Dung T Nguyen

List of Publications by Year
in descending order

30	1,131	516710 16	477307 29
papers	citations	h-index	g-index

30	30	30	1833
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modified Electrodes Used for Electrochemical Detection of Metal Ions in Environmental Analysis. Biosensors, 2015, 5, 241-275.	4.7	264
2	An electrochemical ELISA-like immunosensor for miRNAs detection based on screen-printed gold electrodes modified with reduced graphene oxide and carbon nanotubes. Biosensors and Bioelectronics, 2014, 62, 25-30.	10.1	110
3	Mechanism for protection of iron corrosion by an intrinsically electronic conducting polymer. Journal of Electroanalytical Chemistry, 2004, 572, 225-234.	3.8	93
4	Accelerated degradation of water borne acrylic nanocomposites used in outdoor protective coatings. Polymer Degradation and Stability, 2016, 128, 65-76.	5.8	80
5	Aniline electropolymerization on platinum and mild steel from neutral aqueous media. Journal of Electroanalytical Chemistry, 2000, 485, 13-20.	3.8	74
6	Development of interdigitated arrays coated with functional polyaniline/MWCNT for electrochemical biodetection: Application for human papilloma virus. Talanta, 2011, 85, 1560-1565.	5.5	58
7	A label-free electrochemical immunosensor for direct, signal-on and sensitive pesticide detection. Biosensors and Bioelectronics, 2012, 31, 62-68.	10.1	55
8	Anodic stripping voltammetric determination of Cd2+ and Pb2+ using interpenetrated MWCNT/P1,5-DAN as an enhanced sensing interface. Ionics, 2015, 21, 571-578.	2.4	53
9	Development of label-free electrochemical lactose biosensor based on graphene/poly(1,5-diaminonaphthalene) film. Current Applied Physics, 2016, 16, 135-140.	2.4	39
10	Modified interdigitated arrays by novel poly(1,8-diaminonaphthalene)/carbon nanotubes composite for selective detection of mercury(II). Talanta, 2011, 85, 2445-2450.	5.5	35
11	Device to Study Electrochemistry of Iron at a Defect of Protective Coating of Electronic Conducting Polymer. Electrochemical and Solid-State Letters, 2003, 6, B25.	2.2	33
12	Sodium Dodecyl Sulfate Doped Polyaniline for Enhancing the Electrochemical Sensitivity of Mercury Ions. Electroanalysis, 2017, 29, 595-601.	2.9	28
13	Investigation of the charge effect on the electrochemical transduction in a quinone-based DNA sensor. Electrochimica Acta, 2008, 54, 346-351.	5.2	23
14	Oneâ€step Electrosynthesis of Poly(1,5â€diaminonaphthalene)/Graphene Nanocomposite as Platform for Lead Detection in Water. Electroanalysis, 2016, 28, 1907-1913.	2.9	22
15	Facile synthesis of multifunctional Ag/Fe3O4-CS nanocomposites for antibacterial and hyperthermic applications. Current Applied Physics, 2015, 15, 1482-1487.	2.4	19
16	Electrosynthesized poly(1,5-diaminonaphthalene)/polypyrrole nanowires bilayer as an immunosensor platform for breast cancer biomarker CA 15-3. Current Applied Physics, 2017, 17, 1422-1429.	2.4	18
17	Direct Ink Writing of Grapheneâ€“Cobalt Ferrite Hybrid Nanomaterial for Supercapacitor Electrodes. Journal of Electronic Materials, 2020, 49, 4671-4679.	2.2	16
18	Conducting Polymers and Corrosion PPyâ€”PPy-PDAN Composite Films. Journal of the Electrochemical Society, 2004, 151, B325.	2.9	15

#	Article	IF	Citations
19	Portable cholesterol detection with polyaniline-carbon nanotube film based interdigitated electrodes. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2012, 3, 015004.	1.5	15
20	Labelâ€Free Electrochemical Immunoaffinity Sensor Based on Impedimetric Method for Pesticide Detection. Electroanalysis, 2013, 25, 664-670.	2.9	14
21	Electrosynthesis of polyanilineâ€“mutilwalled carbon nanotube nanocomposite films in the presence of sodium dodecyl sulfate for glucose biosensing. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2013, 4, 025014.	1.5	13
22	Synthesis and antibacterial properties of a novel magnetic nanocomposite prepared from spent pickling liquors and polyguanidine. RSC Advances, 2018, 8, 19707-19712.	3.6	10
23	Electro-Immobilization of Acetylcholinesterase Using Polydopamine for Carbaryl Microsensor. Journal of Electronic Materials, 2018, 47, 1686-1693.	2.2	9
24	Effect of cyclodextrin types and reagents solvation on the stability of complexes between B-cyclodextrins and rutin in water-ethanol solvents. Journal of Molecular Liquids, 2020, 318, 114308.	4.9	9
25	Design of interpenetrated network MWCNT/poly(1,5-DAN) on interdigital electrode: Toward NO2 gas sensing. Talanta, 2013, 115, 713-717.	5.5	8
26	Hostâ€“guest inclusion complex of Î²-cyclodextrin and benzoic acid in waterâ€“ethanol solvents: spectroscopic and thermodynamic characterization of complex formation. Journal of Thermal Analysis and Calorimetry, 2020, 142, 2015-2024.	3.6	6
27	Functionalization of reduced graphene oxide by electroactive polymer for biosensing applications. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2014, 5, 035005.	1.5	5
28	Poly(1,5-Diaminonaphthalene)-Modified Screen-Printed Device for Electrochemical Lead Ion Sensing. Advances in Polymer Technology, 2021, 2021, 1-8.	1.7	5
29	SYNTHESIS OF MAGNETIC NANOPARTICLES FROM SPENT PICKING LIQUORS IN AQUEOUS SATURATED SOLUTION OF CALCIUM HYDROXIDE. ChemChemTech, 2018, 61, 59-63.	0.3	1
30	Surface Modification of Fly Ash by Poly(1,5-Diaminonaphthalene) for Removal of Hexavalent Chromium from Water. Journal of Surface Science and Technology, 2018, 34, 129-135.	0.3	1