

# Kathleen Moineau Chane-Ching

## List of Publications by Year in descending order

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64  
papers

1,920  
citations

304743

22  
h-index

254184

43  
g-index

65  
all docs

65  
docs citations

65  
times ranked

2076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrosynthesis of adherent polyaniline films on iron and mild steel in aqueous oxalic acid medium. <i>Synthetic Metals</i> , 1998, 93, 133-142.	3.9	229
2	Neutral d8 metal bis-dithiolene complexes: Synthesis, electronic properties and applications. <i>Coordination Chemistry Reviews</i> , 2010, 254, 1457-1467.	18.8	145
3	Conducting Polymer Electrochemical Switching as an Easy Means for Designing Active Plasmonic Devices. <i>Journal of the American Chemical Society</i> , 2005, 127, 16022-16023.	13.7	122
4	Electrodeposition of protective polyaniline films on mild steel. <i>Journal of Electroanalytical Chemistry</i> , 1996, 416, 179-182.	3.8	118
5	Trivalent boron as acceptor chromophore in asymmetrically substituted 4,4'-biphenyl and azobenzene for non-linear optics. <i>Journal of Materials Chemistry</i> , 1991, 1, 997-999.	6.7	102
6	Aniline electropolymerization on mild steel and zinc in a two-step process. <i>Journal of Electroanalytical Chemistry</i> , 2000, 481, 76-81.	3.8	96
7	Synthesis of 2,5-di(2-thienyl)-1H-pyrrole N-linked with conjugated bridges. <i>Tetrahedron</i> , 2002, 58, 3467-3472.	1.9	79
8	Ultrafast Electrosynthesis of High Hydrophobic Polypyrrole Coatings on a Zinc Electrode: Applications to the Protection against Corrosion. <i>Chemistry of Materials</i> , 2008, 20, 4447-4456.	6.7	78
9	Electrochemical synthesis of polypyrrole films on copper electrodes in acidic and neutral aqueous media. <i>Journal of Electroanalytical Chemistry</i> , 2006, 587, 67-78.	3.8	68
10	Intrachain Electron Transfer in Conducting Oligomers and Polymers: The Mixed Valence Approach. <i>Journal of the American Chemical Society</i> , 2006, 128, 7264-7276.	13.7	64
11	Host-guest complexation: a convenient route to polybithiophene composites by electrosynthesis in aqueous media. Synthesis and characterization of a new material containing cyclodextrins. <i>Journal of Materials Chemistry</i> , 1999, 9, 2351-2358.	6.7	51
12	Second-Order optical non-linearities of {4-(dimethylamino) stilben z & e 4'-yl} dimesityl borane. <i>Advanced Materials for Optics and Electronics</i> , 1992, 1, 243-247.	0.4	44
13	Host-guest complexes of phenol derivatives with $\beta$ -cyclodextrin: an experimental and theoretical investigation. <i>Journal of Physical Organic Chemistry</i> , 2007, 20, 30-43.	1.9	38
14	Polythienobenzothiophenes, a new family of electroactive polymers: electrosynthesis, spectral characterization and modelling. <i>Journal of Materials Chemistry</i> , 2004, 14, 1711.	6.7	35
15	Synthesis and Characterization of Novel Polythiophenes Containing Pyrene Chromophores: Thermal, Optical and Electrochemical Properties. <i>Molecules</i> , 2016, 21, 172.	3.8	32
16	New conjugated polymerizable pyrrole and 2,5-dithienylpyrrole azobenzene dyes: synthesis and spectroelectrochemical properties. <i>New Journal of Chemistry</i> , 2003, 27, 798-804.	2.8	30
17	Synthesis of benzothiadiazole-based molecules via direct arylation: an eco-friendly way of obtaining small semi-conducting organic molecules. <i>New Journal of Chemistry</i> , 2016, 40, 7326-7337.	2.8	27
18	Spectroscopic Investigation and Theoretical Modeling of Benzothiadiazole-Based Charge-Transfer Chromophores: From Solution to Nanoaggregates. <i>Journal of Physical Chemistry C</i> , 2017, 121, 17466-17478.	3.1	26

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19	Anodic oxidation of dipyrrolys linked with flexible or rigid spacers: study of the electropolymerization mode. <i>Journal of Electroanalytical Chemistry</i> , 1998, 453, 139-149.	3.8	25
20	Novel conducting polymers based on thieno[3,2-b]indoles: Electrochemical properties and molecular structure. <i>Journal of Electroanalytical Chemistry</i> , 2005, 581, 93-103.	3.8	25
21	A novel fluorescent, conducting polymer: Poly[1-(thiophene-2-yl)benzothieno[3,2-b]benzothiophene] electrosynthesis, characterization and optical properties. <i>Synthetic Metals</i> , 2006, 156, 256-269.	3.9	23
22	Paramagnetic pyrrole-based semiconductor molecular material. <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 231-238.	2.5	23
23	Synthesis and preliminary physical properties of new neutral tetraalkoxy-substituted nickel bis(1,2-dithiolene) complexes. <i>New Journal of Chemistry</i> , 2010, 34, 337-347.	2.8	23
24	Electrochemical and pH control of the complexation/decomplexation of 4-amino-N,N-diphenylamine with $\beta$ -cyclodextrin. <i>Journal of Electroanalytical Chemistry</i> , 2000, 482, 156-167.	3.8	21
25	A new zwitterionic salt for non-linear optics: {4- $\text{C}_2$ -[methyl(diphenyl)phosphonio]biphenyl-4-yl}triphenylborate. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1991, 87, 2225-2228.	1.7	20
26	Anodic oxidation of dipyrrolys linked with conjugated spacers: study of electronic interactions between the polypyrrole chain and the spacers. <i>Journal of Electroanalytical Chemistry</i> , 1999, 479, 3-11.	3.8	19
27	Macroscopic modulation of the $\pi$ -electron density of pendant groups grafted on conductive polymers. <i>Synthetic Metals</i> , 2000, 108, 237-243.	3.9	18
28	Synthesis and optical properties of novel 1,3-propanedione bearing oligothiophene substituents. <i>Synthetic Metals</i> , 2004, 147, 183-189.	3.9	18
29	Discotic Nickel Bis(dithiolene) Complexes - Synthesis, Optoelectrochemical and Mesomorphic Properties. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2663-2676.	2.0	18
30	Synthesis and characterization of polymers containing 4-cyanobiphenyl-based side groups for nonlinear optical applications, 3. Poly(p-chloromethylstyrene) derivatives. <i>Macromolecular Chemistry and Physics</i> , 1997, 198, 1665-1678.	2.2	17
31	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). <i>Journal of Electroanalytical Chemistry</i> , 2005, 581, 111-121.	3.8	17
32	Polymer chain encapsulation followed by a quartz microbalance during electropolymerization of bithiophene- $\beta$ -cyclodextrin host-guest compounds in aqueous solution. <i>Journal of Electroanalytical Chemistry</i> , 1999, 476, 1-14.	3.8	15
33	Polyether-based polyrotaxane synthesis with controlled $\beta$ -cyclodextrin threading ratio. <i>Polymer</i> , 2007, 48, 3612-3615.	3.8	15
34	Structural and optical properties of a neutral Nickel bisdithiolene complex: density functional versus ab initio methods. <i>Theoretical Chemistry Accounts</i> , 2010, 126, 243-255.	1.4	15
35	Electrodeposition of polyaniline on mild steel in a two step process. <i>Synthetic Metals</i> , 1999, 102, 1386-1387.	3.9	14
36	Bithiophene electropolymerization in aqueous media: a specific effect of SDS and $\beta$ -cyclodextrin. <i>Electrochimica Acta</i> , 2001, 46, 3985-3992.	5.2	14

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37	Electrochemical properties and electronic structures of two neutral nickel bis(1,2-dithiolene) complexes. <i>Journal of Electroanalytical Chemistry</i> , 2008, 624, 84-90.	3.8	14
38	Cyclotriphosphazene, an old compound applied to the synthesis of smart dendrimers with tailored properties. <i>Pure and Applied Chemistry</i> , 2016, 88, 919-929.	1.9	14
39	β-Cyclodextrin PAMAM Dendrimer: How to Overcome the Tumbling Process for Getting Fully Available Host Cavities. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1114-1121.	2.4	14
40	Host-guest complexation: a general strategy for electrosynthesis of conductive polymers. <i>Synthetic Metals</i> , 1999, 102, 1538-1539.	3.9	13
41	Multistimuli-Responsive Materials from Benzothiadiazole-Based Charge-Transfer Chromophores: Interdependence of Optical Properties and Aggregation. <i>ChemPhotoChem</i> , 2018, 2, 1027-1037.	3.0	12
42	π-Stacking Interactions of Graphene-Coated Cobalt Magnetic Nanoparticles with Pyrene-Tagged Dendritic Poly(Vinylidene Fluoride). <i>ChemPlusChem</i> , 2019, 84, 78-84.	2.8	12
43	Electrochemical oxidation of dipyrrolyl derivatives: application to the formation of reticulated conducting polymers with conjugated spacers. <i>Electrochimica Acta</i> , 2001, 46, 3279-3285.	5.2	11
44	Heteroleptic Bis(cis-1,2-disubstituted ethylene-1,2-dithiolato)nickel Complexes Obtained by Ligand-Exchange Reaction: Synthesis and Properties. <i>Inorganic Chemistry</i> , 2014, 53, 2841-2847.	4.0	9
45	Fluorescent phosphorus dendrimers excited by two photons: synthesis, two-photon absorption properties and biological uses. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2287-2303.	2.2	9
46	Non-linear optical properties of polymers bearing pendent phosphine oxide chromophores. <i>Chemical Physics Letters</i> , 1995, 242, 598-603.	2.6	8
47	Electropolymerization of hydrophobic dipyrrolys in aqueous medium based on inclusion chemistry. <i>Journal of Materials Chemistry</i> , 1999, 9, 1065-1070.	6.7	8
48	Cross Kelvin force microscopy and conductive atomic force microscopy studies of organic bulk heterojunction blends for local morphology and electrical behavior analysis. <i>Journal of Applied Physics</i> , 2015, 117, .	2.5	8
49	Modulation des propriétés électroniques de groupes pendants par l'intermédiaire des polymères conducteurs. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1998, 95, 1535-1538.	0.2	8
50	Poly(3,4-bis(N-ethyloxamyl)terthiophene): A new functionalized conductive polymer with tunable pendent ethyloxamyl substituents. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 2755-2760.	2.8	7
51	Electropolymerization of cyclodextrin/4-aminobiphenyl inclusion complex generating water-soluble pseudo-oligorotaxanes in their oxidized state. <i>Journal of Electroanalytical Chemistry</i> , 2005, 579, 125-131.	3.8	7
52	Enhancement of quantum efficiency by co-adsorbing small julolidine dye and bulky triphenylamine dye in dye-sensitized solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 356, 403-410.	3.9	7
53	First Class of Phosphorus Dendritic Compounds Containing β-Cyclodextrin Units in the Periphery Prepared by CuAAC. <i>Molecules</i> , 2020, 25, 4034.	3.8	6
54	Chain ordering of regioregular polythiophene films through blending with a nickel bisdithiolene complex. <i>Applied Physics Letters</i> , 2014, 104, 103302.	3.3	5

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55	Modulating the electronic properties of pendant groups through the redox switching reaction of a conjugated polymer. <i>Synthetic Metals</i> , 1999, 102, 1315-1316.	3.9	4
56	The Usefulness of Trivalent Phosphorus for the Synthesis of Dendrimers. <i>Molecules</i> , 2021, 26, 269.	3.8	4
57	A new polymer based on a conjugated terthiophene- $\beta^2$ -diketone ligand: electrochemical study and structural aspects. <i>Electrochimica Acta</i> , 2005, 50, 1475-1480.	5.2	3
58	Dissymmetrization of Benzothiadiazole by Direct C-H Arylation: A Way to Symmetrical and Unsymmetrical Elongated Conjugated Molecules. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6872-6877.	2.4	3
59	Nanoscale investigations on interchain organization in thin films of polymer-liquid crystal blend. <i>Journal of Chemical Physics</i> , 2017, 147, 014701.	3.0	3
60	Electropolymerization of Hydrophobic Monomers in Aqueous Medium via Water Soluble Inclusion Compounds. <i>Synthetic Metals</i> , 1999, 101, 27-28.	3.9	2
61	Synthesis, X-ray crystal structures, optical properties and modelling data of neutral bis(1,2-dithiolene) nickel complexes of the non-cyclic SR family. <i>New Journal of Chemistry</i> , 2012, 36, 2033.	2.8	2
62	Quadratic non-linear optical properties of N-(4-nitrostilbenyl) (S) prolinol. <i>Chemical Physics Letters</i> , 1993, 213, 71-74.	2.6	1
63	Electrosynthesis of thin films of polythiophenes containing pyrene groups and flexible spacers, useful in the preparation of graphene polymer composites. <i>MRS Advances</i> , 2019, 4, 3233-3242.	0.9	1
64	Une pompe électrochimique : diffusion active à travers une membrane de polypyrrole. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1998, 95, 1498-1501.	0.2	1