Kathleen Moineau Chane-Ching

List of Publications by Year
in descending order

64	1,920	304743	254184
papers	citations	22 h-index	43 g-index

65	65	65	2076
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Usefulness of Trivalent Phosphorus for the Synthesis of Dendrimers. Molecules, 2021, 26, 269.	3.8	4
2	First Class of Phosphorus Dendritic Compounds Containing Î²-Cyclodextrin Units in the Periphery Prepared by CuAAC. Molecules, 2020, 25, 4034.	3.8	6
3	Î²â€Cyclodextrin PAMAM Dendrimer: How to Overcome the Tumbling Process for Getting Fully Available Host Cavities. European Journal of Organic Chemistry, 2020, 2020, 1114-1121.	2.4	14
4	Fluorescent phosphorus dendrimers excited by two photons: synthesis, two-photon absorption properties and biological uses. Beilstein Journal of Organic Chemistry, 2019, 15, 2287-2303.	2.2	9
5	Electrosynthesis of thin films of polythiophenes containing pyrene groups and flexible spacers, useful in the preparation of graphene polymer composites. MRS Advances, 2019, 4, 3233-3242.	0.9	1
6	Ï€â€Stacking Interactions of Grapheneâ€Coated Cobalt Magnetic Nanoparticles with Pyreneâ€Tagged Dendritic Poly(Vinylidene Fluoride). ChemPlusChem, 2019, 84, 78-84.	2.8	12
7	Enhancement of quantum efficiency by co-adsorbing small julolidine dye and bulky triphenylamine dye in dye-sensitized solar cells. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 356, 403-410.	3.9	7
8	Multistimuliâ€Responsive Materials from Benzothiadiazoleâ€Based Chargeâ€Transfer Chromophores: Interdependence of Optical Properties and Aggregation. ChemPhotoChem, 2018, 2, 1027-1037.	3.0	12
9	Dissymmetrization of Benzothiadiazole by Direct Câ€“H Arylation: A Way to Symmetrical and Unsymmetrical Elongated Ï€â€Conjugated Molecules. European Journal of Organic Chemistry, 2017, 2017, 6872-6877.	2.4	3
10	Spectroscopic Investigation and Theoretical Modeling of Benzothiadiazole-Based Charge-Transfer Chromophores: From Solution to Nanoaggregates. Journal of Physical Chemistry C, 2017, 121, 17466-17478.	3.1	26
11	Nanoscale investigations on interchain organization in thin films of polymer-liquid crystal blend. Journal of Chemical Physics, 2017, 147, 014701.	3.0	3
12	Synthesis and Characterization of Novel Polythiophenes Containing Pyrene Chromophores: Thermal, Optical and Electrochemical Properties. Molecules, 2016, 21, 172.	3.8	32
13	Cyclotriphosphazene, an old compound applied to the synthesis of smart dendrimers with tailored properties. Pure and Applied Chemistry, 2016, 88, 919-929.	1.9	14
14	Synthesis of benzothiadiazole-based molecules via direct arylation: an eco-friendly way of obtaining small semi-conducting organic molecules. New Journal of Chemistry, 2016, 40, 7326-7337.	2.8	27
15	Cross Kelvin force microscopy and conductive atomic force microscopy studies of organic bulk heterojunction blends for local morphology and electrical behavior analysis. Journal of Applied Physics, 2015, 117, .	2.5	8
16	Chain ordering of regioregular polythiophene films through blending with a nickel bisdithiolene complex. Applied Physics Letters, 2014, 104, 103302.	3.3	5
17	Heteroleptic Bis(cis-1,2-disubstituted ethylene-1,2-dithiolato)nickel Complexes Obtained by Ligand-Exchange Reaction: Synthesis and Properties. Inorganic Chemistry, 2014, 53, 2841-2847.	4.0	9
18	Synthesis, X-ray crystal structures, optical properties and modelling data of neutral bis(1,2-dithiolene) nickel complexes of the â€œnon-cyclic SRâ€•family. New Journal of Chemistry, 2012, 36, 2033.	2.8	2

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19	Discotic Nickel Bis(dithiolene) Complexes - Synthesis, Optoelectrochemical and Mesomorphic Properties. European Journal of Inorganic Chemistry, 2011, 2011, 2663-2676.	2.0	18
20	Structural and optical properties of a neutral Nickel bisdithiolene complex: density functional versus ab initio methods. Theoretical Chemistry Accounts, 2010, 126, 243-255.	1.4	15
21	Neutral d8 metal bis-dithiolene complexes: Synthesis, electronic properties and applications. Coordination Chemistry Reviews, 2010, 254, 1457-1467.	18.8	145
22	Synthesis and preliminary physical properties of new neutral tetraalkoxy-substituted nickel bis(1,2-dithiolene) complexes. New Journal of Chemistry, 2010, 34, 337-347.	2.8	23
23	Paramagnetic pyrrole-based semiconductor molecular material. Journal of Solid State Electrochemistry, 2009, 13, 231-238.	2.5	23
24	Electrochemical properties and electronic structures of two neutral nickel bis(1,2-dithiolene) complexes. Journal of Electroanalytical Chemistry, 2008, 624, 84-90.	3.8	14
25	Ultrafast Electrosynthesis of High Hydrophobic Polypyrrole Coatings on a Zinc Electrode: Applications to the Protection against Corrosion. Chemistry of Materials, 2008, 20, 4447-4456.	6.7	78
26	Polyether-based polyrotaxane synthesis with controlled Î²-cyclodextrin threading ratio. Polymer, 2007, 48, 3612-3615.	3.8	15
27	Hostâ€“guest complexes of phenol derivatives with Î²-cyclodextrin: an experimental and theoretical investigation. Journal of Physical Organic Chemistry, 2007, 20, 30-43.	1.9	38
28	Intrachain Electron Transfer in Conducting Oligomers and Polymers:Â The Mixed Valence Approach. Journal of the American Chemical Society, 2006, 128, 7264-7276.	13.7	64
29	A novel fluorescent, conducting polymer: Poly[1-(thiophene-2-yl)benzothieno[3,2-b]benzothiophene] electrosynthesis, characterization and optical properties. Synthetic Metals, 2006, 156, 256-269.	3.9	23
30	Electrochemical synthesis of polypyrrole films on copper electrodes in acidic and neutral aqueous media. Journal of Electroanalytical Chemistry, 2006, 587, 67-78.	3.8	68
31	Electropolymerization of cyclodextrin/4-aminobiphenyl inclusion complex generating water-soluble pseudo-oligorotaxanes in their oxidized state. Journal of Electroanalytical Chemistry, 2005, 579, 125-131.	3.8	7
32	Novel conducting polymers based on thieno[3,2-b]indoles: Electrochemical properties and molecular structure. Journal of Electroanalytical Chemistry, 2005, 581, 93-103.	3.8	25
33	Interpretation of the ultra-fast electropolymerization of pyrrole in aqueous media on zinc in a one-step process: The specific role of the salicylate salt investigated by X-ray photoelectron spectroscopy (XPS) and by electrochemical quartz crystal microbalance (EQCM). Journal of Electroanalytical Chemistry, 2005, 581, 111-121.	3.8	17
34	A new polymer based on a conjugated terthiophene-Î²-diketone ligand: electrochemical study and structural aspects. Electrochimica Acta, 2005, 50, 1475-1480.	5.2	3
35	Conducting Polymer Electrochemical Switching as an Easy Means for Designing Active Plasmonic Devices. Journal of the American Chemical Society, 2005, 127, 16022-16023.	13.7	122
36	Polythienobenzothiophenes, a new family of electroactive polymers: electrosynthesis, spectral characterization and modelling. Journal of Materials Chemistry, 2004, 14, 1711.	6.7	35

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37	Synthesis and optical properties of novel 1,3-propanedione bearing oligothiophene substituents. Synthetic Metals, 2004, 147, 183-189.	3.9	18
38	New conjugated polymerizable pyrrole and 2,5-dithienylpyrrole azobenzene dyes: synthesis and spectroelectrochemical properties. New Journal of Chemistry, 2003, 27, 798-804.	2.8	30
39	Synthesis of 2,5-di(2-thienyl)-1H-pyrrole N-linked with conjugated bridges. Tetrahedron, 2002, 58, 3467-3472.	1.9	79
40	Electrochemical oxidation of dipyrrolyl derivatives: application to the formation of reticulated conducting polymers with conjugated spacers. Electrochimica Acta, 2001, 46, 3279-3285.	5.2	11
41	Bithiophene electropolymerization in aqueous media: a specific effect of SDS and Î²-cyclodextrin. Electrochimica Acta, 2001, 46, 3985-3992.	5.2	14
42	Electrochemical and pH control of the complexation/decomplexation of 4-amino-N,N-diphenylamine with Î²-cyclodextrin. Journal of Electroanalytical Chemistry, 2000, 482, 156-167.	3.8	21
43	Aniline electropolymerization on mild steel and zinc in a two-step process. Journal of Electroanalytical Chemistry, 2000, 481, 76-81.	3.8	96
44	Macroscopic modulation of the Ï€-electron density of pendant groups grafted on conductive polymers. Synthetic Metals, 2000, 108, 237-243.	3.9	18
45	Polymer chain encapsulation followed by a quartz microbalance during electropolymerization of bithiophene-Î²-cyclodextrin hostâ€“guest compounds in aqueous solution. Journal of Electroanalytical Chemistry, 1999, 476, 1-14.	3.8	15
46	Anodic oxidation of dipyrrolyls linked with conjugated spacers: study of electronic interactions between the polypyrrole chain and the spacers. Journal of Electroanalytical Chemistry, 1999, 479, 3-11.	3.8	19
47	Poly(3â€²,4â€²-[bis(N,Nâ€²-ethyloxamyl)]terthiophene): A new functionalized conductive polymer with tunable pendent ethyloxamyl substituents. Physical Chemistry Chemical Physics, 1999, 1, 2755-2760.	2.8	7
48	Electropolymerization of hydrophobic dipyrrolyls in aqueous medium based on inclusion chemistry. Journal of Materials Chemistry, 1999, 9, 1065-1070.	6.7	8
49	Hostâ€“guest complexation: a convenient route to polybithiophene composites by electrosynthesis in aqueous media. Synthesis and characterization of a new material containing cyclodextrins. Journal of Materials Chemistry, 1999, 9, 2351-2358.	6.7	51
50	Host-guest complexation: a general strategy for electrosynthesis of conductive polymers. Synthetic Metals, 1999, 102, 1538-1539.	3.9	13
51	Electropolymerization of Hydrophobic Monomers in Aqueous Medium via Water Soluble Inclusion Compounds. Synthetic Metals, 1999, 101, 27-28.	3.9	2
52	Modulating the electronic properties of pendant groups through the redox switching reaction of a conjugated polymer. Synthetic Metals, 1999, 102, 1315-1316.	3.9	4
53	Electrodeposition of polyaniline on mild steel in a two step process. Synthetic Metals, 1999, 102, 1386-1387.	3.9	14
54	Anodic oxidation of dipyrrolyls linked with flexible or rigid spacers: study of the electropolymerization mode. Journal of Electroanalytical Chemistry, 1998, 453, 139-149.	3.8	25

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55	Electrosynthesis of adherent polyaniline films on iron and mild steel in aqueous oxalic acid medium. Synthetic Metals, 1998, 93, 133-142.	3.9	229
56	Une pompe Ã©lectrochimique : diffusion active Ã travers une membrane de polypyrrole. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1998, 95, 1498-1501.	0.2	1
57	Modulation des propriÃ©tÃ©s Ã©lectroniques de groupes pendants par l'intermÃ©diaire des polymÃ¨res conducteurs. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1998, 95, 1535-1538.	0.2	8
58	Synthesis and characterization of polymers containing 4-cyanobiphenyl-based side groups for nonlinear optical applications, 3. Poly(p-chloromethylstyrene) derivatives. Macromolecular Chemistry and Physics, 1997, 198, 1665-1678.	2.2	17
59	Electrodeposition of protective polyaniline films on mild steel. Journal of Electroanalytical Chemistry, 1996, 416, 179-182.	3.8	118
60	Non-linear optical properties of polymers bearing pendent phosphine oxide chromophores. Chemical Physics Letters, 1995, 242, 598-603.	2.6	8
61	Quadratic non-linear optical properties of N-(4-nitrostilbenyl) (S) prolinol. Chemical Physics Letters, 1993, 213, 71-74.	2.6	1
62	Second-Order optical non-linearities of {4-(dimethylamino) stilben z & e 4'-yl} dimesityl borane. Advanced Materials for Optics and Electronics, 1992, 1, 243-247.	0.4	44
63	A new zwitterionic salt for non-linear optics: {4â€²-[methyl(diphenyl)phosphonio]biphenyl-4-yl}triphenylborate. Journal of the Chemical Society, Faraday Transactions, 1991, 87, 2225-2228.	1.7	20
64	Trivalent boron as acceptor chromophore in asymmetrically substituted 4,4â€²-biphenyl and azobenzene for non-linear optics. Journal of Materials Chemistry, 1991, 1, 997-999.	6.7	102