

Metin Ak

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2394587/metin-ak-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

2,381
citations

30
h-index

41
g-index

116
ext. papers

2,676
ext. citations

4.1
avg, IF

5.53
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 110 | Enhancing electrochromic properties of polypyrrole by silsesquioxane nanocages. <i>Polymer</i> , 2008 , 49, 2202-2210 | 3.9 | 100 |
| 109 | A soluble and multichromic conducting polythiophene derivative. <i>European Polymer Journal</i> , 2006 , 42, 2352-2360 | 5.2 | 85 |
| 108 | Current trends in the development of conducting polymers-based biosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 264-276 | 14.6 | 72 |
| 107 | Enhancing biosensor properties of conducting polymers via copolymerization: Synthesis of EDOT-substituted bis(2-pyridylimino)isoindolato-palladium complex and electrochemical sensing of glucose by its copolymerized film. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 81-88 | 11.8 | 62 |
| 106 | A novel multielectrochromic copolymer based on 1-(4-nitrophenyl)-2,5-di(2-thienyl)-1H-pyrrole and EDOT. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 603, 8-14 | 4.1 | 61 |
| 105 | Use of the monodisperse Pt/Ni@rGO nanocomposite synthesized by ultrasonic hydroxide assisted reduction method in electrochemical nonenzymatic glucose detection. <i>Materials Science and Engineering C</i> , 2019 , 99, 951-956 | 8.3 | 56 |
| 104 | Zinc(II) phthalocyanine fused in peripheral positions octa-substituted with alkyl linked carbazole: Synthesis, electropolymerization and its electro-optic and biosensor applications. <i>Biosensors and Bioelectronics</i> , 2017 , 98, 202-209 | 11.8 | 49 |
| 103 | Peptide-modified conducting polymer as a biofunctional surface: monitoring of cell adhesion and proliferation. <i>RSC Advances</i> , 2014 , 4, 53411-53418 | 3.7 | 48 |
| 102 | Synthesis and electropolymerization of 1,2-bis(thiophen-3-ylmethoxy)benzene and its electrochromic properties and electrochromic device application. <i>Solid State Sciences</i> , 2010 , 12, 1199-1204 | 2.4 | 48 |
| 101 | Synthesis and characterization of a new soluble conducting polymer and its electrochromic device. <i>Solid State Sciences</i> , 2006 , 8, 1477-1483 | 3.4 | 44 |
| 100 | Comparative investigation of spectroelectrochemical and biosensor application of two isomeric thienylpyrrole derivatives. <i>RSC Advances</i> , 2015 , 5, 52543-52549 | 3.7 | 43 |
| 99 | Ferrocene-functionalized 4-(2,5-Di(thiophen-2-yl)-1H-pyrrol-1-yl)aniline: a novel design in conducting polymer-based electrochemical biosensors. <i>Sensors</i> , 2015 , 15, 1389-403 | 3.8 | 43 |
| 98 | Enhanced optical and electrical properties of PEDOT via nanostructured carbon materials: A comparative investigation. <i>Nano Structures Nano Objects</i> , 2017 , 11, 13-19 | 5.6 | 42 |
| 97 | Syntheses of electroactive layers based on functionalized anthracene for electrochromic applications. <i>Electrochimica Acta</i> , 2008 , 53, 4875-4882 | 6.7 | 42 |
| 96 | Synthesis, characterization and optoelectrochemical properties of poly(1,6-bis(2,5-di(thiophen-2-yl)-1H-pyrrol-1-yl)hexane) and its copolymer with EDOT. <i>Journal of Electroanalytical Chemistry</i> , 2008 , 621, 55-61 | 4.1 | 42 |
| 95 | A novel organic/inorganic hybrid conducting copolymer for mediated biosensor applications. <i>RSC Advances</i> , 2014 , 4, 46357-46362 | 3.7 | 39 |
| 94 | Fabricating multicolored electrochromic devices using conducting copolymers. <i>Smart Materials and Structures</i> , 2013 , 22, 115022 | 3.4 | 39 |

| | | | |
|----|---|------|----|
| 93 | Synthesis of star-shaped pyrrole and thiophene functionalized monomers and optoelectrochemical properties of corresponding copolymers. <i>Materials Chemistry and Physics</i> , 2009 , 114, 789-794 | 4.4 | 39 |
| 92 | Enhancing electrochromic properties of conducting polymers via copolymerization: Copolymer of 1-(4-fluorophenyl)-2,5-di(thiophen-2-yl)-1H-pyrrole with 3,4-ethylene dioxythiophene. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 4496-4503 | 2.5 | 39 |
| 91 | Smart windows application of carbazole and triazine based star shaped architecture. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 21659-67 | 3.6 | 38 |
| 90 | Comparative Investigation of Peripheral and Nonperipheral Zinc Phthalocyanine-Based Polycarbazoles in Terms of Optical, Electrical, and Sensing Properties. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 21654-21665 | 9.5 | 36 |
| 89 | A novel functional conducting polymer as an immobilization platform. <i>Materials Science and Engineering C</i> , 2014 , 40, 148-56 | 8.3 | 35 |
| 88 | Electrochemical Properties of a New Star-Shaped Pyrrole Monomer and its Electrochromic Applications. <i>Macromolecular Chemistry and Physics</i> , 2006 , 207, 1351-1358 | 2.6 | 35 |
| 87 | Transition metal cations extraction by ester and ketone derivatives of chromogenic azocalix[4]arenes. <i>Journal of Hazardous Materials</i> , 2008 , 154, 51-4 | 12.8 | 34 |
| 86 | Electrochromic properties and electrochromic device application of copolymer of N-(4-(3-thienyl methylene)-oxycarbonylphenyl)maleimide with thiophene. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 4500-4505 | 2.9 | 34 |
| 85 | New class of 2,5-di(2-thienyl)pyrrole compounds and novel optical properties of its conducting polymer. <i>Materials Chemistry and Physics</i> , 2013 , 142, 303-310 | 4.4 | 33 |
| 84 | Synthesis and characterization of polypyrrole/carbon composite as a catalyst support for fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 16673-16679 | 6.7 | 33 |
| 83 | Efficient synthesis of EDOT modified ABBB-type unsymmetrical zinc phthalocyanine: optoelectrochromic and glucose sensing properties of its copolymerized film. <i>New Journal of Chemistry</i> , 2017 , 41, 14080-14087 | 3.6 | 32 |
| 82 | Synthesis of highly branched conducting polymer architecture for electrochromic applications. <i>Polymer</i> , 2018 , 134, 187-195 | 3.9 | 32 |
| 81 | Smart window application of a new hydrazide type SNS derivative. <i>RSC Advances</i> , 2016 , 6, 1744-1749 | 3.7 | 30 |
| 80 | Rhodamine-based conjugated polymers: potentiometric, colorimetric and voltammetric sensing of mercury ions in aqueous medium. <i>Analyst, The</i> , 2017 , 142, 3407-3415 | 5 | 30 |
| 79 | Electrochromic Properties of 'Trimeric' Thiophene-pyrrole-thiophene Derivative Grown from Electrodeposited 6-(2,5-di(thiophen-2-yl)-1H-pyrrol-1-yl)hexan-1-amine and its Copolymer. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2008 , 45, 164-171 | 2.2 | 29 |
| 78 | Optoelectrochemical properties of the copolymer of 2,5-di(4-methylthiophen-2-yl)-1-(4-nitrophenyl)-1H-pyrrole monomer with 3,4-ethylenedioxythiophene. <i>Thin Solid Films</i> , 2008 , 516, 4334-4341 | 2.2 | 29 |
| 77 | An effective non-enzymatic biosensor platform based on copper nanoparticles decorated by sputtering on CVD graphene. <i>Sensors and Actuators B: Chemical</i> , 2018 , 273, 1501-1507 | 8.5 | 28 |
| 76 | Carbon Based Nanomaterials for High Performance Optoelectrochemical Systems. <i>ChemistrySelect</i> , 2017 , 2, 1548-1555 | 1.8 | 27 |

| | | | |
|----|---|-----|----|
| 75 | An Amide Substituted Dithienylpyrrole Based Copolymer: Its Electrochromic Properties. <i>Journal of the Electrochemical Society</i> , 2016 , 163, H59-H66 | 3.9 | 27 |
| 74 | Carbazole Functionalized Star Shaped Triazine Monomer and Its Electrochromic Applications. <i>Journal of the Electrochemical Society</i> , 2015 , 162, H527-H534 | 3.9 | 27 |
| 73 | Synthesis of a dipyrromethane functionalized monomer and optoelectrochromic properties of its polymer. <i>European Polymer Journal</i> , 2008 , 44, 2567-2573 | 5.2 | 26 |
| 72 | Preparation of an EDOT-based polymer: optoelectronic properties and electrochromic device application. <i>RSC Advances</i> , 2015 , 5, 2630-2639 | 3.7 | 25 |
| 71 | Thermal decomposition kinetics of polypyrrole and its star shaped copolymer. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013 , 111, 1627-1632 | 4.1 | 25 |
| 70 | High Contrast Electrochromic Polymer and Copolymer Materials Based on Amide-Substituted Poly(Dithienyl Pyrrole). <i>Journal of the Electrochemical Society</i> , 2017 , 164, H11-H20 | 3.9 | 24 |
| 69 | Use of Super-Structural Conducting Polymer as Functional Immobilization Matrix in Biosensor Design. <i>Journal of the Electrochemical Society</i> , 2018 , 165, B22-B26 | 3.9 | 24 |
| 68 | Synthesis and characterization of a bifunctional amido-thiophene monomer and its copolymer with thiophene and electrochemical properties. <i>European Polymer Journal</i> , 2005 , 41, 967-973 | 5.2 | 24 |
| 67 | Investigation of rGO and chitosan effects on optical and electrical properties of the conductive polymers for advanced applications. <i>Electrochimica Acta</i> , 2019 , 295, 1044-1051 | 6.7 | 24 |
| 66 | Optoelectrochromic characterization and smart windows application of bi-functional amid substituted thienyl pyrrole derivative. <i>Polymer</i> , 2017 , 118, 40-48 | 3.9 | 23 |
| 65 | Transparent-Blue Colored Dual Type Electrochromic Device: Switchable Glass Application of Conducting Organic-Inorganic Hybrid Carbazole Polymer. <i>Journal of the Electrochemical Society</i> , 2016 , 163, H679-H683 | 3.9 | 21 |
| 64 | Donor-Acceptor Type Super-Structural Triazine Cored Conducting Polymer Containing Carbazole and Quinoline for High-Contrast Electrochromic Device. <i>Journal of the Electrochemical Society</i> , 2018 , 165, H316-H323 | 3.9 | 20 |
| 63 | Synthesis and characterization of poly{2-[3-(1H-pyrrol-2-yl)phenyl]-1H-pyrrole} and its copolymer with EDOT. <i>Russian Journal of General Chemistry</i> , 2011 , 81, 2510-2516 | 0.7 | 20 |
| 62 | The effect of the monomer feed ratio and applied potential on copolymerization: investigation of the copolymer formation of ferrocene-functionalized metallopolymer and EDOT. <i>Designed Monomers and Polymers</i> , 2016 , 19, 545-552 | 3.1 | 20 |
| 61 | Synthesis and Fluorescence Properties of Carbazole Based Asymmetric Functionalized Star Shaped Polymer. <i>Journal of the Electrochemical Society</i> , 2017 , 164, H49-H55 | 3.9 | 19 |
| 60 | Conducting carbon/polymer composites as a catalyst support for proton exchange membrane fuel cells. <i>International Journal of Energy Research</i> , 2014 , 38, 1278-1287 | 4.5 | 19 |
| 59 | Trilacunary Keggin Type Polyoxometalate-Conducting Polymer Composites for Amperometric Glucose Detection. <i>Journal of the Electrochemical Society</i> , 2018 , 165, B638-B643 | 3.9 | 19 |
| 58 | Structural, electrochemical and optical comparisons of tungsten oxide coatings derived from tungsten powder-based sols. <i>Thin Solid Films</i> , 2009 , 518, 104-111 | 2.2 | 18 |

| | | | |
|----|---|-----|----|
| 57 | An Electrochemical Sensor Platform for Sensitive Detection of Iron (III) Ions Based on Pyrene-Substituted Poly(2,5-dithienylpyrrole). <i>Journal of the Electrochemical Society</i> , 2019 , 166, B291-B298 | 3.9 | 17 |
| 56 | Theoretical study of the structure-properties relationship in new class of 2,5-di(2-thienyl)pyrrole compounds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 137, 1174-83 | 4.4 | 17 |
| 55 | Processable Amide Substituted 2,5-Bis(2-thienyl)pyrrole Based Conducting Polymer and Its Fluorescent and Electrochemical Properties. <i>Journal of the Electrochemical Society</i> , 2016 , 163, H1096-H1103 | 3.8 | 17 |
| 54 | A soluble and fluorescent new type thienylpyrrole based conjugated polymer: optical, electrical and electrochemical properties. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 14401-7 | 3.6 | 17 |
| 53 | Copolymer based multifunctional conducting polymer film for fluorescence sensing of glucose. <i>Methods and Applications in Fluorescence</i> , 2018 , 6, 035012 | 3.1 | 17 |
| 52 | Synthesis and characterization of poly(N-(2-(thiophen-3-yl)methylcarbonyloxyethyl)maleimide) and its spectroelectrochemical properties. <i>Journal of Applied Electrochemistry</i> , 2007 , 37, 729-735 | 2.6 | 16 |
| 51 | Asymmetric Star-Shaped Functionalized Triazine Architecture and Its Electrochromic Device Application. <i>Journal of the Electrochemical Society</i> , 2017 , 164, H463-H469 | 3.9 | 15 |
| 50 | Non-Enzymatic Electrochemical Detection of Glucose by Mixed-Valence Cobalt Containing Keggin Polyoxometalate/Multi-Walled Carbon Nanotube Composite. <i>Journal of the Electrochemical Society</i> , 2019 , 166, B205-B211 | 3.9 | 15 |
| 49 | Experimental and Theoretical Investigations of an Electrochromic Azobenzene and 3,4-Ethylenedioxythiophene-based Electrochemically Formed Polymeric Semiconductor. <i>ChemPhysChem</i> , 2018 , 19, 2735-2740 | 3.2 | 15 |
| 48 | Synthesis of a novel, fluorescent, electroactive and metal ion sensitive thienylpyrrole derivate. <i>New Journal of Chemistry</i> , 2016 , 40, 8053-8059 | 3.6 | 15 |
| 47 | Ferrocenyl dithiophosphonate functionalized inorganic-organic hybrid conductive polymer with green color in neutral state. <i>Synthetic Metals</i> , 2013 , 180, 25-31 | 3.6 | 14 |
| 46 | Rhodamine functionalized conducting polymers for dual intention: electrochemical sensing and fluorescence imaging of cells. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 7118-7125 | 7.3 | 14 |
| 45 | Electrochemical Synthesis of a Water-Soluble and Self-Doped Polythiophene Derivative. <i>Designed Monomers and Polymers</i> , 2008 , 11, 309-317 | 3.1 | 14 |
| 44 | Ferrocenyldithiophosphonate Containing Conducting Polymers and Theirs Electrochromic Application. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015 , 25, 1011-1018 | 3.2 | 13 |
| 43 | Enzyme immobilization in a photosensitive conducting polymer bearing azobenzene in the main chain. <i>Polymer Bulletin</i> , 2014 , 71, 1827-1841 | 2.4 | 13 |
| 42 | Synthesis and electropolymerization of 5,12-dihydrothieno[3,4:2,3][1,4]dioxocino[6,7-b]quinoxaline and its electrochromic properties. <i>European Polymer Journal</i> , 2007 , 43, 3452-3460 | 5.2 | 13 |
| 41 | Solid state electrochromic device applications of N-(2-(thiophen-3-yl)methylcarbonyloxyethyl) maleimide. <i>Solid State Sciences</i> , 2007 , 9, 843-849 | 3.4 | 13 |
| 40 | Conjugated and Fluorescent Polymer Based on Dansyl-Substituted Carbazole: Investigation of Electrochromic and Ion Sensitivity Performance. <i>ECS Journal of Solid State Science and Technology</i> , 2017 , 6, P211-P216 | 2 | 12 |

- 39 Multifunctional Surface Design by Carbazole and Fluorescein Functionalized Conducting Polymer: High-Contrast Electrochromic Devices Application. *Journal of the Electrochemical Society*, **2018**, 165, H437-H445^{3.9}¹²
- 38 Blend or copolymer? Spectroelectrochemical evidence of copolymerization and blending of two electrochromic monomers. *Colloid and Polymer Science*, **2013**, 291, 767-772 2.4 12
- 37 An eco-friendly method to enhance optical and electrical properties of conducting polymers by means of carboxymethyl cellulose. *Cellulose*, **2019**, 26, 2541-2555 5.5 12
- 36 Electrochemistry of Secondary Amine Substituted 2,5-di(2-thienyl)pyrrole Derivative and Its Copolymer. *Journal of the Electrochemical Society*, **2017**, 164, H421-H429 3.9 11
- 35 Synthesis and electropolymerization of 3,4-substituted quinoxaline functionalized pyrrole monomer and optoelectronic properties of its polymer. *Synthetic Metals*, **2014**, 194, 19-28 3.6 11
- 34 Optoelectrochemical properties of poly(5,12-dihydrothieno[3,4?2,3][1,4]dioxocino[6,7-b]quinoxaline-co-2,2? bithiophene) and its electrochromic device application. *Smart Materials and Structures*, **2007**, 16, 2621-2626 3.4 11
- 33 Synthesis and Computational Bandgap Engineering of New 3,4-Alkylenedioxyppyrrrole (ADOP) Derivatives and Investigation of Their Electrochromic Properties. *Journal of the Electrochemical Society*, **2016**, 163, H896-H905 3.9 11
- 32 Disulfide-linked symmetric N-alkyl carbazole derivative as a new electroactive monomer for electrochromic applications. *Synthetic Metals*, **2018**, 244, 120-127 3.6 9
- 31 A new way to obtain black electrochromism: appropriately covering whole visible regions by absorption spectra of copolymers composed of EDOT and carbazole derivatives. *Smart Materials and Structures*, **2019**, 28, 025013 3.4 9
- 30 A solution-processable electrochromic polymer designed with Reactive Yellow 160 and 2-hydroxy carbazole. *Organic Electronics*, **2019**, 75, 105436 3.5 8
- 29 Fabrication of Multifunctional 2,5-Di(2-Thienyl) Pyrrole Based Conducting Copolymer for Further Sensor and Optoelectronic Applications. *Journal of the Electrochemical Society*, **2018**, 165, H941-H953 3.9 8
- 28 Synthesis of Rhodamine and Carbazole Based Conductive Polymer for Fluorescence and Electrochromic Applications. *Journal of the Electrochemical Society*, **2017**, 164, H509-H514 3.9 7
- 27 Synthesis of new ferrocenyldithiophosphonate derivatives: electrochemical, electrochromic, and optical properties. *Designed Monomers and Polymers*, **2016**, 19, 429-436 3.1 7
- 26 A Fluorescence and Electroactive Surface Design: Electropolymerization of Dansyl Fluorophore Functionalized PEDOT. *Journal of the Electrochemical Society*, **2017**, 164, H925-H930 3.9 6
- 25 Simple and rapid synthesis of conducting metallopolymers, their electrochemical characterizations and application in electrochromics. *Journal of Organometallic Chemistry*, **2017**, 851, 248-253 2.3 6
- 24 Gas sensing property of a conducting copolymer. *E-Polymers*, **2007**, 7, 2.7 6
- 23 Designing sandwich-type single-layer graphene decorated by copper nanoparticles for enhanced sensing properties. *Journal Physics D: Applied Physics*, **2020**, 53, 255105 3 5
- 22 Quantum mechanical calculations of different monomeric structures with the same electroactive group to clarify the relationship between structure and ultimate optical and electrochemical properties of their conjugated polymers. *Journal of Physics and Chemistry of Solids*, **2021**, 149, 109720 3.9 5

| | | | |
|----|---|-----|---|
| 21 | Amperometric detection of glucose and H ₂ O ₂ using peroxide selective electrode based on carboxymethylcellulose/polypyrrole and Prussian Blue nanocomposite. <i>Materials Today Communications</i> , 2021 , 26, 101839 | 2.5 | 5 |
| 20 | Theoretical investigation of triazine based a star shape pyrrole monomer. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2017 , 54, 16-23 | 2.2 | 4 |
| 19 | Optical and Electrical Properties of Monolacunary Keggin-Type Polyoxometalate/Star-Shaped Polycarbazole Nanocomposite Film. <i>Journal of the Electrochemical Society</i> , 2019 , 166, H313-H319 | 3.9 | 4 |
| 18 | Purpald containing poly(2,5-dithienylpyrrole)-based multifunctional conducting polymer: synthesis, characterization, and electrochromic properties. <i>Ionics</i> , 2020 , 26, 3501-3511 | 2.7 | 4 |
| 17 | Poly (dithienylpyrrole) / Keggin type (nBu ₄ N) ₃ [PW ₉ O ₃₄ (tBuSiOH) ₃] hybrid material: Enhanced optical and electrical properties of conjugated polymers via polyoxometalates. <i>Synthetic Metals</i> , 2018 , 244, 54-60 | 3.6 | 4 |
| 16 | A new colorimetric sensor for Cu ²⁺ detection based on s-triazine cored amino carbazole. <i>Materials Research Express</i> , 2019 , 6, 025504 | 1.7 | 4 |
| 15 | Enzyme-free detection of hydrogen peroxide with a hybrid transducing system based on sodium carboxymethyl cellulose, poly(3,4-ethylenedioxythiophene) and prussian blue nanoparticles. <i>Analytica Chimica Acta</i> , 2021 , 1172, 338664 | 6.6 | 4 |
| 14 | CONDUCTING POLYMER COATED SMART TEXTILES. <i>TEXTEH Proceedings</i> , 2019 , 2019, 158-161 | 0.1 | 3 |
| 13 | Synthesis and electropolymerization of a multifunctional naphthalimide clicked carbazole derivative. <i>Polymer International</i> , 2020 , 69, 265-273 | 3.3 | 3 |
| 12 | Rational design of an all-in-one monomer to obtain black-to-highly transmissive electrochromic polymer. <i>Electrochimica Acta</i> , 2022 , 404, 139761 | 6.7 | 1 |
| 11 | Thermal degradation kinetics and thermodynamics of maleimide-styrene based alternating copolymer: A comparative investigation of monomer and polymer structures. <i>Journal of Molecular Structure</i> , 2020 , 1221, 128879 | 3.4 | 1 |
| 10 | Synthesis and electrochemical characterization of a new benzodioxocine-fused poly(N-methylpyrrole) derivative: a joint experimental and DFT study. <i>New Journal of Chemistry</i> , 2020 , 44, 18929-18941 | 3.6 | 1 |
| 9 | Phthalocyanine-cored conductive polymer design: effect of substitution pattern and chalcogen nature on optical and electrical properties of Zn(II)-phthalocyanine-cored polycarbazoles. <i>Materials Today Chemistry</i> , 2020 , 18, 100360 | 6.2 | 1 |
| 8 | An Innovative Sensor Construction Strategy via LbL Assembly for the Detection of H ₂ O ₂ Based on the Sequential In Situ Growth of Prussian Blue Nanoparticles in CMC-PANI Composite Film. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 076509 | 3.9 | 1 |
| 7 | Experimental and theoretical investigation of the substitution effects on N-substituted carbazole derivatives functionalized with azomethine bonds. <i>Reactive and Functional Polymers</i> , 2022 , 172, 105180 | 4.6 | 0 |
| 6 | Naphthalimide clicked polycarbazoles: Synthesis, characterization, and investigation of their optical, electrochemical and spectroelectrochemical properties. <i>Synthetic Metals</i> , 2022 , 285, 117031 | 3.6 | 0 |
| 5 | Synthesis of a carbazole substituted unusual cobalt(II)dioxime complex to design conducting polymers with caged metal centers for enhanced optical and electrical properties. <i>New Journal of Chemistry</i> , 2020 , 44, 18616-18624 | 3.6 | 0 |
| 4 | Novel nonperipheral octa-3-hydroxypropylthio substituted metallo-phthalocyanines: synthesis, characterization, and investigation of their electrochemical, photochemical and computational properties. <i>Turkish Journal of Chemistry</i> , 2021 , 45, 143-156 | 1 | 0 |

- 3 Influence of an Amide-Functionalized Monomeric Unit on the Morphology and Electronic Properties of Non-Fullerene Polymer Solar Cells. *International Journal of Precision Engineering and Manufacturing - Green Technology*,1 3.8 0
- 2 In Situ Electrochemical Production of Metal-organic Hybrid Composite Film from Nickel Containing Polyoxometalate and 3,4-Ethylenedioxy-thiophene for Sensor Application. *Electroanalysis*, **2021**, 33, 2023-2032
- 1 Effects of electroactive group and enzyme crosslinkers numbers on analytical performance for conductive polymer-based sensor platforms. *Reactive and Functional Polymers*, **2021**, 168, 105038 4.6