JoÃ£o A V Prior

List of Publications by Year
in descending order

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35 papers	808 citations	623574 14 h-index	501076 28 g-index
35 all docs	35 docs citations	35 times ranked	1074 citing authors

#	Article	IF	Citations
1	Formulation of Nano/Micro-Carriers Loaded with an Enriched Extract of Coffee Silverskin: Physicochemical Properties, In Vitro Release Mechanism and In Silico Molecular Modeling. Pharmaceutics, 2022, 14, 112.	2.0	3
2	Minimizing the Silver Free Ion Content in Starch Coated Silver Nanoparticle Suspensions with Exchange Cationic Resins. Nanomaterials, 2022, 12, 644.	1.9	1
3	Quantum Dots for Cancer-Related miRNA Monitoring. ACS Sensors, 2022, 7, 1269-1299.	4.0	25
4	Microwave Aqueous Dissolution of Potato Starch for the Synthesis of Starch Capped Silver Nanoparticles. Starch/Staerke, 2021, 73, 2000205.	1.1	2
5	You Donâ€™t Learn That in School: An Updated Practical Guide to Carbon Quantum Dots. Nanomaterials, 2021, 11, 611.	1.9	17
6	Silver Nanoparticles as Carriers of Anticancer Drugs for Efficient Target Treatment of Cancer Cells. Nanomaterials, 2021, 11, 964.	1.9	114
7	Starch-Capped AgNPsâ€™ as Potential Cytotoxic Agents against Prostate Cancer Cells. Nanomaterials, 2021, 11, 256.	1.9	8
8	From Impure to Purified Silver Nanoparticles: Advances and Timeline in Separation Methods. Nanomaterials, 2021, 11, 3407.	1.9	7
9	Cytotoxic Effect of Silver Nanoparticles Synthesized by Green Methods in Cancer. Journal of Medicinal Chemistry, 2020, 63, 14308-14335.	2.9	44
10	Determination of pKa(s) of nilutamide through UV-visible spectroscopy. Microchemical Journal, 2018, 138, 303-308.	2.3	12
11	Urtica spp.: Phenolic composition, safety, antioxidant and anti-inflammatory activities. Food Research International, 2017, 99, 485-494.	2.9	57
12	Immobilization of Distinctly Capped CdTe Quantum Dots onto Porous Aminated Solid Supports. ChemPhysChem, 2015, 16, 1880-1888.	1.0	5
13	Antioxidant capacity automatic assay based on inline photogenerated radical species from l-glutathione-capped CdTe quantum dots. Talanta, 2015, 141, 220-229.	2.9	14
14	Competitive metalâ€“ligand binding between CdTe quantum dots and EDTA for free Ca 2+ determination. Talanta, 2015, 134, 173-182.	2.9	17
15	pH-sensitive spectrophotometric control of nilutamide in an automatic micro-flow system. New Journal of Chemistry, 2014, 38, 2856.	1.4	18
16	Selective determination of sulphide based on photoluminescence quenching of MPA-capped CdTe nanocrystals by exploiting a gas-diffusion multi-pumping flow method. Analytical Methods, 2014, 6, 7956-7966.	1.3	15
17	Fluorescence enhancement of CdTe MPA-capped quantum dots by glutathione for hydrogen peroxide determination. Talanta, 2014, 122, 157-165.	2.9	41
18	Chemiluminometric determination of ascorbic acid in pharmaceutical formulations exploiting photoâ€activation of GSHâ€capped CdTe quantum dots. Luminescence, 2014, 29, 901-907.	1.5	17

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19	Automatic multiple photodegradation unit on a multipumping flow system: Monitoring of ketoprofen. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 271, 77-84.	2.0	4
20	Development of an HPLC Assay Methodology for a Desonide Cream with Chemometrics Assisted Optimization. Analytical Letters, 2012, 45, 1390-1400.	1.0	5
21	Exploiting adsorption and desorption at solidâ€“liquid interface for the fluorometric monitoring of glibenclamide in adulterated drinks. Analytica Chimica Acta, 2012, 721, 97-103.	2.6	6
22	Application of quantum dots as analytical tools in automated chemical analysis: A review. Analytica Chimica Acta, 2012, 735, 9-22.	2.6	207
23	Photoactivation by visible light of CdTe quantum dots for inline generation of reactive oxygen species in an automated multipumping flow system. Analytica Chimica Acta, 2012, 735, 69-75.	2.6	25
24	Chemiluminometric evaluation of melatonin and selected melatonin precursorsâ€™ interaction with reactive oxygen and nitrogen species. Analytical Biochemistry, 2012, 420, 1-6.	1.1	15
25	Automatic miniaturized fluorometric flow system for chemical and toxicological control of glibenclamide. Talanta, 2011, 84, 1329-1335.	2.9	5
26	Automated determination of diazepam in spiked alcoholic beverages associated with drug-facilitated crimes. Analytica Chimica Acta, 2010, 668, 67-73.	2.6	16
27	Diazepam Fluorimetric Monitoring Upon Photo-Degradation in an Automatic Miniaturized Flow System. Journal of Fluorescence, 2010, 20, 915-922.	1.3	4
28	Evidences of turbulent mixing in multi-pumping flow systems. Talanta, 2009, 79, 978-983.	2.9	24
29	Exploiting the oxidative coupling reaction of MBTH for indapamide determination. Talanta, 2009, 79, 1161-1168.	2.9	8
30	Automated chemiluminometric screening of counterfeit drugs of the antituberculosis agent pyrazinamide. Journal of AOAC INTERNATIONAL, 2009, 92, 830-6.	0.7	1
31	Automatic Multipumping Flow System for Handling Viscous Solutions: Application to the Spectrophotometric Determination of Trimipramine. Analytical Letters, 2008, 41, 2684-2696.	1.0	4
32	Exploiting kinetic spectrophotometric determination of captopril, an angiotensin-converting enzyme inhibitor, in a multi-pumping flow system. Analytica Chimica Acta, 2007, 600, 183-187.	2.6	31
33	Sampling strategies exploiting multi-pumping flow systems. Analytical and Bioanalytical Chemistry, 2003, 375, 1234-1239.	1.9	9
34	Trimipramine determination in pharmaceutical preparations with an automated multicommutated reversed-flow system. Journal of Pharmaceutical and Biomedical Analysis, 2003, 33, 903-910.	1.4	12
35	Automated spectrophotometric determination of clomipramine on a multicommutated flow system. Analytica Chimica Acta, 2002, 467, 75-81.	2.6	15