

# Hasan B Kocer

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,596  
citations

361296

20  
h-index

434063

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

884  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial coating of an N-halamine biocidal monomer on cotton fibers via admicellar polymerization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 317, 711-716.	2.3	131
2	<i>N</i> -Halamine Biocidal Coatings via a Layer-by-Layer Assembly Technique. <i>Langmuir</i> , 2011, 27, 4091-4097.	1.6	126
3	Polymeric Antimicrobial <i>N</i> -Halamine Epoxides. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 2845-2850.	4.0	115
4	A novel N-halamine acrylamide monomer and its copolymers for antimicrobial coatings. <i>Reactive and Functional Polymers</i> , 2011, 71, 561-568.	2.0	113
5	Fabric Treated with Antimicrobial <i>N</i> -Halamine Epoxides. <i>Industrial &amp; Engineering Chemistry Research</i> , 2007, 46, 6425-6429.	1.8	107
6	Rechargeable biocidal cellulose: Synthesis and application of 3-(2,3-dihydroxypropyl)-5,5-dimethylimidazolidine-2,4-dione. <i>Carbohydrate Polymers</i> , 2009, 75, 683-687.	5.1	103
7	N-Halamine-coated cotton for antimicrobial and detoxification applications. <i>Carbohydrate Polymers</i> , 2009, 78, 220-226.	5.1	97
8	Antimicrobial polyester. <i>Journal of Applied Polymer Science</i> , 2008, 109, 2756-2761.	1.3	77
9	<i>N</i> -Halamine Copolymers for Use in Antimicrobial Paints. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 3189-3194.	4.0	77
10	Mechanism of Photolytic Decomposition of N-Halamine Antimicrobial Siloxane Coatings. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 2456-2464.	4.0	76
11	Novel N-halamine silanes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 345, 88-94.	2.3	71
12	N-halamine copolymers for biocidal coatings. <i>Reactive and Functional Polymers</i> , 2012, 72, 673-679.	2.0	63
13	Effect of Alkyl Derivatization on Several Properties of <i>N</i> -Halamine Antimicrobial Siloxane Coatings. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 7558-7563.	1.8	62
14	Antimicrobial modification of polyester by admicellar polymerization. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 89B, 475-480.	1.6	54
15	Multifunctional cotton fabric: Antimicrobial and durable press. <i>Journal of Applied Polymer Science</i> , 2012, 124, 4230-4238.	1.3	50
16	Biocidal nanofibers via electrospinning. <i>Journal of Applied Polymer Science</i> , 2013, 127, 3192-3197.	1.3	36
17	Acyclic N-Halamine Polymeric Biocidal Films. <i>Journal of Bioactive and Compatible Polymers</i> , 2010, 25, 392-405.	0.8	34
18	Epoxide tethering of polymeric N-halamine moieties. <i>Cellulose</i> , 2012, 19, 959-966.	2.4	32

#	ARTICLE	IF	CITATIONS
19	Why Does Kevlar Decompose, while Nomex Does Not, When Treated with Aqueous Chlorine Solutions?. <i>Journal of Physical Chemistry B</i> , 2007, 111, 5581-5586.	1.2	30
20	Effect of Phenyl Derivatization on the Stabilities of Antimicrobial <i>N</i> -Chlorohydantoin Derivatives. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 11188-11194.	1.8	24
21	Residual disinfection with N-halamine based antimicrobial paints. <i>Progress in Organic Coatings</i> , 2012, 74, 100-105.	1.9	20
22	Preparation of breathable polyurethane membranes with quaternary ammonium salt diols providing durable antibacterial property. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47133.	1.3	20
23	<i>N</i> -(hydroxymethyl) acrylamide as a multifunctional finish to cotton and a tether for grafting methacrylamide for biocidal coatings. <i>Journal of Applied Polymer Science</i> , 2013, 128, 4405-4410.	1.3	19
24	Cellulose/starch/HALS composite fibers extruded from an ionic liquid. <i>Carbohydrate Polymers</i> , 2011, 86, 922-927.	5.1	13
25	Antimicrobial open-cell polyurethane foams with quaternary ammonium salts. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45914.	1.3	12
26	Supercritical carbon dioxide application using hydantoin acrylamide for biocidal functionalization of polyester. <i>Journal of Supercritical Fluids</i> , 2020, 165, 104986.	1.6	11
27	Inter- and Intramolecular Mechanisms for Chlorine Rearrangements in Trimethyl-Substituted <i>N</i> -Chlorohydantoin. <i>Journal of Physical Chemistry A</i> , 2012, 116, 7245-7252.	1.1	5
28	Treatment of melamine formaldehyde fibers for decontaminating biological and chemical warfare agents. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	5
29	Preparation of antibacterial polyvinylidene fluoride (PVDF) ultrafiltration membranes with direct addition of <i>N</i> -halamine polymers. <i>Separation Science and Technology</i> , 2019, 54, 803-814.	1.3	5
30	Mechanical and antibacterial properties of ZnO/chitosan bio-composite films. <i>Journal of Polymer Engineering</i> , 2022, 42, 35-47.	0.6	5
31	Spinnability and characterization of poly(D-lactide) blended poly(L-lactide) filament yarns. <i>Journal of Applied Polymer Science</i> , 0, , 51916.	1.3	2
32	Annealing studies on a thermotropic liquid crystalline polyester meltblown fabric. <i>Journal of Industrial Textiles</i> , 2017, 46, 1656-1667.	1.1	1