4	2
20	Thermal and neutron shielding properties of 10B containing UV cured hybrid coatings. <i>Journal of Sol-Gel Science and Technology</i> , 2011 , 59, 613-620	2.3	2
19	Polymeric nanoparticles for selective protein recognition by using thiol-ene miniemulsion photopolymerization. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020 , 31, 2044-2059	3.5	2
18	Preparation and electrical properties of polypyrrole containing photocured thiol-ene based composites. <i>Progress in Organic Coatings</i> , 2015 , 80, 33-38	4.8	1
17	Fabrication and characterization of photocrosslinked phase change materials by using conventional and terahertz spectroscopy techniques. <i>Journal of Energy Storage</i> , 2019 , 26, 100989	7.8	1
16	Phosphorylated nano-diamond/ Polyimide Nanocomposites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014 , 64, 012048	0.4	1
15	Covalently bonded nanosilver-hydroxyethyl cellulose/polyacrylic acid/sorbitol hybrid matrix: thermal, morphological and antibacterial properties. <i>Polymer Bulletin</i> , 1	2.4	1
14	Statistical optimization and selective uptake of Au(III) from aqueous solution using carbon nanotube-cellulose based adsorbent. <i>Materials Today Communications</i> , 2022 , 30, 103144	2.5	1
13	A New Fluorescent Sensor for Arsenic(III) Determination in Aqueous Media. <i>Analytical Sciences</i> , 2020 , 36, 807-811	1.7	1
12	Optimizing the immobilization conditions of β -galactosidase on UV-cured epoxy-based polymeric film using response surface methodology. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13699	3.3	1
11	Transparent and flexible antibacterial photocrosslinked thin films against the S. aureus and E. coli pathogen bacteria. <i>Materials Today Communications</i> , 2021 , 27, 102463	2.5	1
10	UV photocrosslinked polymeric fluorescent sensor for bisphenol A. <i>Reactive and Functional Polymers</i> , 2018 , 132, 133-137	4.6	1
9	Encapsulation of trichloroacetic acid and trifluoroacetic acid for autonomous self healing coatings. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 2040-2049	1.5	0
8	Thermally Stable Phosphonium Organoclay-Reinforced Polyimide Nanocomposites. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 443-452		0
7	A novel polymer based fluorimetric sensor for fast and selective determination of chlorpyrifos. <i>Microchemical Journal</i> , 2021 , 165, 106098	4.8	0
6	Development of nanofiber based immunosorbent surface for the removal of fluoxetine from breast milk. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019 , 68, 947-955	3	0
5	Preparation and thermal properties of Alkoxy Silane functionalized polyether sulfone/well-defined poly(trimethoxysilyl) propyl methacrylate-based hybrid materials. <i>Polymer Engineering and Science</i> , 2018 , 58, 1346-1352	2.3	
4	Thermal and morphological characterization of poly(vinyl alcohol) based phenylboronic acid hybrid nanofibers: the effect of experimental parameters on the nanofiber diameter. <i>Polymer Science - Series A</i> , 2015 , 57, 845-850	1.2	

- 3 Quaternary imidazolium-functionalized reactive silica nanoparticles-containing thiol-ene photocured antibacterial hybrid coatings. *Reactive and Functional Polymers*, **2022**, 170, 105149 4.6
- 2 Synthesis of Nanofiber Membrane by Electrospinning Technique 1165-1171
- 1 Free volume, thermal and morphological properties of photo-crosslinked thiol-Ene/ nanodiamond hybrid network. *Pigment and Resin Technology*, **2021**, 50, 113-120 1