

Rukiye Ayranci

List of Publications by Year in descending order

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27
papers

689
citations

516710

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docs citations

27
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	7.3	83
2	Peptide-modified conducting polymer as a biofunctional surface: monitoring of cell adhesion and proliferation. <i>RSC Advances</i> , 2014, 4, 53411-53418.	3.6	52
3	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, 1389-1403.	3.8	52
4	Smart windows application of carbazole and triazine based star shaped architecture. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 21659-21667.	2.8	51
5	Enhanced optical and electrical properties of PEDOT via nanostructured carbon materials: A comparative investigation. <i>Nano Structures Nano Objects</i> , 2017, 11, 13-19.	3.5	46
6	Comparative investigation of spectroelectrochemical and biosensor application of two isomeric thienylpyrrole derivatives. <i>RSC Advances</i> , 2015, 5, 52543-52549.	3.6	45
7	Rhodamine-based conjugated polymers: potentiometric, colorimetric and voltammetric sensing of mercury ions in aqueous medium. <i>Analyst</i> , 2017, 142, 3407-3415.	3.5	43
8	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.	7.8	39
9	Carbon Based Nanomaterials for High Performance Optoelectrochemical Systems. <i>ChemistrySelect</i> , 2017, 2, 1548-1555.	1.5	33
10	Trilacunary Keggin Type Polyoxometalate-Conducting Polymer Composites for Amperometric Glucose Detection. <i>Journal of the Electrochemical Society</i> , 2018, 165, B638-B643.	2.9	32
11	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-B296.	2.9	26
12	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.	2.9	24
13	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.	1.6	22
14	Copolymer based multifunctional conducting polymer film for fluorescence sensing of glucose. <i>Methods and Applications in Fluorescence</i> , 2018, 6, 035012.	2.3	22
15	Synthesis of a novel, fluorescent, electroactive and metal ion sensitive thienylpyrrole derivate. <i>New Journal of Chemistry</i> , 2016, 40, 8053-8059.	2.8	21
16	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.	5.8	19
17	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.	1.8	17
18	Synthesis of Rhodamine and Carbazole Based Conductive Polymer for Fluorescence and Electrochromic Applications. <i>Journal of the Electrochemical Society</i> , 2017, 164, H509-H514.	2.9	12

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19	Synthesis of new ferrocenyldithiophosphonate derivatives: electrochemical, electrochromic, and optical properties. <i>Designed Monomers and Polymers</i> , 2016, 19, 429-436.	1.6	10
20	A Fluorescence and Electroactive Surface Design: Electropolymerization of Dansyl Fluorophore Functionalized PEDOT. <i>Journal of the Electrochemical Society</i> , 2017, 164, H925-H930.	2.9	9
21	Designing sandwich-type single-layer graphene decorated by copper nanoparticles for enhanced sensing properties. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 255105.	2.8	9
22	A new colorimetric sensor for Cu ²⁺ detection based on s-triazine cored amino carbazole. <i>Materials Research Express</i> , 2019, 6, 025504.	1.6	6
23	The Rapid and Practical Route to Cu@PCR Sensor: Modification of Copper Nanoparticles Upon Conducting Polymer for a Sensitive Non-Enzymatic Glucose Sensor. <i>Electroanalysis</i> , 2021, 33, 268-275.	2.9	6
24	Synthesis and electropolymerization of a multifunctional naphthalimide clicked carbazole derivative. <i>Polymer International</i> , 2020, 69, 265-273.	3.1	5
25	Naphthalimide clicked polycarbazoles: Synthesis, characterization, and investigation of their optical, electrochemical and spectroelectrochemical properties. <i>Synthetic Metals</i> , 2022, 285, 117031.	3.9	4
26	Göda Endüstrisinde Kullanılmak Üzere Keggin Tipi Polioksometalat/İletken Polimer Kompozitine Dayalı Glukoz Sensörün Hazırlanması. <i>Turkish Journal of Agriculture: Food Science and Technology</i> , 0, 7, 20-26.	0.3	1
27	In Situ Electrochemical Production of Metal-Organic Hybrid Composite Film from Nickel Containing Polyoxometalate and 3,4-Ethylenedioxythiophene for Sensor Application. <i>Electroanalysis</i> , 2021, 33, 2025-2032.	2.9	0