Celso P De Melo

List of Publications by Year
in descending order

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148 papers	2,992 citations	172457 29 h-index	214800 47 g-index
150 all docs	150 docs citations	150 times ranked	3084 citing authors

#	Article	IF	Citations
1	Efficient removal of Cr (VI) and Cu (II) ions from aqueous media by use of polypyrrole/maghemite and polyaniline/maghemite magnetic nanocomposites. Chemical Engineering Journal, 2015, 281, 826-836.	12.7	196
2	Variationalâ€“perturbational treatment for the polarizabilities of conjugated chains. II. Hyperpolarizabilities of polyenic chains. Journal of Chemical Physics, 1988, 88, 2567-2571.	3.0	117
3	Hierarchical Composite Polyanilineâ€“(Electrospun Polystyrene) Fibers Applied to Heavy Metal Remediation. ACS Applied Materials & Interfaces, 2015, 7, 7231-7240.	8.0	111
4	Non-linear polamzabilities of conjugated chains: regular polyenes, solitons, and polarons. Chemical Physics Letters, 1987, 140, 537-541.	2.6	107
5	Role of disorder in the conduction mechanism in polyanilines. Physical Review Letters, 1989, 63, 786-789.	7.8	103
6	Ab initio finite oligomer method for nonlinear optical properties of conjugated polymers. Effect of electron correlation on the static longitudinal hyperpolarizability of polyacetylene. Chemical Physics Letters, 1995, 244, 59-64.	2.6	95
7	Variationalâ€“perturbational treatment for the polarizabilities of conjugated chains. I. Theory and linearâ€polarizabilities results for polyenes. Journal of Chemical Physics, 1988, 88, 2558-2566.	3.0	82
8	Hartreeâ€“Fock static longitudinal (hyper)polarizability of polyyne. Journal of Chemical Physics, 1996, 104, 8586-8592.	3.0	68
9	Density matrix treatment of localized electronic interactions in molecules and solids. Journal of Chemical Physics, 1981, 75, 4592-4602.	3.0	60
10	Use of conducting polypyrrole blends as gas sensors. Sensors and Actuators B: Chemical, 2005, 109, 348-354.	7.8	60
11	Nanostructured sensor based on carbon nanotubes and clavanin A for bacterial detection. Colloids and Surfaces B: Biointerfaces, 2015, 135, 833-839.	5.0	60
12	An impedimetric biosensor for detection of dengue serotype at picomolar concentration based on gold nanoparticles-polyaniline hybrid composites. Colloids and Surfaces B: Biointerfaces, 2011, 86, 414-419.	5.0	58
13	Fabrication of Highly Flexible Hierarchical Polypyrrole/Carbon Nanotube on Eggshell Membranes for Supercapacitors. ACS Omega, 2017, 2, 2866-2877.	3.5	56
14	A comparative study of the effect of electron correlation in the hyperpolarizability of polyyne, polyacetylene and polypyrrole oligomers. Chemical Physics Letters, 1995, 245, 660-664.	2.6	46
15	Theoretical and experimental investigation of the second hyperpolarizabilities of methyl orange. Journal of Chemical Physics, 2005, 122, 104506.	3.0	46
16	Preparation and electrical and dielectric characterization of PVA/PPY blends. Materials Characterization, 2003, 50, 223-226.	4.4	43
17	Use of PMMA/(rice husk ash)/polypyrrole membranes for the removal of dyes and heavy metal ions. Journal of the Taiwan Institute of Chemical Engineers, 2020, 110, 8-20.	5.3	42
18	Aggregation of methyl orange probed by electrical impedance spectroscopy. Journal of Colloid and Interface Science, 2006, 303, 444-449.	9.4	38

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19	Electrical impedance spectroscopy investigation of surfactantâ€“magnetiteâ€“polypyrrole particles. Journal of Colloid and Interface Science, 2008, 319, 441-449.	9.4	38
20	Study of the Efficiency of Polypyrrole/ZnO Nanocomposites as Additives in Anticorrosion Coatings. Materials Research, 2015, 18, 273-278.	1.3	37
21	Polypyrrole based aroma sensor. Synthetic Metals, 1999, 102, 1296-1299.	3.9	35
22	Diagnosis of dengue infection using a modified gold electrode with hybrid organicâ€“inorganic nanocomposite and Bauhinia monandra lectin. Journal of Colloid and Interface Science, 2011, 362, 517-523.	9.4	35
23	Abinitio polarizability study of polypyrrole. Journal of Chemical Physics, 1995, 102, 8048-8052.	3.0	34
24	Free-grown polypyrrole thin films as aroma sensors. Sensors and Actuators B: Chemical, 2003, 88, 246-259.	7.8	34
25	Use of magnetic polyaniline/maghemite nanocomposite for DNA retrieval from aqueous solutions. Journal of Colloid and Interface Science, 2014, 434, 167-174.	9.4	34
26	LnMOF@PVA nanofiber: energy transfer and multicolor light-emitting devices. Journal of Materials Chemistry C, 2013, 1, 7574.	5.5	33
27	Biosensor based on hybrid nanocomposite and CramoLL lectin for detection of dengue glycoproteins in real samples. Synthetic Metals, 2014, 194, 102-108.	3.9	33
28	Synthesis of fluorescent PVA/polypyrrole-ZnO nanofibers. Journal of Materials Science, 2013, 48, 3652-3658.	3.7	32
29	Impedimetric sensor of bacterial toxins based on mixed (Concanavalin A)/polyaniline films. Colloids and Surfaces B: Biointerfaces, 2014, 117, 549-554.	5.0	32
30	Kinetics and thermodynamic studies of Methyl Orange removal by polyvinylidene fluoride-PEDOT mats. Journal of Environmental Sciences, 2021, 100, 62-73.	6.1	30
31	Ab initio polarizabilities of polyenic chains with conformational defects. Chemical Physics Letters, 1996, 261, 28-34.	2.6	29
32	Electrical properties of PVA/PPY blends. Synthetic Metals, 2003, 135-136, 447-448.	3.9	27
33	(Maghemite/Chitosan/Polypyrrole) nanocomposites for the efficient removal of Cr (VI) from aqueous media. Journal of Environmental Chemical Engineering, 2021, 9, 104893.	6.7	27
34	Immunotherapy for cancer: effects of iron oxide nanoparticles on polarization of tumor-associated macrophages. Nanomedicine, 2021, 16, 2633-2650.	3.3	27
35	Attomolar electrochemical detection of the BCR/ABL fusion gene based on an amplifying self-signal metal nanoparticle-conducting polymer hybrid composite. Colloids and Surfaces B: Biointerfaces, 2016, 148, 576-584.	5.0	25
36	Supercapacitors based on (carbon nanostructure)/PEDOT/(eggshell membrane) electrodes. Journal of Electroanalytical Chemistry, 2020, 856, 113658.	3.8	25

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37	Comparison between local space approximation and finite cluster treatments of chemisorption on metals. Journal of Chemical Physics, 1988, 88, 1019-1025.	3.0	24
38	Electronic properties of polyacene. Physical Review B, 1988, 38, 5430-5437.	3.2	23
39	Gas sensor based on montmorillonite/polypyrrole composites prepared by in situ polymerization in aqueous medium. Sensors and Actuators B: Chemical, 2013, 177, 1115-1121.	7.8	23
40	Polypyrrole thin films gas sensors. Synthetic Metals, 2001, 119, 383-384.	3.9	22
41	Preparation and characterization of polypyrrole/organophilic montmorillonite nanofibers obtained by electrospinning. Journal of Molecular Liquids, 2019, 275, 452-462.	4.9	22
42	Spinel Cobalt Ferrite Nanoparticles for Sensing Phosphate Ions in Aqueous Media and Biological Samples. Langmuir, 2020, 36, 2920-2929.	3.5	22
43	Electrospun polystyrene/graphene oxide fibers applied to the remediation of dye wastewater. Materials Chemistry and Physics, 2022, 276, 125356.	4.0	22
44	Timeâ€resolved picosecond optical nonlinearity and allâ€optical Kerr gate in poly (3â€hexadecylthiophene). Applied Physics Letters, 1996, 69, 2166-2168.	3.3	21
45	Electrospun polystyrene-(emeraldine base) mats as high-performance materials for dye removal from aqueous media. Journal of the Taiwan Institute of Chemical Engineers, 2018, 82, 300-311.	5.3	21
46	Preparation and characterization of nanofibers of polyvinyl alcohol/polyaniline-montmorillonite clay. Journal of Molecular Liquids, 2018, 272, 1070-1076.	4.9	21
47	Metal-polymer hybrid nanomaterial for impedimetric detection of human papillomavirus in cervical specimens. Journal of Pharmaceutical and Biomedical Analysis, 2020, 185, 113249.	2.8	21
48	Magnetic extraction and purification of DNA from whole human blood using a Î³-Fe2O3@Chitosan@Polyaniline hybrid nanocomposite. Carbohydrate Polymers, 2018, 197, 100-108.	10.2	20
49	Comparative study of the electronic structure of conjugated polymers. Solid State Communications, 1984, 50, 389-392.	1.9	19
50	Dielectric spectroscopy of blends of polyvinylalcohol and polypyrrole. Journal of Applied Physics, 2003, 93, 2723-2727.	2.5	19
51	Characterization of ZnO/polyaniline nanocomposites prepared by using surfactant solutions as polymerization media. Journal of Applied Polymer Science, 2012, 125, E141.	2.6	19
52	Local space approximation for treatment of impurities in polymers. Solitons in polyacetylene. Journal of Chemical Physics, 1987, 86, 1624-1631.	3.0	18
53	Saturation effects in the nonlinear-optical susceptibility of poly(3-hexadecylthiophene). Journal of the Optical Society of America B: Optical Physics, 1997, 14, 609.	2.1	18
54	Z-scan measurements of the nonlinear refraction in retinal derivatives. Chemical Physics Letters, 1997, 276, 445-449.	2.6	18

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55	Magnetite/Polypyrrole Hybrid Nanocomposites as a Promising Magnetic Resonance Imaging Contrast Material. Journal of Applied Polymer Science, 2013, 128, 3170-3176.	2.6	18
56	Dielectric study of the adhesion of mesenchymal stem cells from human umbilical cord on a sugarcane biopolymer. Journal of Materials Science: Materials in Medicine, 2014, 25, 229-237.	3.6	18
57	Thermodynamic characterization of the prevailing molecular interactions in mixed floating monolayers of phospholipids and usnic acid. Journal of Colloid and Interface Science, 2006, 298, 145-153.	9.4	16
58	Ultrafast dephasing of localized surface plasmons in colloidal silver nanoparticles: the influence of stabilizing agents. Applied Physics B: Lasers and Optics, 2012, 108, 9-16.	2.2	16
59	Preparation of fluorescent polyaniline nanoparticles in aqueous solutions. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	16
60	Ab initio studies of the polarizabilities of retinal analogs. Journal of Chemical Physics, 1994, 101, 3945-3951.	3.0	15
61	Thin Films of a New Polar Substituted Polypyrrole. Langmuir, 1999, 15, 3273-3278.	3.5	15
62	A novel nucleic acid fluorescent sensing platform based on nanostructured films of intrinsically conducting polymers. Analytica Chimica Acta, 2019, 1047, 214-224.	5.4	15
63	Polypyrrole-coated electrospun polystyrene films as humidity sensors. Talanta, 2021, 234, 122636.	5.5	15
64	Local-space approximation for treatment of chemisorption: Application to a model transition-metal system. Physical Review B, 1987, 35, 7847-7856.	3.2	14
65	Development of impedimetric and optical calcium biosensor by using modified gold electrode with porcine S100A12 protein. Colloids and Surfaces B: Biointerfaces, 2011, 82, 365-370.	5.0	14
66	Impedimetric sensor forLeishmania infantumgenome based on gold nanoparticles dispersed in polyaniline matrix. Journal of Chemical Technology and Biotechnology, 2016, 91, 2810-2816.	3.2	14
67	Use of magnetically disentangled thiolated carbon nanotubes as a label-free impedimetric genosensor for detecting canine Leishmania spp. infection. Carbon, 2017, 117, 33-40.	10.3	14
68	Localized states in polyacetylene. Solid State Communications, 1982, 44, 37-39.	1.9	13
69	Mixed monolayers of Bauhinia monandra and Concanavalin A lectins with phospholipids, part II. Journal of Colloid and Interface Science, 2005, 289, 379-385.	9.4	13
70	Visible luminescence in polyaniline/(gold nanoparticle) composites. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	13
71	Extraction of plasmid DNA by use of a magnetic maghemite-polyaniline nanocomposite. Analytical Biochemistry, 2019, 575, 27-35.	2.4	13
72	Accurate local-space treatment of hydrogen bonding in large systems. International Journal of Quantum Chemistry, 1986, 29, 1209-1222.	2.0	12

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73	Comment on â€œThe hyperpolarizability of trans-butadiene: A critical test case for quantum chemical modelsâ€•[J. Chem. Phys. 106, 1827 (1997)]. Journal of Chemical Physics, 1998, 108, 4355-4357.	3.0	12
74	Semiempirical and ab initio investigation of defects in PPV oligomers. Synthetic Metals, 2001, 121, 1741-1742.	3.9	12
75	Optical and dielectric properties of polypyrrole nanoparticles in a polyvinylalcohol matrix. Synthetic Metals, 2005, 155, 631-634.	3.9	12
76	Use of Electrical Impedance Spectroscopy as a Practical Method of Investigating the Formation of Aggregates in Aqueous Solutions of Dyes and Surfactants. Journal of Physical Chemistry B, 2011, 115, 6903-6908.	2.6	12
77	Molecular hyperpolarizabilities of retinal derivatives. Journal of Chemical Physics, 1999, 111, 5102-5106.	3.0	11
78	Dielectric properties of Bauhinia monandra and Concanavalin A lectin monolayers, part I. Journal of Colloid and Interface Science, 2005, 289, 371-378.	9.4	11
79	Mechanistic Aspects of Peptide-Membrane Interactions Determined by Optical, Dielectric and Piezoelectric Techniques: An Overview. Current Protein and Peptide Science, 2013, 14, 543-555.	1.4	11
80	Polarons in organic conjugated polymers. Solid State Communications, 1984, 52, 99-102.	1.9	10
81	Influence of the nature of the surface of polypyrrole films upon their interaction with volatile organic compounds. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 257-258, 99-103.	4.7	10
82	Preparation and characterization of SDS-stabilized hydrophobic porphyrinic nanoaggregates in water. Journal of Porphyrins and Phthalocyanines, 2012, 16, 267-272.	0.8	10
83	Impedimetric sensor for toxigenic Penicillium sclerotigenum detection in yam based on magnetite-poly(allylamine hydrochloride) composite. Journal of Colloid and Interface Science, 2013, 396, 258-263.	9.4	10
84	Elucidation of mechanisms of interaction of a multifunctional peptide Pa-MAP with lipid membranes. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 2899-2909.	2.6	10
85	Use of magnetic and fluorescent polystyrene/tetraphenylporphyrin/maghemite nanocomposites for the photoinactivation of pathogenic bacteria. Reactive and Functional Polymers, 2015, 96, 39-43.	4.1	10
86	An MNDO study of the CnNH carbenes. Computational and Theoretical Chemistry, 1985, 121, 109-114.	1.5	9
87	Unified treatment of the electronic structure of organic conjugated polymers. International Journal of Quantum Chemistry, 1986, 30, 109-118.	2.0	9
88	Ab Initio nonlinear optical properties of polyacetylene from finite oligomer calculations. Synthetic Metals, 1995, 71, 1671-1674.	3.9	9
89	Quantum chemistry calculation of resveratrol and related stilbenes. Optical Materials, 2003, 21, 455-460.	3.6	9
90	Investigation of the excited states of resveratrol and related molecules. International Journal of Quantum Chemistry, 2003, 95, 213-218.	2.0	9

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91	Dielectric characterization of colloidal solutions of retinoic acid embedded in microspheres of polyvinyl alcohol. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 257-258, 3-7.	4.7	9
92	GalvÃ£oet al. reply. Physical Review Letters, 1990, 65, 527-527.	7.8	8
93	Charge transfer versus isomerization effects on the polarizabilities of retinal analogs. Chemical Physics Letters, 1991, 180, 105-108.	2.6	8
94	Kinetics of polymerization of polypyrrole in dielectric matrices probed by electrical impedance spectroscopy. Synthetic Metals, 2006, 156, 215-218.	3.9	8
95	Ab Initio Study of the Anomalous Solvatochromic Behavior of Large Betaines. Journal of Physical Chemistry A, 2011, 115, 7994-8002.	2.5	8
96	Preparation and characterization of hydrophobic porphyrin nanoaggregates dispersed in polyvinyl alcohol films. Journal of Porphyrins and Phthalocyanines, 2013, 17, 283-288.	0.8	8
97	A dielectric study of interpolymer complexes of polyaniline and DNA. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 471, 139-147.	4.7	8
98	Semi-empirical calculations of hyperpolarizabilities of polyaniline oligomers. Synthetic Metals, 1991, 43, 3751-3754.	3.9	7
99	Low-temperature electrical anisotropy of self-assembled organic films. Physical Review B, 2002, 65, .	3.2	7
100	A new class of pushâ€“pull molecules for molecular electronics. Optical Materials, 2007, 29, 1010-1013.	3.6	7
101	Inverse photoinduced electron transfer in large betaine molecules. Chemical Physics Letters, 2008, 463, 172-177.	2.6	7
102	Langmuirâ^'Blodgett Films of Retinal Derivatives. Langmuir, 1998, 14, 490-496.	3.5	6
103	Photovoltaic Response of Ultrathin Films of Retinal Derivatives. Physica Status Solidi (B): Basic Research, 2002, 232, 50-55.	1.5	6
104	Protein unfolding studied by fluorescence methods and electrical impedance spectroscopy: The cases of Cratylia mollis and Concanavalin A. Colloids and Surfaces B: Biointerfaces, 2011, 88, 100-107.	5.0	6
105	Electrical impedance monitoring of protein unfolding. RSC Advances, 2016, 6, 107644-107652.	3.6	6
106	DNA purification using a novel Î³-Fe2O3/PEDOT hybrid nanocomposite. Analytica Chimica Acta, 2021, 1178, 338762.	5.4	6
107	Preparation and characterization of mixed character Langmuir-Blodgett films of poly-hexa-decylthiophene. Synthetic Metals, 1995, 71, 2083-2084.	3.9	5
108	Photoisomerization Studies in Langmuir Films of Retinal Derivatives. Molecular Crystals and Liquid Crystals, 2002, 374, 549-554.	0.9	5

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109	Ultrathin Conducting Polymer Films as Sensors of Volatile Compounds. Molecular Crystals and Liquid Crystals, 2002, 374, 543-548.	0.9	5
110	Thermal effects on the electrical properties of (methyl orange)/ (polyvinyl alcohol) composites. Journal of Applied Physics, 2007, 101, 084113.	2.5	5
111	On the fluorescence of pyrrole derivative oligomer. Materials Science and Engineering C, 2008, 28, 1076-1081.	7.3	5
112	Polarizabilities of defect-bearing polyenic chains. Synthetic Metals, 1997, 85, 1085-1086.	3.9	4
113	<title>Nonlinear optical properties of organic materials</title>. , 1999, , .		4
114	Thermodynamic investigation of mixed monolayers of trans-dehydrocrotonin and phospholipids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 358, 42-49.	4.7	4
115	Polyanilineâ€“polystyrene membrane for simple and efficient retrieval of double-stranded DNA from aqueous media. RSC Advances, 2016, 6, 104566-104574.	3.6	4
116	Association between p21 Ser31Arg polymorphism and the development of cervical lesion in women infected with high risk HPV. Tumor Biology, 2016, 37, 10935-10941.	1.8	4
117	Simple and Fast Picomolar Detection of Ochratoxin A Using a Reusable Label Free Aptasensor Built with a Layerâ€byâ€layer Procedure. Electroanalysis, 2017, 29, 2268-2275.	2.9	4
118	Electroluminescent devices made of LB deposited poly(3-hexadecylthiophene). Synthetic Metals, 1999, 102, 1131.	3.9	3
119	Dielectric anisotropy and photoinduced voltage in Langmuirâ€“Blodgett films of retinal derivatives. Journal of Applied Physics, 2003, 93, 2198-2201.	2.5	3
120	Comparison of the interfacial properties of Eugenia uniflora and Triticum vulgaris lectins. Colloids and Surfaces B: Biointerfaces, 2009, 68, 7-12.	5.0	3
121	Non-Coherent Charge Transport in Donorâ€“Acceptor Systems: A Self-Consistent Description of the Intramolecular Charge Flow. Journal of Physical Chemistry C, 2012, 116, 3122-3131.	3.1	3
122	Real-time monitoring of amyloid fibrillation by electrical impedance spectroscopy. Colloids and Surfaces B: Biointerfaces, 2017, 160, 724-731.	5.0	3
123	A new biocompatible silver/polypyrrole composite with in vitro antitumor activity. Materials Science and Engineering C, 2021, 128, 112314.	7.3	3
124	Self-consistent calculation of solitons in polyacetylene. Synthetic Metals, 1987, 17, 23-26.	3.9	2
125	Alternative electrostatic potential formalism for the polarizabilities of long finite chains of conjugated polymers. Synthetic Metals, 1995, 71, 1695-1696.	3.9	2
126	Spin-polarization effects in (AB2)npolymeric chains. Physical Review B, 1996, 53, 16258-16264.	3.2	2

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127	Low temperature behavior of the resistivity of thin organic films. Synthetic Metals, 2001, 121, 1429-1430.	3.9	2
128	A Simple HPV 18 Detection Method Based on Ultra Specific Primer Immobilized on Glass Slides. Journal of Clinical Laboratory Analysis, 2013, 27, 143-147.	2.1	2
129	Vertical assembly of few-layer graphene decorated with iron oxide nanoparticles on gold surfaces. RSC Advances, 2016, 6, 94256-94262.	3.6	2
130	Multifunctional polyaniline hybrid nanofiber with YVO4 (Er2%;Yb8%). Journal of Molecular Liquids, 2018, 271, 970-975.	4.9	2
131	Generalized Breit-Wigner treatment of molecular transport: Charging effects in a single decanedithiol molecule. Journal of Chemical Physics, 2018, 148, 194304.	3.0	2
132	Intrinsically conductive polymers hybrid bilayer films for the fluorescence molecular diagnosis of the Zika virus. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112120.	5.0	2
133	Magnetic impurities in (AB2)n polymeric chains. Synthetic Metals, 1995, 71, 1805-1806.	3.9	1
134	Non variable range hopping transport on doped polypyrrole films. Synthetic Metals, 1995, 69, 347-348.	3.9	1
135	Doping effect upon the molecular order of thin films of conducting polymers. Synthetic Metals, 1999, 101, 385.	3.9	1
136	A comparative study of the hyperpolarizabilities of solitonic chains. Synthetic Metals, 1999, 102, 1584.	3.9	1
137	Study of the interface effects of a free-grown polypyrrole layer in PPV OLEDs. Synthetic Metals, 2001, 121, 1727-1728.	3.9	1
138	Semiempirical/CI of the Excited States Characterization of Retinal Molecules. Molecular Crystals and Liquid Crystals, 2002, 374, 555-560.	0.9	1
139	Pattern recognition of gases of petroleum based on RBF model. , 0, , .		1
140	Sensors of volatile compounds based on the dielectric relaxation of organic molecules. Sensors and Actuators B: Chemical, 2006, 115, 542-546.	7.8	1
141	On the separability of the extended molecule: Constructing the best localized molecular orbitals for an organic molecule bridging two model electrodes. Journal of Chemical Physics, 2014, 141, 124712.	3.0	1
142	Elucidating the Reaction Kinetics of Hydrophobic Porphyrin Nanoaggregates Dispersed in PVA Films Exposed to HCl Vapors. International Journal of Chemical Kinetics, 2015, 47, 113-123.	1.6	1
143	Entanglement and Electronic Correlation in Polycyclic Aromatic Molecules. Brazilian Journal of Physics, 2017, 47, 575-582.	1.4	1
144	Temperature and Frequency Dependence of the Electrical Properties of Thin Organic Films. Molecular Crystals and Liquid Crystals, 2002, 374, 527-536.	0.9	0

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145	A quantum chemical approach to the molecular conductance problem. , 2012, , .		0
146	DNA/polyaniline/gold nanocomposites: An electrical overview. , 2015, , .		0
147	Synthesis of ZnO Nanoparticles Doped with Cobalt: Influence of Doping on the Magnetic and Fluorescent Properties. Materials Science Forum, 2016, 869, 982-986.	0.3	0
148	Study of the Efficiency of Ag-SiO₂ Nanoparticles as Additives in Anticorrosion Coatings. Materials Science Forum, 0, 869, 663-668.	0.3	0