Jui-Ming Yeh

List of Publications by Year
in descending order

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185 papers	8,703 citations	41258 49 h-index	53109 85 g-index
187 all docs	187 docs citations	187 times ranked	7619 citing authors

#	Article	IF	Citations
1	UV-cured electroactive polyurethane acrylate coatings with superhydrophobic surface structure of biomimetic peacock feather for anticorrosion application. Progress in Organic Coatings, 2022, 165, 106679.	1.9	12
2	Effect of Sulfonation Group on Polyaniline Copolymer Scaffolds for Tissue Engineering with Laminin Treatment under Electrical Stimulation. ACS Applied Bio Materials, 2022, 5, 3778-3787.	2.3	4
3	An aniline trimer-based multifunctional sensor for colorimetric Fe3+, Cu2+ and Ag+ detection, and its complex for fluorescent sensing of L-tryptophan. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 247, 119075.	2.0	26
4	Epoxy thermoset coatings with fine controllable hierarchical structures prepared from bio-inspired photo-/colloidal lithography technique for anticorrosion application. Progress in Organic Coatings, 2021, 152, 106132.	1.9	9
5	On the role of solution-processed bathocuproine in high-efficiency inverted perovskite solar cells. Solar Energy, 2021, 218, 142-149.	2.9	23
6	H2S-Sensing Studies Using Interdigitated Electrode with Spin-Coated Carbon Aerogel-Polyaniline Composites. Polymers, 2021, 13, 1457.	2.0	15
7	Aniline pentamer-modified reduced graphene oxide/epoxy composites as anticorrosion coatings. Materials Chemistry and Physics, 2021, 264, 124446.	2.0	14
8	Graphene-based PANI composite coatings with fine-controllable 3D hierarchical structures prepared from bio-inspired photo-/colloidal-lithography technique for flexible supercapacitor application. Electrochimica Acta, 2021, 390, 138890.	2.6	9
9	Versatile reactions on hydrophobic functionalization of metal-organic frameworks and anticorrosion application. Microporous and Mesoporous Materials, 2021, 325, 111319.	2.2	13
10	Comparative Studies of CPEs Modified with Distinctive Metal Nanoparticle-Decorated Electroactive Polyimide for the Detection of UA. Polymers, 2021, 13, 252.	2.0	5
11	Detection of hydrogen sulfide using polyaniline incorporated with graphene oxide aerogel. Synthetic Metals, 2021, 282, 116934.	2.1	15
12	Marine waste to a functional biomaterial: Green facile synthesis of modified-Î²-chitin from Uroteuthis duvauceli pens (gladius). International Journal of Biological Macromolecules, 2020, 154, 1565-1575.	3.6	20
13	Mussel-Inspired Conducting Copolymer with Aniline Tetramer as Intelligent Biological Adhesive for Bone Tissue Engineering. ACS Biomaterials Science and Engineering, 2020, 6, 634-646.	2.6	49
14	Electronically Coupled Gold Nanoclusters Render Deep-Red Emission with High Quantum Yields. Journal of Physical Chemistry Letters, 2020, 11, 9344-9350.	2.1	6
15	Corrosion inhibitor by a polymerizable columnar mesogen based on hexabenzocoronene derivative. Journal of the Chinese Chemical Society, 2020, 67, 1618-1623.	0.8	2
16	Conductive stretchable shape memory elastomers combining with electrical stimulation for synergistic osteogenic differentiation. Polymer Testing, 2020, 90, 106672.	2.3	13
17	Innovation inspired by nature: Biocompatible self-healing injectable hydrogels based on modified-Î²-chitin for wound healing. International Journal of Biological Macromolecules, 2020, 162, 723-736.	3.6	39
18	Effect of Surface Morphology of Electro-spun EPAA Coatings on the H₂S Sensing Performance of Corresponding Interdigitated Electrodes. Journal of the Electrochemical Society, 2020, 167, 117510.	1.3	7

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19	Highly efficient solar-heat shield based on the bipolaron-assisted PEDOT:PSS thin film. Chinese Journal of Physics, 2020, 66, 102-108.	2.0	2
20	Electroactive Composite of FeCl₃â€Doped P3HT/PLGA with Adjustable Electrical Conductivity for Potential Application in Neural Tissue Engineering. Macromolecular Bioscience, 2019, 19, e1900147.	2.1	9
21	Effective anticorrosion coatings prepared from sulfonated electroactive polyurea. Polymer, 2019, 166, 98-107.	1.8	16
22	Aniline trimer based chemical sensor for dual responsive detection of hazardous CNÂ¯ ions and pH changes. Dyes and Pigments, 2019, 164, 327-334.	2.0	21
23	Unraveling the Modified PEDOT:PSS Thin Films Based Nearâ€Infrared Solarâ€Heat Shields by Using Broadband Transmittance and Raman Scattering Spectrometers. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900025.	0.8	3
24	Ecoâ€Friendly, Highâ€Loading Luminescent Solar Concentrators with Concurrently Enhanced Optical Density and Quantum Yields While Without Sacrificing Edgeâ€Emission Efficiency. Solar Rrl, 2019, 3, 1800347.	3.1	19
25	A Novel Application of Electroactive Polyimide Doped with Gold Nanoparticles: As a Chemiresistor Sensor for Hydrogen Sulfide Gas. Polymers, 2019, 11, 1918.	2.0	25
26	Biomimetic Polyimide-Supported Cuprous Oxide Photocatalytic Film with Tunable Hydrophobicity, Improved Thermal Stability, and Photocatalytic Activity toward CO₂ Reduction. ACS Omega, 2019, 4, 1636-1644.	1.6	19
27	Excellent superhydrophobic surface and anti-corrosion performance by nanostructure of discotic columnar liquid crystals. Corrosion Science, 2018, 138, 1-7.	3.0	34
28	Hazardous impacts of silver nanoparticles on mouse oocyte maturation and fertilization and fetal development through induction of apoptotic processes. Environmental Toxicology, 2018, 33, 1039-1049.	2.1	46
29	Detection and discrimination of maintenance and de novo CpG methylation events using MethylBreak. Biosensors and Bioelectronics, 2017, 91, 658-663.	5.3	0
30	Characterization of polyaniline synthesized from chemical oxidative polymerization at various polymerization temperatures. European Polymer Journal, 2017, 88, 311-319.	2.6	14
31	Electrochemical Sensor Constructed Using a Carbon Paste Electrode Modified with Mesoporous Silica Encapsulating PANI Chains Decorated with GNPs for Detection of Ascorbic Acid. Electrochimica Acta, 2017, 238, 246-256.	2.6	58
32	Biomolding Technique to Fabricate the Hierarchical Topographical Scaffold of POMA To Enhance the Differentiation of Neural Stem Cells. ACS Biomaterials Science and Engineering, 2017, 3, 1527-1534.	2.6	15
33	Synthesis and characterization of organo-soluble aniline oligomer-based electroactive doped with gold nanoparticles, and application to electrochemical sensing of ascorbic acid. Polymer, 2017, 128, 218-228.	1.8	23
34	Sandwich-structured rGO/PVDF/PU multilayer coatings for anti-corrosion application. RSC Advances, 2017, 7, 33829-33836.	1.7	42
35	Advanced superhydrophobic electroactive fluorinated polyimide and its application in anticorrosion coating. International Journal of Green Energy, 2017, 14, 113-120.	2.1	30
36	Electroactive polyamide modified carbon paste electrode for the determination of ascorbic acid. International Journal of Green Energy, 2016, 13, 1334-1341.	2.1	7

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37	Biotemplated hierarchical polyaniline composite electrodes with high performance for flexible supercapacitors. Journal of Materials Chemistry A, 2016, 4, 9133-9145.	5.2	43
38	The effect of chemically modified electrospun silica nanofiber on the mRNA and miRNA expression profile of neural stem cell differentiation. Journal of Biomedical Materials Research - Part A, 2016, 104, 2730-2743.	2.1	14
39	Synthesis of electroactive polyazomethine and its application in electrochromic property and electrochemical sensor. Surface and Coatings Technology, 2016, 303, 154-161.	2.2	22
40	A reactive blend of electroactive polymers exhibiting synergistic effects on self-healing and anticorrosion properties. RSC Advances, 2016, 6, 55593-55598.	1.7	13
41	Phase diagram of hopping conduction mechanisms in polymer nanofiber network. Journal of Applied Physics, 2015, 118, 215104.	1.1	10
42	Effect of hydroxyapatite particles on the rheological behavior of poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (glycol)-poly 152, 158-166.	2.0	8
43	Photoisomerization of electroactive polyimide/multiwalled carbon nanotube composites on the effect of electrochemical sensing for ascorbic acid. Polymer International, 2015, 64, 373-382.	1.6	9
44	Synthesis and anticorrosive properties of electroactive polyimide/SiO₂ composites. Polymer Composites, 2014, 35, 617-625.	2.3	15
45	Physical study of roomâ€temperatureâ€cured epoxy/thermally reduced graphene oxides with various contents of oxygenâ€containing groups. Polymer International, 2014, 63, 1765-1770.	1.6	19
46	Room-temperature cured hydrophobic epoxy/graphene composites as corrosion inhibitor for cold-rolled steel. Carbon, 2014, 66, 144-153.	5.4	313
47	The use of a carbon paste electrode mixed with multiwalled carbon nanotube/electroactive polyimide composites as an electrode for sensing ascorbic acid. Polymer Chemistry, 2014, 5, 630-637.	1.9	36
48	Synergistic effects of hydrophobicity and gas barrier properties on the anticorrosion property of PMMA nanocomposite coatings embedded with graphene nanosheets. Polymer Chemistry, 2014, 5, 1049-1056.	1.9	127
49	Reaction mechanism and synergistic anticorrosion property of reactive blends of maleimide-containing benzoxazine and amine-capped aniline trimer. Polymer Chemistry, 2014, 5, 4235-4244.	1.9	64
50	Preparation and studies on properties of porous epoxy composites containing microscale hollow epoxy spheres. Microporous and Mesoporous Materials, 2014, 198, 15-21.	2.2	13
51	Enhancement of physical properties of electroactive polyimide nanocomposites by addition of graphene nanosheets. Polymer International, 2014, 63, 1011-1017.	1.6	13
52	Synthesis of ultra-high-strength electroactive polyimide membranes containing oligoaniline in the main chain by thermal imidization reaction. European Polymer Journal, 2014, 56, 26-32.	2.6	18
53	Preparation and comparison of the physical properties of PMMA/thermally reduced graphene oxides composites with different carboxylic group content of thermally reduced graphene oxides. Composites Part A: Applied Science and Manufacturing, 2014, 65, 108-114.	3.8	28
54	Synthesis of electroactive mesoporous goldâ€"organosilica nanocomposite materials via a solâ€"gel process with non-surfactant templates and the electroanalysis of ascorbic acid. Journal of Materials Chemistry B, 2013, 1, 4983.	2.9	28

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55	Preparation of gold decorated SiO2@polyaniline coreâ€“shell microspheres and application as a sensor for ascorbic acid. Electrochimica Acta, 2013, 95, 162-169.	2.6	32
56	Synthesis electroactive polyurea with aniline-pentamer-based in the main chain and its application in electrochemical sensor. Electrochimica Acta, 2013, 94, 300-306.	2.6	25
57	Self-Assembly Behavior of Amphiphilic Poly(amidoamine) Dendrimers with a Shell of Aniline Pentamer. Langmuir, 2013, 29, 12075-12083.	1.6	11
58	UV-curable nanocasting technique to prepare bio-mimetic super-hydrophobic non-fluorinated polymeric surfaces for advanced anticorrosive coatings. Polymer Chemistry, 2013, 4, 926-932.	1.9	89
59	Polyaniline/carbon nanotube nanocomposite electrodes with biomimetic hierarchical structure for supercapacitors. Journal of Materials Chemistry A, 2013, 1, 14719.	5.2	75
60	Neat poly(ortho-methoxyaniline) electrospun nanofibers for neural stem cell differentiation. Journal of Materials Chemistry B, 2013, 1, 5469.	2.9	10
61	Photoactively electroactive polyamide with azo group in the main chain via oxidative coupling polymerization. Polymer Chemistry, 2013, 4, 343-350.	1.9	23
62	Using silane coupling agents to prepare raspberry-shaped polyaniline hollow microspheres with tunable nanoshell thickness. Journal of Colloid and Interface Science, 2013, 394, 36-43.	5.0	15
63	Easy expression of the C-terminal heavy chain domain of botulinum neurotoxin serotype A as a vaccine candidate using a bi-cistronic baculovirus system. Journal of Virological Methods, 2013, 189, 58-64.	1.0	11
64	Nano-casting technique to prepare polyaniline surface with biomimetic superhydrophobic structures for anticorrosion application. Electrochimica Acta, 2013, 95, 192-199.	2.6	167
65	Advanced environmentally friendly coatings prepared from amine-capped aniline trimer-based waterborne electroactive polyurethane. Materials Chemistry and Physics, 2013, 137, 772-780.	2.0	39
66	Nanocasting Technique to Prepare Lotus-leaf-like Superhydrophobic Electroactive Polyimide as Advanced Anticorrosive Coatings. ACS Applied Materials & Interfaces, 2013, 5, 1460-1467.	4.0	158
67	3D-bioprinting approach to fabricate superhydrophobic epoxy/organophilic clay as an advanced anticorrosive coating with the synergistic effect of superhydrophobicity and gas barrier properties. Journal of Materials Chemistry A, 2013, 1, 13869-13877.	5.2	57
68	Advanced antistatic/anticorrosion coatings prepared from polystyrene composites incorporating dodecylbenzenesulfonic acidâ€doped SiO‹sub›2‹/sub›@polyaniline coreâ€“shell microspheres. Polymer International, 2013, 62, 774-782.	1.6	40
69	Structural and electrical characterization of polyanilines synthesized from chemical oxidative polymerization via doping/de-doping/re-doping processes. Journal Physics D: Applied Physics, 2013, 46, 505301.	1.3	14
70	Preparation and thermal properties of UV-curable polyacrylateâ€“gold nanocomposite foams. Journal of Materials Chemistry, 2012, 22, 21654.	6.7	3
71	Novel triphenylamine-containing ambipolar polyimides with pendant anthraquinone moiety for polymeric memory device, electrochromic and gas separation applications. Journal of Materials Chemistry, 2012, 22, 20394.	6.7	60
72	Re-condensation and decomposition of Tris(8-hydroxyquinoline)-aluminum in a vapor transport ampoule. Journal of Crystal Growth, 2012, 357, 9-14.	0.7	4

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73	Electrochemical investigations on anticorrosive and electrochromic properties of electroactive polyurea. Polymer Chemistry, 2012, 3, 2209.	1.9	52
74	Advanced anticorrosion coating materials prepared from fluoro-polyaniline-silica composites with synergistic effect of superhydrophobicity and redox catalytic capability. Surface and Coatings Technology, 2012, 207, 42-49.	2.2	36
75	Curcuminoids and resveratrol as anti-Alzheimer agents. Taiwanese Journal of Obstetrics and Gynecology, 2012, 51, 515-525.	0.5	61
76	Effects of curcumin and demethoxycurcumin on amyloid-Î² precursor and tau proteins through the internal ribosome entry sites: A potential therapeutic for Alzheimer's disease. Taiwanese Journal of Obstetrics and Gynecology, 2012, 51, 554-564.	0.5	30
77	Aniline pentamer-based electroactive polyimide prepared from oxidation coupling polymerization for electrochemical sensing application. Polymer, 2012, 53, 4373-4379.	1.8	27
78	Effect of photoisomerization on the electroactivity and electrochromic behavior of aniline pentamer-based polymers with azo chromophore as reversibly switchable pendant group. Polymer, 2012, 53, 4967-4976.	1.8	22
79	Synergistic effect of electroactivity and hydrophobicity on the anticorrosion property of room-temperature-cured epoxy coatings with multi-scale structures mimicking the surface of Xanthosoma sagittifolium leaf. Journal of Materials Chemistry, 2012, 22, 15845.	6.7	66
80	Novel anticorrosion coatings prepared from polyaniline/graphene composites. Carbon, 2012, 50, 5044-5051.	5.4	631
81	Electroactive PI sphere generated by electrospraying. Polymer International, 2012, 61, 205-212.	1.6	5
82	Preparation of electrospun electroactive POMA fiber mats. Polymer International, 2012, 61, 213-221.	1.6	2
83	Electrochemical investigations on the corrosion protection effect of poly(vinyl carbazole)â€silica hybrid solâ€“gel materials. Polymer Composites, 2012, 33, 275-281.	2.3	12
84	Corrosion resistance conferred by superhydrophobic fluorinated polyacrylateâ€“silica composite coatings on coldâ€rolled steel. Journal of Applied Polymer Science, 2012, 126, E48.	1.3	37
85	Morphology, mechanical, and rheological behavior of microcellular injection molded EVAâ€“clay nanocomposites. International Communications in Heat and Mass Transfer, 2012, 39, 383-389.	2.9	28
86	Electrochemical investigations of the anticorrosive and electrochromic properties of electroactive polyamide. Electrochimica Acta, 2012, 63, 185-191.	2.6	56
87	Intrinsically electroactive polyimide microspheres fabricated by electrospraying technology for ascorbic acid detection. Journal of Materials Chemistry, 2011, 21, 15666.	6.7	25
88	Mechanically and Thermally Enhanced Intrinsically Dopable Polyimide Membrane with Advanced Gas Separation Capabilities. Macromolecules, 2011, 44, 6067-6076.	2.2	31
89	CYTOTOXICITY AND DIFFERENTIATION EFFECTS OF GOLD NANOPARTICLES TO HUMAN BONE MARROW MESENCHYMAL STEM CELLS. Biomedical Engineering - Applications, Basis and Communications, 2011, 23, 141-152.	0.3	27
90	Advanced Anticorrosive Coatings Prepared from the Mimicked Xanthosoma Sagittifolium-leaf-like Electroactive Epoxy with Synergistic Effects of Superhydrophobicity and Redox Catalytic Capability. Chemistry of Materials, 2011, 23, 2075-2083.	3.2	190

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91	Synthesis and electroactive properties of poly(amidoamine) dendrimers with an aniline pentamer shell. Journal of Materials Chemistry, 2011, 21, 4581.	6.7	18
92	A smart surface prepared using the switchable superhydrophobicity of neat electrospun intrinsically electroactive polyimide fiber mats. Soft Matter, 2011, 7, 10313.	1.2	16
93	Preparation of electroactive silica mesopores by encapsulating polyaniline chains into silica framework via nonsurfactant templating solâ€“gel route. Journal of Non-Crystalline Solids, 2011, 357, 227-231.	1.5	4
94	Polymerization of aniline under various concentrations of APS and HCl. Polymer Journal, 2011, 43, 667-675.	1.3	98
95	Comparatively Electrochemical Studies at Different Operational Temperatures for the Effect of Layered Silicate and Spherical Silica on the Anticorrosion Efficiency of PANI Nanocomposite Coatings. Journal of Nanoscience and Nanotechnology, 2011, 11, 1123-1134.	0.9	3
96	Compatibility Enhancement of Polyimideâ€“Silica Hybrid Solâ€“Gel Materials Without Incorporation of Silane-Coupling Agent. Journal of Nanoscience and Nanotechnology, 2011, 11, 3454-3463.	0.9	0
97	Electrochemical studies on aniline-pentamer-based electroactive polyimide coating: Corrosion protection and electrochromic properties. Electrochimica Acta, 2011, 56, 10151-10158.	2.6	64
98	Electrochemical corrosion protection studies of aniline-capped aniline trimer-based electroactive polyurethane coatings. Electrochimica Acta, 2011, 58, 614-620.	2.6	44
99	Effect of organoclay and preparation methods on the mechanical/thermal properties of microcellular injection molded polyamide 6-clay nanocomposites. International Communications in Heat and Mass Transfer, 2011, 38, 1219-1225.	2.9	20
100	A comparative study on the preparation and physical properties of environmental friendly PMMAâ€“silica nano/subâ€micronâ€scale hybrid latexes controlled by chelating agent. Polymer Composites, 2011, 32, 1607-1616.	2.3	4
101	Triphenylamineâ€based polyimides with trimethyl substituents for gas separation membrane and electrochromic applications. Journal of Polymer Science Part A, 2011, 49, 3637-3646.	2.5	49
102	A comparative study of the preparation and physical properties of polystyreneâ€“silica mesocomposite and nanocomposite materials. Polymer International, 2011, 60, 1129-1135.	1.6	10
103	Comparative studies on corrosion protection properties of polyimideâ€silica and polyimideâ€clay composite materials. Journal of Applied Polymer Science, 2011, 119, 548-557.	1.3	18
104	Î±â€Al₂O₃ improves the properties of gel polyacrylonitrile nanocomposite electrolytes used as electrolyte materials in rechargeable lithium batteries. Journal of Applied Polymer Science, 2011, 120, 2041-2047.	1.3	9
105	Advanced anticorrosive coatings prepared from electroactive epoxyâ€“SiO2 hybrid nanocomposite materials. Electrochimica Acta, 2011, 56, 6142-6149.	2.6	103
106	Mechanical properties of polyamide-6/montmorillonite nanocomposites â€” Prepared by the twin-screw extruder mixed technique. International Communications in Heat and Mass Transfer, 2011, 38, 37-43.	2.9	38
107	Morphology, mechanical, thermal and rheological behavior of microcellular injection molded TPO-clay nanocomposites prepared by kneader. International Communications in Heat and Mass Transfer, 2011, 38, 597-606.	2.9	12
108	Effect of methyl substituents on the N-diaryl rings of anthracene-9,10-diamine derivatives for OLEDs applications. Organic Electronics, 2011, 12, 694-702.	1.4	30

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109	Advanced anticorrosive materials prepared from amine-capped aniline trimer-based electroactive polyimide-clay nanocomposite materials with synergistic effects of redox catalytic capability and gas barrier properties. Polymer, 2011, 52, 2391-2400.	1.8	88
110	Properties of polyimide/Al2O3 and Si3N4 deposited thin films. Thin Solid Films, 2011, 519, 4969-4973.	0.8	39
111	Enhancement in Insulation and Mechanical Properties of PMMA Nanocomposite Foams Infused with Multi-Walled Carbon Nanotubes. Journal of Nanoscience and Nanotechnology, 2011, 11, 6757-6764.	0.9	9
112	Advanced anticorrosive coatings prepared from electroactive polyimideâ€“TiO2 hybrid nanocomposite materials. Electrochimica Acta, 2010, 55, 8430-8438.	2.6	109
113	Enhancement of surface and bulk mechanical properties of polycarbonate through the incorporation of raw MWNTs â€" Using the twin-screw extruder mixed technique. International Communications in Heat and Mass Transfer, 2010, 37, 809-814.	2.9	15
114	Mechanical properties of polystyreneâ€montmorillonite nanocompositesâ€"Prepared by melt intercalation. Journal of Applied Polymer Science, 2010, 115, 288-296.	1.3	27
115	Effect of organoclay on the mechanical/thermal properties of microcellular injection molded PBTâ€“clay nanocomposites. International Communications in Heat and Mass Transfer, 2010, 37, 1036-1043.	2.9	30
116	Systematically comparative studies on the preparation and physical properties of PMMAâ€“silica mesocomposite and nanocomposite membranes. Microporous and Mesoporous Materials, 2010, 131, 192-203.	2.2	14
117	Enhanced anticorrosion coatings prepared from incorporation of wellâ€dispersed silica nanoparticles into fluorinated polyimide matrix. Polymer Composites, 2010, 31, 2025-2034.	2.3	8
118	Studies on heterogeneous nucleation effect of dispersing intercalated montmorillonite clay platelets in polyaniline matrix. Polymer Composites, 2010, 31, 2049-2056.	2.3	7
119	Novel Thermally Cross-Linkable Poly[(arylenedioxy)(diorganylsilylene)]s Based on Curcumin: Synthesis and Characterization. Macromolecules, 2010, 43, 3277-3285.	2.2	8
120	Induction of cytotoxicity and apoptosis in mouse blastocysts by silver nanoparticles. Toxicology Letters, 2010, 197, 82-87.	0.4	101
121	Effect of dispersion capability of organoclay on cellular structure and physical properties of PMMA/clay nanocomposite foams. Materials Chemistry and Physics, 2009, 115, 744-750.	2.0	31
122	Preparation and anticorrosive properties of hybrid coatings based on epoxyâ€silica hybrid materials. Journal of Applied Polymer Science, 2009, 112, 1933-1942.	1.3	32
123	Enhancement of the surface and bulk mechanical properties of polystyrene through the incorporation of raw multiwalled nanotubes with the twinâ€screw mixing technique. Journal of Applied Polymer Science, 2009, 113, 992-999.	1.3	16
124	Effect of organoclay on the mechanical / thermal properties of microcellular injection molded polystyreneâ€“clay nanocomposites. International Communications in Heat and Mass Transfer, 2009, 36, 799-805.	2.9	17
125	The mechanical/thermal properties of microcellular injectionâ€molded polyâ€lacticâ€acid nanocomposites. Polymer Composites, 2009, 30, 1625-1630.	2.3	32
126	Preparation and gas transport properties of dense fluoroaniline copolymer membranes. Journal of Membrane Science, 2009, 339, 171-176.	4.1	15

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127	Effect of amino-capped aniline trimer on corrosion protection and physical properties for electroactive epoxy thermosets. Electrochimica Acta, 2009, 54, 5400-5407.	2.6	57
128	Electrochemical studies for the electroactivity of amine-capped aniline trimer on the anticorrosion effect of as-prepared polyimide coatings. European Polymer Journal, 2009, 45, 485-493.	2.6	72
129	Effect of clay and compatibilizer on the mechanical/thermal properties of microcellular injection molded low density polyethylene nanocomposites. International Communications in Heat and Mass Transfer, 2009, 36, 471-479.	2.9	39
130	Polyimide modified with metal coupling agent for adhesion application. Thin Solid Films, 2009, 517, 5333-5337.	0.8	29
131	Studies of the pumping effect on the nanoporous microstructure of disordered mesoporous silica materials prepared by calcinations of PMMA-silica hybrids. Journal of Non-Crystalline Solids, 2009, 355, 938-942.	1.5	0
132	Comparative Electrochemical Studies at Different Operational Temperatures for the Effect of Nanoclay Platelets on the Anticorrosion Efficiency of Organo-Soluble Polyimide/Clay Nanocomposite Coatings. Journal of Nanoscience and Nanotechnology, 2009, 9, 3125-3133.	0.9	5
133	Performance characteristic studies of glucose biosensors modified by (3-mercaptopropyl)trimethoxysilane solâ€“gel and non-conducting polyaniline. Sensors and Actuators B: Chemical, 2008, 131, 533-540.	4.0	11
134	Highâ€performance polyimideâ€“clay nanocomposite materials based on a dual intercalating agent system. Polymer International, 2008, 57, 605-611.	1.6	28
135	Novel organosoluble aromatic polyimides bearing pendant methoxyâ€substituted triphenylamine moieties: Synthesis, electrochromic, and gas separation properties. Journal of Polymer Science Part A, 2008, 46, 7937-7949.	2.5	86
136	Thermally and mechanically enhanced epoxy resinâ€silica hybrid materials containing primary amineâ€modified silica nanoparticles. Journal of Applied Polymer Science, 2008, 108, 1629-1635.	1.3	43
137	Comparative studies for the effect of dualâ€and monoâ€organic modifiers on the physical properties of polyimideâ€clay nanocomposite membranes. Journal of Applied Polymer Science, 2008, 109, 1730-1737.	1.3	8
138	Organicâ€acidâ€catalyzed solâ€“gel route for preparing poly(methyl methacrylate)â€“silica hybrid materials. Journal of Applied Polymer Science, 2008, 110, 2108-2114.	1.3	14
139	Effect of swelling agent on the physical properties of PETâ€“clay nanocomposite materials prepared from melt intercalation approach. Journal of Physics and Chemistry of Solids, 2008, 69, 1371-1374.	1.9	28
140	Polymer/layered silicate nanocomposite anticorrosive coatings. Journal of Industrial and Engineering Chemistry, 2008, 14, 275-291.	2.9	100
141	Preparation, characterization and electrochemical corrosion studies on environmentally friendly waterborne polyurethane/Na+-MMT clay nanocomposite coatings. European Polymer Journal, 2008, 44, 3046-3056.	2.6	78
142	Preparation and properties of amino-terminated anionic waterborne-polyurethaneâ€“silica hybrid materials through a solâ€“gel process in the absence of an external catalyst. European Polymer Journal, 2008, 44, 2777-2783.	2.6	80
143	Synthesis and energy-transfer properties of poly(amidoamine) dendrons modified with naphthyl and dansyl groups. Tetrahedron Letters, 2008, 49, 1988-1992.	0.7	21
144	Effect of clay on the corrosion protection efficiency of PMMA/Na+-MMT clay nanocomposite coatings evaluated by electrochemical measurements. European Polymer Journal, 2008, 44, 13-23.	2.6	60

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145	Comparative studies for the effect of intercalating agent on the physical properties of epoxy resin-clay based nanocomposite materials. European Polymer Journal, 2008, 44, 2439-2447.	2.6	70
146	Effects of dynamic vacuum-pumping and temperature dependence of dark electrical conductivity in polyaniline films made by various pressing pressures. Journal Physics D: Applied Physics, 2008, 41, 125401.	1.3	2
147	Effect of Amino-Modified Silica Nanoparticles on the Corrosion Protection Properties of Epoxy Resin-Silica Hybrid Materials. Journal of Nanoscience and Nanotechnology, 2008, 8, 3040-3049.	0.9	34
148	Nano-Sized Micelles of Block Copolymers of Methoxy Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (glycol)-Poly(Îµ Journal of Nanoscience and Nanotechnology, 2008, 8, 2362-2368.	0.9	10
149	Effect of vinyl-modified silica and raw silica particles on the properties of as-prepared polymer-silica nanocomposite foams. Journal of Nanoscience and Nanotechnology, 2008, 8, 6297-305.	0.9	0
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