

# GÃ¼rkem Yilmaz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6529459/publications.pdf>

Version: 2024-02-01

69  
papers

2,497  
citations

172207

29  
h-index

197535

49  
g-index

71  
all docs

71  
docs citations

71  
times ranked

1845  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoinduced Controlled/Living Polymerizations. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	64
2	Photoinduced Controlled/Living Polymerizations. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	5
3	Synthesis of Block Copolymers by Mechanistic Transformation from Reversible Complexation Mediated Living Radical Polymerization to the Photoinduced Radical Oxidation/Addition/Deactivation Process. <i>ACS Macro Letters</i> , 2022, 11, 342-346.	2.3	5
4	Visible light induced step-growth polymerization by electrophilic aromatic substitution reactions. <i>Chemical Communications</i> , 2021, 57, 5398-5401.	2.2	21
5	Visible Light Induced Step-Growth Polymerization by Substitution Reactions. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000686.	2.0	13
6	Expanding the Scope of 2D Black Phosphorus Catalysis to the Near-Infrared Light Initiated Free Radical Photopolymerization. <i>ACS Macro Letters</i> , 2021, 10, 679-683.	2.3	13
7	A Novel Photoinduced Ligation Approach for Cross-Linking Polymerization, Polymer Chain-End Functionalization, and Surface Modification Using Benzoyl Azides. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100166.	2.0	1
8	Directly and Indirectly Acting Photoinitiating Systems for Ring-Opening Polymerization of $\epsilon$ -Caprolactone. <i>ChemPhotoChem</i> , 2021, 5, 1089-1093.	1.5	4
9	Complex macromolecular structures from stable radical containing block copolymers. <i>Journal of Polymer Science</i> , 2020, 58, 62-69.	2.0	2
10	A new ethanol biosensor based on polyfluorene-g-poly(ethylene glycol) and multiwalled carbon nanotubes. <i>European Polymer Journal</i> , 2020, 122, 109300.	2.6	19
11	Light-induced step-growth polymerization. <i>Progress in Polymer Science</i> , 2020, 100, 101178.	11.8	75
12	Mechanistic Transformations Involving Radical and Cationic Polymerizations. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2020, 38, 205-212.	2.0	13
13	In-situ syntheses of graft copolymers by metal-free strategies: combination of photoATRP and ROP. <i>Designed Monomers and Polymers</i> , 2020, 23, 134-140.	0.7	1
14	One-Pot Synthesis of Star Copolymers by the Combination of Metal-Free ATRP and ROP Processes. <i>Polymers</i> , 2019, 11, 1577.	2.0	13
15	A versatile approach for the preparation of end-functional polymers and block copolymers by stable radical exchange reactions. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2387-2395.	2.5	1
16	Highly Selective Copper Ion Imprinted Clay/Polymer Nanocomposites Prepared by Visible Light Initiated Radical Photopolymerization. <i>Polymers</i> , 2019, 11, 286.	2.0	26
17	Visible light induced radical coupling reactions for the synthesis of conventional polycondensates. <i>Polymer Chemistry</i> , 2019, 10, 5652-5658.	1.9	21
18	Photoinduced metal-free atom transfer radical polymerizations: state-of-the-art, mechanistic aspects and applications. <i>Polymer Chemistry</i> , 2018, 9, 1757-1762.	1.9	80

#	ARTICLE	IF	CITATIONS
19	Multi-mode Polymerizations Involving Photoinduced Radical Polymerization. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2018, 31, 719-725.	0.1	7
20	The Photopolymer Science and Technology Award. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2018, 31, 5-7.	0.1	0
21	Photoinduced Step-Growth Polymerization of <i>N</i> -Ethylcarbazole. Journal of the American Chemical Society, 2018, 140, 12728-12731.	6.6	58
22	Photoinduced Metal Free Strategies for Atom Transfer Radical Polymerization. ACS Symposium Series, 2018, , 263-271.	0.5	4
23	Simultaneous and Sequential Synthesis of Polyaniline- <i>g</i> -poly(ethylene glycol) by Combination of Oxidative Polymerization and CuAAC Click Chemistry: A Water-Soluble Instant Response Glucose Biosensor Material. Macromolecules, 2017, 50, 1824-1831.	2.2	22
24	Conventional Type II photoinitiators as activators for photoinduced metal-free atom transfer radical polymerization. Polymer Chemistry, 2017, 8, 1972-1977.	1.9	110
25	Block copolymer synthesis in one shot: concurrent metal-free ATRP and ROP processes under sunlight. Polymer Chemistry, 2017, 8, 2899-2903.	1.9	62
26	Photoinduced Metal-Free Atom Transfer Radical Polymerization Using Highly Conjugated Thienothiophene Derivatives. Macromolecules, 2017, 50, 6903-6910.	2.2	68
27	Synthesis of Hyperbranched Polymers by Photoinduced Metal-Free ATRP. Macromolecules, 2017, 50, 9115-9120.	2.2	70
28	Synthesis of block copolymers by mechanistic transformation from photoinitiated cationic polymerization to a RAFT process. Polymer Chemistry, 2017, 8, 7307-7310.	1.9	4
29	âœDo It Yourselfâœ-Peristaltic Pump and Flowcell for QCM Biosensor. , 2017, , .		0
30	Photoinitiated Metal Free Living Radical and Cationic Polymerizations. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2017, 30, 385-392.	0.1	13
31	Polymeric Thioxanthenes as Potential Anticancer and Radiotherapy Agents. Macromolecular Rapid Communications, 2016, 37, 1046-1051.	2.0	16
32	New Photochemical Processes for Macromolecular Syntheses. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2016, 29, 91-98.	0.1	11
33	LED and visible light-induced metal free ATRP using reducible dyes in the presence of amines. Polymer Chemistry, 2016, 7, 6094-6098.	1.9	117
34	Photoinitiated Metal-Free Controlled/Living Radical Polymerization Using Polynuclear Aromatic Hydrocarbons. Macromolecules, 2016, 49, 7785-7792.	2.2	113
35	Diazonium salts for surface-confined visible light radical photopolymerization. Journal of Polymer Science Part A, 2016, 54, 3506-3515.	2.5	15
36	Fullerene-Attached Polymeric Homogeneous/Heterogeneous Photoactivators for Visible-Light-Induced CuAAC Click Reactions. ACS Macro Letters, 2016, 5, 103-107.	2.3	26

#	ARTICLE	IF	CITATIONS
37	Visible Light-Induced Atom Transfer Radical Polymerization for Macromolecular Syntheses. ACS Symposium Series, 2015, , 145-158.	0.5	7
38	Unconventional Sulfur Chemistries for Macromolecular Syntheses. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 1352-1365.	0.8	7
39	Poly(vinyl alcohol)-Thioxanthone as One-Component Type II Photoinitiator for Free Radical Polymerization in Organic and Aqueous Media. Macromolecular Rapid Communications, 2015, 36, 923-928.	2.0	60
40	Dibenzoyldiethylgermane as a visible light photo-reducing agent for CuAAC click reactions. Polymer Chemistry, 2015, 6, 8168-8175.	1.9	32
41	Tandem Photoinduced Cationic Polymerization and CuAAC for Macromolecular Synthesis. Macromolecules, 2015, 48, 7446-7452.	2.2	27
42	Antipsikotik kullanılmayla tetiklenen n-tropeni olgusunda tedaviye lityum eklenmesi. Dusunen Adam, 2014, , 78-80.	0.0	2
43	Photoinduced Copper(I)-Catalyzed Click Chemistry by the Electron Transfer Process Using Polynuclear Aromatic Compounds. Macromolecular Chemistry and Physics, 2014, 215, 662-668.	1.1	47
44	Poly(phenylenevinylene)s as Sensitizers for Visible Light Induced Cationic Polymerization. Macromolecules, 2014, 47, 7296-7302.	2.2	47
45	Photoinduced reverse atom transfer radical polymerization of methyl methacrylate using camphorquinone/benzhydrol system. Polymer International, 2014, 63, 902-907.	1.6	67
46	Synthesis of polystyrene- <i>b</i> -poly(ethylene glycol) block copolymers by radical exchange reactions of terminal RAFT agents. Designed Monomers and Polymers, 2014, 17, 238-244.	0.7	5
47	Antibacterial Flexible Biaxially Oriented Polyethylene Terephthalate Sheets Through Sequential Diazonium and Hydrophilic Polymer Surface Chemistries. Journal of Colloid Science and Biotechnology, 2014, 3, 58-67.	0.2	5
48	Telechelic Polymers by Visible-Light-Induced Radical Coupling. Macromolecular Chemistry and Physics, 2013, 214, 94-98.	1.1	34
49	Synthesis and pyrolysis of ABC type miktoarm star copolymers with polystyrene, poly(lactic acid) and poly(ethylene glycol) arms. European Polymer Journal, 2012, 48, 1755-1767.	2.6	20
50	Visible Light-Induced Cationic Polymerization Using Fullerenes. ACS Macro Letters, 2012, 1, 1212-1215.	2.3	54
51	Photoinduced Free Radical Promoted Copper(I)-Catalyzed Click Chemistry for Macromolecular Syntheses. Macromolecules, 2012, 45, 56-61.	2.2	149
52	Counteranion Sensitization Approach to Photoinitiated Free Radical Polymerization. Macromolecules, 2012, 45, 2219-2224.	2.2	73
53	Photoinduced grafting of polystyrene onto silica particles by ketene chemistry. Journal of Polymer Science Part A, 2012, 50, 2517-2520.	2.5	20
54	Diazonium Salt-Derived 4-(Dimethylamino)phenyl Groups as Hydrogen Donors in Surface-Confined Radical Photopolymerization for Bioactive Poly(2-hydroxyethyl methacrylate) Grafts. Langmuir, 2012, 28, 8035-8045.	1.6	44

#	ARTICLE	IF	CITATIONS
55	Mono-addition Synthesis of Polystyrene-Fullerene (C <sub>60</sub> ) Conjugates by Thiol-Ene Chemistry. Chemistry - A European Journal, 2012, 18, 10254-10257.	1.7	25
56	Synthesis of ABC type miktoarm star copolymers by triple click chemistry. Polymer Chemistry, 2011, 2, 2865.	1.9	68
57	Modification of polysulfones by click chemistry: Amphiphilic graft copolymers and their protein adsorption and cell adhesion properties. Journal of Polymer Science Part A, 2011, 49, 110-117.	2.5	58
58	Visible light induced free radical promoted cationic polymerization using thioxanthone derivatives. Journal of Polymer Science Part A, 2011, 49, 1591-1596.	2.5	87
59	ABC type miktoarm star copolymers through combination of controlled polymerization techniques with thiol-ene and azide-alkyne click reactions. Journal of Polymer Science Part A, 2011, 49, 2417-2422.	2.5	60
60	Polysulfone/Pyrene Membranes: A New Microwell Assay Platform for Bioapplications. Macromolecular Bioscience, 2011, 11, 1235-1243.	2.1	18
61	A One Pot, One Step Method for the Preparation of Clickable Hydrogels by Photoinitiated Polymerization. Macromolecular Rapid Communications, 2011, 32, 1906-1909.	2.0	41
62	Macromol. Rapid Commun. 23/2011. Macromolecular Rapid Communications, 2011, 32, 1905-1905.	2.0	1
63	Polysulfone based amphiphilic graft copolymers by click chemistry as bioinert membranes. Materials Science and Engineering C, 2011, 31, 1091-1097.	3.8	34
64	Functionalization of Polysulfones by Click Chemistry. Macromolecular Chemistry and Physics, 2010, 211, 2389-2395.	1.1	47
65	Thioxanthone-carbazole as a visible light photoinitiator for free radical polymerization. Journal of Polymer Science Part A, 2010, 48, 5120-5125.	2.5	86
66	Thioxanthone-Fluorenes as Visible Light Photoinitiators for Free Radical Polymerization. Macromolecules, 2010, 43, 4520-4526.	2.2	131
67	Polymers with Side Chain N-Alkoxy Pyridinium Ions as Precursors for Photoinduced Grafting and Modification Processes. Macromolecular Chemistry and Physics, 2007, 208, 1737-1743.	1.1	18
68	N-alkoxy pyridinium ion terminated polystyrenes: A facile route to photoinduced block copolymerization. Journal of Polymer Science Part A, 2007, 45, 423-428.	2.5	30
69	Combination of Photoinduced ATRP and Click Processes for the Synthesis of Triblock Copolymers. Journal of the Turkish Chemical Society, Section A: Chemistry, 0, , 727-736.	0.4	0