

BÄ°lal DemÄ°r

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

927
citations

361413

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h-index

477307

29
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31
all docs

31
docs citations

31
times ranked

1491
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking Hyaluronan: Molecularly Imprinted Polymer Coated Carbon Dots for Cancer Cell Targeting and Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3305-3313.	8.0	148
2	Polypeptide Functional Surface for the Aptamer Immobilization: Electrochemical Cocaine Biosensing. <i>Analytical Chemistry</i> , 2016, 88, 4161-4167.	6.5	91
3	Bio-active nanoemulsions enriched with gold nanoparticle, marigold extracts and lipoic acid: In vitro investigations. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 121, 299-306.	5.0	56
4	Polypeptide with electroactive endgroups as sensing platform for the abused drug "methamphetamine"™ by bioelectrochemical method. <i>Talanta</i> , 2016, 161, 789-796.	5.5	46
5	pH responsive glycopolymer nanoparticles for targeted delivery of anti-cancer drugs. <i>Molecular Systems Design and Engineering</i> , 2018, 3, 150-158.	3.4	43
6	Polythiophene- <i>g</i> -poly(ethylene glycol) with Lateral Amino Groups as a Novel Matrix for Biosensor Construction. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20612-20622.	8.0	42
7	An aptamer folding-based sensory platform decorated with nanoparticles for simple cocaine testing. <i>Drug Testing and Analysis</i> , 2017, 9, 578-587.	2.6	39
8	Molybdenum oxide/platinum modified glassy carbon electrode: A novel electrocatalytic platform for the monitoring of electrochemical reduction of oxygen and its biosensing applications. <i>Sensors and Actuators B: Chemical</i> , 2013, 185, 331-336.	7.8	37
9	Controlled release of anticancer drug Paclitaxel using nano-structured amphiphilic star-hyperbranched block copolymers. <i>Polymer Chemistry</i> , 2015, 6, 5470-5477.	3.9	37
10	Phyto-Niosomes: <i>In Vitro</i> Assessment of the Novel Nanovesicles Containing Marigold Extract. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015, 64, 927-937.	3.4	37
11	Herbal infusions of black seed and wheat germ oil: Their chemical profiles, in vitro bio-investigations and effective formulations as Phyto-Nanoemulsions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 133, 73-80.	5.0	36
12	Amine intercalated clay surfaces for microbial cell immobilization and biosensing applications. <i>RSC Advances</i> , 2013, 3, 7513.	3.6	28
13	Bioapplications of Polythiophene- <i>g</i> -Polyphenylalanine-Covered Surfaces. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1868-1878.	2.2	28
14	Theranostic Niosomes as a Promising Tool for Combined Therapy and Diagnosis: "All-in-One" Approach. <i>ACS Applied Nano Materials</i> , 2018, 1, 2827-2835.	5.0	26
15	An electrochemical cytosensor based on a PAMAM modified glassy carbon paste electrode. <i>RSC Advances</i> , 2015, 5, 53973-53978.	3.6	24
16	Selective Cell Adhesion and Biosensing Applications of Bio-Active Block Copolymers Prepared by CuAAC/Thiol-ene Double Click Reactions. <i>Macromolecular Bioscience</i> , 2015, 15, 1233-1241.	4.1	24
17	Poly(methacrylic acid)-Coated Gold Nanoparticles: Functional Platforms for Theranostic Applications. <i>Biomacromolecules</i> , 2016, 17, 2901-2911.	5.4	22
18	Multimodal theranostic assemblies: double encapsulation of protoporphyrine-IX/Gd ³⁺ in niosomes. <i>RSC Advances</i> , 2016, 6, 30217-30225.	3.6	21

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19	Amino acid intercalated montmorillonite: electrochemical biosensing applications. RSC Advances, 2014, 4, 50107-50113.	3.6	20
20	Niosomes of Nerium oleander extracts: InÄvitro assessment of bioactive nanovesicular structures. Journal of Drug Delivery Science and Technology, 2017, 37, 158-165.	3.0	20
21	Pyranose oxidase and PtÄMnOx bionanocomposite electrode bridged by ionic liquid for biosensing applications. Sensors and Actuators B: Chemical, 2014, 197, 123-128.	7.8	19
22	A novel ethanol biosensor on pulsed deposited MnOx-MoOx electrode decorated with Pt nanoparticles. Sensors and Actuators B: Chemical, 2016, 237, 291-297.	7.8	19
23	Novel glyconanoconjugates: synthesis, characterization and bioapplications. RSC Advances, 2016, 6, 105806-105813.	3.6	13
24	Carbon dots and curcumin-loaded CD44-Targeted liposomes for imaging and tracking cancer chemotherapy: A multi-purpose tool for theranostics. Journal of Drug Delivery Science and Technology, 2021, 62, 102363.	3.0	13
25	Functional Surfaces Constructed with Hyperbranched Copolymers as Optical Imaging and Electrochemical Cell Sensing Platforms. Macromolecular Chemistry and Physics, 2018, 219, 1700433.	2.2	11
26	FolicÄAcidÄModified Conducting Polymer: Electrochemical Detection of the Cell Attachment. Macromolecular Bioscience, 2016, 16, 545-552.	4.1	9
27	Comparative cell adhesion properties of cysteine extended peptide architectures. RSC Advances, 2016, 6, 2695-2702.	3.6	6
28	Magnetic Nanofiber Layers as a Functional Surface for Biomolecule Immobilization and OneÄUse ÄSensing inÄÄDropÄ™ Applications. ChemistrySelect, 2018, 3, 13553-13560.	1.5	6
29	Biofunctionalized nanomaterials for targeting cancer cells. , 2017, , 51-86.		4
30	Targeting and imaging of cancer cells using nanomaterials. , 2016, , 209-251.		1
31	A novel immobilization matrix for the biosensing of phenol: self assembled monolayers of calixarenes. Turkish Journal of Biochemistry, 2017, 42, 229-236.	0.5	1