Ibrahim Erol

List of Publications by Year
in descending order

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43 papers	406 citations	687220 13 h-index	839398 18 g-index
43 all docs	43 docs citations	43 times ranked	246 citing authors

#	Article	IF	Citations
1	Novel methacrylate copolymers with fluorine containing: Synthesis, characterization, reactivity ratios, thermal properties and biological activity. Journal of Fluorine Chemistry, 2008, 129, 613-620.	0.9	31
2	Thermal degradation behaviour of two methacrylate polymers with side chain amide groups. Polymer Degradation and Stability, 2002, 78, 49-55.	2.7	28
3	Copolymerization and monomer reactivity ratios of 2-(3-mesityl-3-methylcyclobutyl)-2-hydroxyethyl methacrylate with acrylonitrile. European Polymer Journal, 2000, 36, 83-88.	2.6	22
4	Thermal degradation of poly[2-(3-aryl-3-methylcyclobutyl)-2-hydroxyethyl methacrylate]. Polymer Degradation and Stability, 1998, 61, 493-497.	2.7	21
5	Synthesis and characterization of poly(1,3-thiazol-2-yl-carbomoyl) methyl methacrylate: Its metal complexes and antimicrobial activity studies. Journal of Applied Polymer Science, 2003, 90, 3244-3251.	1.3	21
6	Synthesis, spectral and thermal properties of homo- and copolymers of 2-[(5-methylisoxazol-3-yl)amino]-2-oxo-ethyl methacrylate with styrene and methyl methacrylate and determination of monomer reactivity ratios. European Polymer Journal, 2003, 39, 2261-2270.	2.6	21
7	Synthesis and characterization of novel fluorineâ€containing methacrylate copolymers: Reactivity ratios, thermal properties, and antimicrobial activity. Journal of Applied Polymer Science, 2009, 114, 3351-3359.	1.3	21
8	Synthesis and characterization of new aryl-oxycarbonyl methyl methacrylate monomers and their polymers. Reactive and Functional Polymers, 2003, 56, 147-157.	2.0	20
9	Monomer reactivity ratios of the 2-(3-mesityl-3-methylcyclobutyl)-2-hydroxyethyl methacrylate and styrene system from1H NMR. Journal of Polymer Science Part A, 2002, 40, 1756-1763.	2.5	19
10	Thermal degradation of poly 2-[3-(6-tetralino)-3-methylcyclobutyl]-2-ketoethyl methacrylate. Polymer Degradation and Stability, 2003, 81, 287-295.	2.7	19
11	Synthesis and characterization of novel methacrylate copolymers based on sulfonamide and coumarine: Monomer reactivity ratios, biological activity, thermal stability, and optical properties. Journal of Polymer Science Part A, 2010, 48, 4323-4334.	2.5	19
12	SYNTHESIS, CHARACTERIZATION, AND POLYMERIZATION OF NEW METHACRYLATE ESTERS HAVING PENDANT AMIDE MOIETIES. Journal of Macromolecular Science - Pure and Applied Chemistry, 2002, 39, 405-417.	1.2	18
13	Functional styrenic copolymer based on 2-(dimethylamino)ethyl methacrylate: Reactivity ratios, biological activity thermal properties and semi-conducting properties. Journal of Fluorine Chemistry, 2015, 178, 154-164.	0.9	16
14	Free-radical copolymerization of [(4-isopropyl phenyl) oxycarbonyl] methyl methacrylate with acrylonitrile and methyl methacrylate. Journal of Applied Polymer Science, 2003, 88, 2331-2338.	1.3	9
15	Synthesis of Moringa oleifera coated silver-containing nanocomposites of a new methacrylate polymer having pendant fluoroarylketone by hydrothermal technique and investigation of thermal, optical, dielectric and biological properties. Journal of Biomaterials Science, Polymer Edition, 2022, , 1-25.	1.9	9
16	COPOLYMERIZATION OF METHYL METHACRYLATE WITH 2-METHYLBENZYL METHACRYLATE AND 4-METHYLBENZYL METHACRYLATE: SYNTHESIS, CHARACTERIZATION, AND MONOMER REACTIVITY RATIOS. Journal of Macromolecular Science - Pure and Applied Chemistry, 2002, 39, 953-968.	1.2	8
17	Copolymers of methacrylic and styrenic monomer based on the naphthalene: synthesis, characterization, monomer reactivity ratios and thermal properties. Journal of Polymer Research, 2012, 19, 1.	1.2	8
18	Evaluation of antioxidant, cytotoxic, antibacterial effects and mineral levels of Verbascum lasianthum Boiss. ex Bentham. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20210865.	0.3	8

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19	Copolymerization of 2-methyl-N-1,3-thiazole-2-ylacrylamide with glycidyl methacrylate: synthesis, characterization, reactivity ratios and biological activity. Journal of Polymer Research, 2009, 16, 19-28.	1.2	7
20	Synergistic effect of ZnO nanoparticles and hesperidin on the antibacterial properties of chitosan. Journal of Biomaterials Science, Polymer Edition, 2022, 33, 1973-1997.	1.9	7
21	Preparation of poly(acrylonitrile-co-methyl acrylate)/cellulose composite membranes and their application in wastewater treatment. Journal of Macromolecular Science - Pure and Applied Chemistry, 2019, 56, 529-534.	1.2	6
22	A new methacrylate polymer functionalized with fluoroarylketone prepared by hydrothermal method and its nanocomposites with SiO2: thermal, dielectric, and biocidal properties. Polymer Bulletin, 2023, 80, 2729-2752.	1.7	6
23	Free Radical Copolymerization of Novel Methacrylates with Acrylonitrile and Determination of Monomer Reactivity Ratios. Journal of Polymer Research, 2005, 12, 403-412.	1.2	5
24	Copolymers of (2-oxo-2-tert-butylamino)ethylene methacrylate and styrene: synthesis, characterization and monomer reactivity ratios. Polymer International, 2005, 54, 506-512.	1.6	5
25	Copolymers of 4â€(1â€methylâ€1â€mesitylâ€3â€cyclobutyl)â€2â€Nâ€1, 3â€thiazoleâ€2â€yl methacrylamide with 2â€[(5â€methylisoxazolâ€3â€yl) amino]â€2â€oxoâ€ethyl methacrylate: Synthesis, characterization, monomer reactivity ratios and biological activity. Journal of Polymer Science Part A, 2008, 46, 530-542.	2.5	5
26	Copolymers of novel methacrylic and styrenic monomer based on the thiophene: synthesis, characterization, monomer reactivity ratios, thermal properties, and biological activity. Journal of Biomaterials Science, Polymer Edition, 2013, 24, 1198-1218.	1.9	5
27	Synthesis and Characterization of Novel Methacrylate Monomers Having Pendant Oxime Esters and Their Copolymerization with Styrene. Journal of Macromolecular Science - Pure and Applied Chemistry, 2007, 44, 817-830.	1.2	4
28	Free-radical copolymerization of 2-[3-(6-tetralino)-3-methylcyclobutyl]-2-ketoethyl methacrylate with acrylonitrile and styrene: Synthesis, characterization, and monomer reactivity ratios. Journal of Applied Polymer Science, 2007, 104, 1979-1986.	1.3	4
29	Novel functional copolymers based on glycidyl methacrylate: Synthesis, characterization, and polymerization kinetics. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 434-445.	1.2	4
30	Kinetic parameters, thermal stability, biological activity, and dielectric properties of new methacrylate-based copolymers functionalized with methylparaben. Journal of Polymer Research, 2022, 29, 1.	1.2	4
31	Synthesis and Evaluation of Thermal Properties of Fluorinated Poly(aryl ether) Dendritic Structures Based on Calix[4]arenes. Journal of Macromolecular Science - Pure and Applied Chemistry, 2009, 47, 26-32.	1.2	3
32	Synthesis, characterization, thermal and optical properties of styrene derivatives having pendant p-substituted benzylic ether groups. Journal of Thermal Analysis and Calorimetry, 2013, 114, 377-385.	2.0	3
33	Novel functional methacrylate copolymers with side chain tertiary amine and alkynes and their some properties. Journal of Polymer Research, 2015, 22, 1.	1.2	3
34	Copolymers of 4-fluoro benzyl methacrylate and 2-(dimethylamino)ethyl methacrylate: Reactivity ratios, thermal properties, biologial activity, and semi-conducting properties. Polymer Science - Series B, 2015, 57, 228-238.	0.3	3
35	Copolymers of a novel amphiphilic methacrylate monomer based on the hydroxyl group: copolymerization kinetics, thermal properties, biological activity, and swelling behavior. Journal of Polymer Research, 2021, 28, 1.	1.2	3
36	Copolymerization of two new kinds of methacrylate monomers and determination of monomer reactivity ratios. Journal of Applied Polymer Science, 2006, 100, 1864-1874.	1.3	2

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37	Synthesis, characterization, biological activity, and thermal stability of new styrenic polymer having pendant ketone and its some derivatives. Polymer Engineering and Science, 2013, 53, 1383-1393.	1.5	2
38	Synthesis of novel functionalized methacrylate copolymers and their copolymerization kinetics, thermal stability, and biocidal properties. Journal of Applied Polymer Science, 2021, 138, 51334.	1.3	2
39	Novel methacrylate copolymers functionalized with fluoroarylamide; copolymerization kinetics, thermal stability and antimicrobial properties. Journal of Biomaterials Science, Polymer Edition, 2021, 32, 1810-1834.	1.9	2
40	Synthesis of poly(vinyl alcohol-co-ethylene)/cellulose composite membranes and their application in wastewater treatment. Journal of Taibah University for Science, 2020, 14, 1482-1488.	1.1	1
41	Preparation of Poly(Vinyl Alcohol)-Poly[2-(4-Acetylphenoxy)-2-Oxoethyl-2-Methylacrylate]/Poly(Vinyl) Tj ETQq1 1 0.784314 rgBT /Over Macromolecular Science - Physics, 2021, 60, 544-552.	0.4	1
42	Synthesis and characterization of new methacrylate copolymers having pendant chloroacetophenon; monomer reactivity ratio, thermal degradation kinetics and biological activity. Polymer Bulletin, 2022, 79, 8717-8742.	1.7	1
43	Synthesis and characterization of novel methacrylate copolymers having pendant piperonyl group: monomer reactivity ratio, thermal degradation kinetics, and biological activity. Polymers and Polymer Composites, 2021, 29, S1432-S1445.	1.0	0