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List of Publications by Year
in descending order

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23 papers	1,073 citations	516561 16 h-index	642610 23 g-index
23 all docs	23 docs citations	23 times ranked	1665 citing authors

#	Article	IF	Citations
1	On the kinetics of oxygen reduction on platinum stepped surfaces in acidic media. Journal of Electroanalytical Chemistry, 2004, 564, 141-150.	1.9	325
2	Uncovering the role of the ZnS treatment in the performance of quantum dot sensitized solar cells. Physical Chemistry Chemical Physics, 2011, 13, 12024.	1.3	217
3	CO monolayer oxidation on stepped Pt(S) [(nâ^1)(100)Ã—(110)] surfaces. Electrochimica Acta, 2009, 54, 4459-4466.	2.6	62
4	Biodegradable deep-eutectic mixtures as electrolytes for the electrochemical synthesis of conducting polymers. Journal of Applied Electrochemistry, 2012, 42, 997-1003.	1.5	46
5	Electrosynthesis of Polyaniline from Choline-Based Deep Eutectic Solvents: Morphology, Stability and Electrochromism. Journal of the Electrochemical Society, 2012, 159, G97-G105.	1.3	45
6	Selective Permeation of a Liquidlike Self-Assembled Monolayer of 11-Amino-1-undecanethiol on Polycrystalline Gold by Highly Charged Electroactive Probes. Journal of Physical Chemistry C, 2007, 111, 5351-5362.	1.5	42
7	Ultrasound-assisted preparation of size-controlled chitosan nanoparticles: Characterization and fabrication of transparent biofilms. Food Hydrocolloids, 2013, 31, 227-236.	5.6	41
8	A solid-state CdSe quantum dot sensitized solar cell based on a quaterthiophene as a hole transporting material. Physical Chemistry Chemical Physics, 2012, 14, 5801.	1.3	37
9	Chitosan Nanoparticles: Production, Physicochemical Characteristics and Nutraceutical Applications. Revista Virtual De Quimica, 2017, 9, 387-409.	0.1	34
10	A layered nanocomposite of laccase, chitosan, and Fe3O4 nanoparticles-reduced graphene oxide for the nanomolar electrochemical detection of bisphenol A. Mikrochimica Acta, 2020, 187, 262.	2.5	27
11	Edible Chitosan Films and Their Nanosized Counterparts Exhibit Antimicrobial Activity and Enhanced Mechanical and Barrier Properties. Molecules, 2019, 24, 127.	1.7	26
12	Solid-state electropolymerization and doping of triphenylamine as a route for electroactive thin films. Physical Chemistry Chemical Physics, 2011, 13, 4013.	1.3	22
13	Studies on the interactions between bovine Î²-lactoglobulin and chitosan at the solidâ€“liquid interface. Electrochimica Acta, 2010, 55, 8779-8790.	2.6	21
14	A new cleaning methodology for efficient Au-SAM removal. Electrochimica Acta, 2008, 53, 7681-7689.	2.6	20
15	Aggregation-induced conformational transitions in bovine Î²-lactoglobulin adsorbed onto open chitosan structures. Soft Matter, 2012, 8, 1190-1201.	1.2	19
16	Tweaking the mechanical and structural properties of colloidal chitosans by sonication. Food Hydrocolloids, 2016, 56, 29-40.	5.6	17
17	Immobilization of Î²-cyclodextrin on gold surfaces by chemical derivatization of an 11-amino-1-undecanthiol self-assembled monolayer. Electrochimica Acta, 2009, 55, 90-103.	2.6	16
18	Probing the Organization of Charged Self-Assembled Monolayers by Using the Effects of pH, Time, Electrolyte Anion, and Temperature, on the Charge Transfer of Electroactive Probes. Journal of Physical Chemistry C, 2009, 113, 2405-2416.	1.5	14

#	Article	IF	Citations
19	Reduced graphene oxide-nickel nanoparticles/biopolymer composite films for the sub-millimolar detection of glucose. Analyst, The, 2016, 141, 4151-4161.	1.7	11
20	Chitosanbiopolymerâ€“F(abâ€²)2immunoconjugate films for enhanced antigen recognition. Journal of Materials Chemistry B, 2013, 1, 500-511.	2.9	10
21	Proteomic Analyses Reveal New Insights on the Antimicrobial Mechanisms of Chitosan Biopolymers and Their Nanosized Particles against Escherichia coli. International Journal of Molecular Sciences, 2020, 21, 225.	1.8	10
22	Probing the Contribution of Different Intermolecular Forces to the Adsorption of Spheroproteins onto Hydrophilic Surfaces. Journal of Physical Chemistry B, 2013, 117, 16565-16576.	1.2	6
23	Potentiostatic Electropolymerization of Triphenylamine: A Low-Cost Cathode for Solid-State Photovoltaics. Journal of the Electrochemical Society, 2015, 162, H142-H150.	1.3	5