

# João A V Prior

## List of Publications by Year in descending order

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35  
papers

808  
citations

623188

14  
h-index

500791

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. <i>Pharmaceutics</i> , 2022, 14, 112.	2.0	3
2	Minimizing the Silver Free Ion Content in Starch Coated Silver Nanoparticle Suspensions with Exchange Cationic Resins. <i>Nanomaterials</i> , 2022, 12, 644.	1.9	1
3	Quantum Dots for Cancer-Related miRNA Monitoring. <i>ACS Sensors</i> , 2022, 7, 1269-1299.	4.0	25
4	Microwave Aqueous Dissolution of Potato Starch for the Synthesis of Starch Capped Silver Nanoparticles. <i>Starch/Staerke</i> , 2021, 73, 2000205.	1.1	2
5	You Don't Learn That in School: An Updated Practical Guide to Carbon Quantum Dots. <i>Nanomaterials</i> , 2021, 11, 611.	1.9	17
6	Silver Nanoparticles as Carriers of Anticancer Drugs for Efficient Target Treatment of Cancer Cells. <i>Nanomaterials</i> , 2021, 11, 964.	1.9	114
7	Starch-Capped AgNPs as Potential Cytotoxic Agents against Prostate Cancer Cells. <i>Nanomaterials</i> , 2021, 11, 256.	1.9	8
8	From Impure to Purified Silver Nanoparticles: Advances and Timeline in Separation Methods. <i>Nanomaterials</i> , 2021, 11, 3407.	1.9	7
9	Cytotoxic Effect of Silver Nanoparticles Synthesized by Green Methods in Cancer. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 14308-14335.	2.9	44
10	Determination of pKa(s) of nilutamide through UV-visible spectroscopy. <i>Microchemical Journal</i> , 2018, 138, 303-308.	2.3	12
11	<i>Urtica</i> spp.: Phenolic composition, safety, antioxidant and anti-inflammatory activities. <i>Food Research International</i> , 2017, 99, 485-494.	2.9	57
12	Immobilization of Distinctly Capped CdTe Quantum Dots onto Porous Aminated Solid Supports. <i>ChemPhysChem</i> , 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. <i>Talanta</i> , 2015, 141, 220-229.	2.9	14
14	Competitive metal-ligand binding between CdTe quantum dots and EDTA for free Ca <sup>2+</sup> determination. <i>Talanta</i> , 2015, 134, 173-182.	2.9	17
15	pH-sensitive spectrophotometric control of nilutamide in an automatic micro-flow system. <i>New Journal of Chemistry</i> , 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. <i>Analytical Methods</i> , 2014, 6, 7956-7966.	1.3	15
17	Fluorescence enhancement of CdTe MPA-capped quantum dots by glutathione for hydrogen peroxide determination. <i>Talanta</i> , 2014, 122, 157-165.	2.9	41
18	Chemiluminometric determination of ascorbic acid in pharmaceutical formulations exploiting photoactivation of GSH-capped CdTe quantum dots. <i>Luminescence</i> , 2014, 29, 901-907.	1.5	17

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