

# Jiang-Jen Lin

## List of Publications by Citations

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196  
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202  
ext. papers

5,173  
ext. citations

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avg, IF

5.5  
L-index

#	Paper	IF	Citations
196	The disruption of bacterial membrane integrity through ROS generation induced by nanohybrids of silver and clay. <i>Biomaterials</i> , <b>2009</b> , 30, 5979-87	15.6	385
195	Intercalation strategies in clay/polymer hybrids. <i>Progress in Polymer Science</i> , <b>2014</b> , 39, 443-485	29.6	210
194	A high performance dye-sensitized solar cell with a novel nanocomposite film of PtNP/MWCNT on the counter electrode. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 4067		127
193	Flame retardant epoxy polymers based on all phosphorus-containing components. <i>European Polymer Journal</i> , <b>2002</b> , 38, 683-693	5.2	108
192	Tailoring Basal Spacings of Montmorillonite by Poly(oxyalkylene)diamine Intercalation. <i>Macromolecules</i> , <b>2001</b> , 34, 8832-8834	5.5	103
191	Evaluation on cytotoxicity and genotoxicity of the exfoliated silicate nanoclay. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2010</b> , 2, 1608-13	9.5	97
190	Self-assembly behavior of polymer-assisted clays. <i>Progress in Polymer Science</i> , <b>2012</b> , 37, 406-444	29.6	96
189	Concentration effect of carbon nanotube based saturable absorber on stabilizing and shortening mode-locked pulse. <i>Optics Express</i> , <b>2010</b> , 18, 3592-600	3.3	73
188	Evaluation of the antibacterial activity and biocompatibility for silver nanoparticles immobilized on nano silicate platelets. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 433-43	9.5	72
187	A novel polymer gel electrolyte for highly efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 8471	13	71
186	First isolation of individual silicate platelets from clay exfoliation and their unique self-assembly into fibrous arrays. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 18115-20	3.4	69
185	Highly transparent and flexible polyimide/AgNW hybrid electrodes with excellent thermal stability for electrochromic applications and defogging devices. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 3629-3635	7.1	64
184	Amphiphilic properties of poly(oxyalkylene)amine-intercalated smectite aluminosilicates. <i>Langmuir</i> , <b>2004</b> , 20, 4261-4	4	64
183	Biocompatibility and antimicrobial evaluation of montmorillonite/chitosan nanocomposites. <i>Applied Clay Science</i> , <b>2012</b> , 56, 53-62	5.2	62
182	The cellular responses and antibacterial activities of silver nanoparticles stabilized by different polymers. <i>Nanotechnology</i> , <b>2012</b> , 23, 065102	3.4	61
181	Observation of carbon nanotube and clay micellelike microstructures with dual dispersion property. <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 8654-9	2.8	57
180	Preparation of protein-silicate hybrids from polyamine intercalation of layered montmorillonite. <i>Langmuir</i> , <b>2007</b> , 23, 1995-9	4	56

179	Exfoliation of Montmorillonite Clay by Mannich Polyamines with Multiple Quaternary Salts. <i>Macromolecules</i> , <b>2005</b> , 38, 6240-6243	5.5	55
178	Novel nanohybrids of silver particles on clay platelets for inhibiting silver-resistant bacteria. <i>PLoS ONE</i> , <b>2011</b> , 6, e21125	3.7	54
177	Dye-sensitized solar cells with reduced graphene oxide as the counter electrode prepared by a green photothermal reduction process. <i>ChemPhysChem</i> , <b>2014</b> , 15, 1175-81	3.2	53
176	Self-Assembled Superstructures of Polymer-Grafted Nanoparticles: Effects of Particle Shape and Matrix Polymer. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 5566-5577	3.8	53
175	Preparation, Organophilicity, and Self-Assembly of Poly(oxypropylene)amine/Clay Hybrids. <i>Macromolecules</i> , <b>2003</b> , 36, 2187-2189	5.5	53
174	Polymer-dispersed MWCNT gel electrolytes for high performance of dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 6982		52
173	Characterization, antimicrobial activities, and biocompatibility of organically modified clays and their nanocomposites with polyurethane. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 338-50	9.5	50
172	Comparisons of Physical Properties of Intercalated and Exfoliated Clay/Epoxy Nanocomposites. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2005</b> , 44, 2086-2090	3.9	50
171	Novel polymer gel electrolyte with organic solvents for quasi-solid-state dye-sensitized solar cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 18489-96	9.5	47
170	Nanohybrids of magnetic iron-oxide particles in hydrophobic organoclays for oil recovery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2010</b> , 2, 1349-54	9.5	47
169	Boron-doped carbon nanotubes as metal-free electrocatalyst for dye-sensitized solar cells: Heteroatom doping level effect on tri-iodide reduction reaction. <i>Journal of Power Sources</i> , <b>2018</b> , 375, 29-36	8.9	46
168	Efficient titanium nitride/titanium oxide composite photoanodes for dye-sensitized solar cells and water splitting. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 4695-4705	13	45
167	Enhancing the performance of dye-sensitized solar cells by incorporating nanosilicate platelets in gel electrolyte. <i>Solar Energy Materials and Solar Cells</i> , <b>2009</b> , 93, 1860-1864	6.4	44
166	Enhancing the performance of dye-sensitized solar cells by incorporating nanomica in gel electrolytes?. <i>Solar Energy Materials and Solar Cells</i> , <b>2010</b> , 94, 668-674	6.4	44
165	Facile fabrication of robust superhydrophobic epoxy film with polyamine dispersed carbon nanotubes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 538-45	9.5	43
164	Preparation of clay/epoxy nanocomposites by layered-double-hydroxide initiated self-polymerization. <i>Polymer</i> , <b>2008</b> , 49, 4796-4801	3.9	43
163	Critical Conformational Change of Poly(oxypropylene)diamines in Layered Aluminosilicate Confinement. <i>Macromolecular Rapid Communications</i> , <b>2003</b> , 24, 492-495	4.8	42
162	Facile fabrication of PtNP/MWCNT nanohybrid films for flexible counter electrode in dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 3185		40

161	Morphological Influence of Polypyrrole Nanoparticles on the Performance of Dye-Sensitized Solar Cells. <i>Electrochimica Acta</i> , <b>2015</b> , 155, 263-271	6.7	39
160	Preparation of high energy fuel JP-10 by acidity-adjustable chloroaluminate ionic liquid catalyst. <i>Fuel</i> , <b>2011</b> , 90, 1012-1017	7.1	39
159	Synthesis of immobilized silver nanoparticles on ionic silicate clay and observed low-temperature melting. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 2184		39
158	Hydrophobic Modification of Layered Clays and Compatibility for Epoxy Nanocomposites. <i>Materials</i> , <b>2010</b> , 3, 2588-2605	3.5	37
157	Flame retardant epoxy polymers using phosphorus-containing polyalkylene amines as curing agents. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 82, 3526-3538	2.9	35
156	Multifunctional Iodide-Free Polymeric Ionic Liquid for Quasi-Solid-State Dye-Sensitized Solar Cells with a High Open-Circuit Voltage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 15267-78	9.5	34
155	Conformational Change of Trifunctional Poly(oxypropylene)amines Intercalated within a Layered Silicate Confinement. <i>Macromolecules</i> , <b>2004</b> , 37, 473-477	5.5	34
154	Flexible, optically transparent, high refractive, and thermally stable polyimide/TiO <sub>2</sub> hybrids for anti-reflection coating. <i>RSC Advances</i> , <b>2013</b> , 3, 17048	3.7	33
153	One-Step Exfoliation of Montmorillonite via Phase Inversion of Amphiphilic Copolymer Emulsion. <i>Macromolecules</i> , <b>2005</b> , 38, 230-233	5.5	33
152	Intercalation of layered double hydroxides by poly(oxyalkylene)-amidocarboxylates: tailoring layered basal spacing. <i>Polymer</i> , <b>2004</b> , 45, 7887-7893	3.9	33
151	High performance dye-sensitized solar cells based on platinum nanoparticle/multi-wall carbon nanotube counter electrodes: The role of annealing. <i>Journal of Power Sources</i> , <b>2012</b> , 203, 274-281	8.9	32
150	Self-doping effects on the morphology, electrochemical and conductivity properties of self-assembled polyanilines. <i>Thin Solid Films</i> , <b>2008</b> , 517, 500-505	2.2	32
149	Clay-mediated synthesis of silver nanoparticles exhibiting low-temperature melting. <i>Langmuir</i> , <b>2011</b> , 27, 11690-6	4	31
148	Exfoliation of smectite clays by branched polyamines consisting of multiple ionic sites. <i>European Polymer Journal</i> , <b>2008</b> , 44, 628-636	5.2	31
147	Thermally Stable Boron-Doped Multiwalled Carbon Nanotubes as a Pt-free Counter Electrode for Dye-Sensitized Solar Cells. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 537-546	8.3	30
146	Controlling formation of silver/carbon nanotube networks for highly conductive film surface. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 1449-55	9.5	30
145	Isomerization of endo-tetrahydrodicyclopentadiene over clay-supported chloroaluminate ionic liquid catalysts. <i>Journal of Molecular Catalysis A</i> , <b>2010</b> , 315, 69-75		30
144	Gelation of ionic liquid with exfoliated montmorillonite nanoplatelets and its application for quasi-solid-state dye-sensitized solar cells. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 363, 635-9	9.3	29

143	Dye-sensitized solar cells with low-cost catalytic films of polymer-loaded carbon black on their counter electrode. <i>RSC Advances</i> , <b>2013</b> , 3, 5871	3.7	28
142	Antimicrobial activities and cellular responses to natural silicate clays and derivatives modified by cationic alkylamine salts. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2009</b> , 1, 2556-64	9.5	28
141	Functionalizing multi-walled carbon nanotubes with poly(oxyalkylene)-amidoamines. <i>Nanotechnology</i> , <b>2006</b> , 17, 3197-3203	3.4	28
140	Synthesis of a novel amphiphilic polymeric ionic liquid and its application in quasi-solid-state dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 20814-20822	13	27
139	Transparent graphene-platinum nanohybrid films for counter electrodes in high efficiency dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 8742	13	27
138	A dual-functional Pt/CNT TCO-free counter electrode for dye-sensitized solar cell. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 25311		27
137	Organo-clay hybrids based on dendritic molecules: preparation and characterization. <i>Nanotechnology</i> , <b>2007</b> , 18, 205606	3.4	27
136	Unusual Intercalation of Cationic Smectite Clays with Detergent-Ranged Carboxylic Ions. <i>Macromolecular Rapid Communications</i> , <b>2005</b> , 26, 1841-1845	4.8	27
135	Surfactant-modified nanoclay exhibits an antiviral activity with high potency and broad spectrum. <i>Journal of Virology</i> , <b>2014</b> , 88, 4218-28	6.6	26
134	Label-free and culture-free microbe detection by three dimensional hot-junctions of flexible Raman-enhancing nanohybrid platelets. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 1136-1143	7.3	26
133	Novel solution-processable fluorene-based polyimide/TiO <sub>2</sub> hybrids with tunable memory properties. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 4570	4.9	26
132	Pulse shortening mode-locked fiber laser by thickness and concentration product of carbon nanotube based saturable absorber. <i>Optics Express</i> , <b>2011</b> , 19, 4036-41	3.3	25
131	Clay-assisted dispersion of organic pigments in water. <i>Dyes and Pigments</i> , <b>2011</b> , 90, 21-27	4.6	25
130	Mechanistic Aspects of Clay Intercalation with Amphiphilic Poly(styrene-co-maleic anhydride)-Grafting Polyamine Salts. <i>Macromolecules</i> , <b>2007</b> , 40, 1579-1584	5.5	25
129	Selective SERS detecting of hydrophobic microorganisms by tricomponent nanohybrids of silver-silicate-platelet-surfactant. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 1541-9	9.5	24
128	Enhanced performance of a dye-sensitized solar cell with an amphiphilic polymer-gelled ionic liquid electrolyte. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 3055	13	24
127	Novel Mechanism for Layered Silicate Clay Intercalation by Poly(propylene oxide)-Segmented Carboxylic Acid. <i>Macromolecular Rapid Communications</i> , <b>2004</b> , 25, 508-512	4.8	24
126	Synthesis and epoxy curing of Mannich bases derived from bisphenol A and poly(oxyalkylene)diamine. <i>Journal of Applied Polymer Science</i> , <b>2000</b> , 78, 615-623	2.9	24

125	High Compatibility of the Poly(oxypropylene)amine-Intercalated Montmorillonite for Epoxy. <i>Polymer Journal</i> , <b>2003</b> , 35, 411-416	2.7	23
124	Synthesis, Characterization, and Interfacial Behaviors of Poly(oxyethylene)-Grafted SEBS Copolymers. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2000</b> , 39, 65-71	3.9	23
123	Hydrogen-bond driven intercalation of synthetic fluorinated mica by poly(oxypropylene)-amidoamine salts. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2007</b> , 302, 162-167	5.1	22
122	Inhibition of Bacterial Growth by the Exfoliated Clays and Observation of Physical Capturing Mechanism. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 18770-18775	3.8	21
121	Optical Non-Linearity from Montmorillonite Intercalated with a Chromophore-Containing Dendritic Structure: A Self-Assembly Approach. <i>Macromolecular Rapid Communications</i> , <b>2008</b> , 29, 587-592	4.8	21
120	Kinetics of styrene emulsion polymerization in the presence of montmorillonite. <i>European Polymer Journal</i> , <b>2006</b> , 42, 1033-1042	5.2	21
119	Isomerization of exo-tetrahydrodicyclopentadiene to adamantane using an acidity-adjustable chloroaluminate ionic liquid. <i>Catalysis Communications</i> , <b>2009</b> , 10, 1747-1751	3.2	20
118	Layered inorganic/enzyme nanohybrids with selectivity and structural stability upon interacting with biomolecules. <i>Bioconjugate Chemistry</i> , <b>2008</b> , 19, 138-44	6.3	20
117	N-Aryl Acylureas as Intermediates in Sequential Self-Repetitive Reactions To Form Poly(amideimide)s. <i>Macromolecules</i> , <b>2006</b> , 39, 12-14	5.5	20
116	Preparation and epoxy curing of novel dicyclopentadiene-derived Mannich amines. <i>Journal of Applied Polymer Science</i> , <b>1999</b> , 71, 2129-2139	2.9	20
115	Nanohybrids of silver particles immobilized on silicate platelet for infected wound healing. <i>PLoS ONE</i> , <b>2012</b> , 7, e38360	3.7	19
114	Clay as a dispersion agent in anode catalyst layer for PEMFC. <i>Journal of Power Sources</i> , <b>2006</b> , 163, 398-402	2.9	19
113	First Observation of Physically Capturing and Maneuvering Bacteria using Magnetic Clays. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 411-8	9.5	18
112	Control of morphology and size of platinum crystals through amphiphilic polymer-assisted microemulsions and their uses in dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 12305		18
111	First fabrication of electrowetting display by using pigment-in-oil driving pixels. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 5914-20	9.5	18
110	Emulsion intercalation of smectite clays with comb-branched copolymers consisting of multiple quaternary amine salts and a poly(styrene-butadiene-styrene) backbone. <i>Langmuir</i> , <b>2005</b> , 21, 7023-8	4	18
109	Lengthy Rod Formation from a Poly(oxyalkylene)amine-Intercalated Smectite Clay by a Self-Aligning Mechanism. <i>Macromolecular Rapid Communications</i> , <b>2004</b> , 25, 1109-1112	4.8	18
108	Thermo-responsive nanoarrays of silver nanoparticle, silicate nanoplatelet and PNiPAAm for the antimicrobial applications. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 152, 459-466	6	17

107	Efficacy and safety of nanohybrids comprising silver nanoparticles and silicate clay for controlling Salmonella infection. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 2421-32	7.3	17
106	Synthesis of acrylic copolymers consisting of multiple amine pendants for dispersing pigment. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 334, 42-9	9.3	17
105	Self-Piling Silicate Rods and Dendrites from High Aspect-Ratio Clay Platelets. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 17940-17944	3.8	17
104	Fine Dispersion of Hydrophobic Silicate Platelets in Anhydride-Cured Epoxy Nanocomposites. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2007</b> , 46, 7384-7388	3.9	17
103	Layered confinement of protein in synthetic fluorinated mica via stepwise polyamine exchange. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 10275-80	3.4	17
102	Copolymer-Layered Silicate Hybrid Surfactants from the Intercalation of Montmorillonite with Amphiphilic Copolymers. <i>Langmuir</i> , <b>2003</b> , 19, 5184-5187	4	17
101	Synthesis of Surfactant-Free and Morphology-Controllable Vanadium Diselenide for Efficient Counter Electrodes in Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 25090-25099	9.5	16
100	A composite catalytic film of Ni-NPs/PEDOT: PSS for the counter electrodes in dye-sensitized solar cells. <i>Electrochimica Acta</i> , <b>2014</b> , 146, 697-705	6.7	16
99	Polymer-assisted self-assembly of silver nanoparticles into interconnected morphology and enhanced surface electric conductivity. <i>RSC Advances</i> , <b>2014</b> , 4, 15098	3.7	16
98	Thermoresponsive Dual-Phase Transition and 3D Self-Assembly of Poly(N-Isopropylacrylamide) Tethered to Silicate Platelets. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 4071-4079	9.6	16
97	Electrostatic Dissipating Properties of Poly(oxyethylene)amine-Modified Polyamides. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>1998</b> , 37, 4284-4289	3.9	16
96	Organically modified clays as rheology modifiers and dispersing agents for epoxy packing of white LED. <i>Composites Science and Technology</i> , <b>2016</b> , 132, 9-15	8.6	15
95	Effective removal of Microcystis aeruginosa and microcystin-LR using nanosilicate platelets. <i>Chemosphere</i> , <b>2014</b> , 99, 49-55	8.4	15
94	Evenly distributed thin-film Ag coating on stainless plate by tricomponent Ag/silicate/PU with antimicrobial and biocompatible properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 20324-33	9.5	15
93	Well-Defined Polyamide Synthesis from Diisocyanates and Diacids Involving Hindered Carbodiimide Intermediates. <i>Macromolecules</i> , <b>2011</b> , 44, 46-59	5.5	15
92	Hierarchical synthesis of silver nanoparticles and wires by copolymer templates and visible light. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 352, 81-6	9.3	15
91	Thermal stability of poly(oxyalkylene)amine-grafted polypropylene copolymers. <i>Polymer Degradation and Stability</i> , <b>2000</b> , 70, 171-184	4.7	15
90	Hydrophilicity, crystallinity and electrostatic dissipating properties of poly(oxyethylene)-segmented polyurethanes. <i>Polymer International</i> , <b>1999</b> , 48, 57-62	3.3	15



89	ZnO double layer film with a novel organic sensitizer as an efficient photoelectrode for dye-sensitized solar cells. <i>Journal of Power Sources</i> , <b>2016</b> , 325, 209-219	8.9	14
88	A platinum film with organized pores for the counter electrode in dye-sensitized solar cells. <i>Journal of Power Sources</i> , <b>2013</b> , 239, 496-499	8.9	14
87	Self-assembled clay films with a platelet-void multilayered nanostructure and flame-blocking properties. <i>Scientific Reports</i> , <b>2013</b> , 3, 2621	4.9	14
86	Preparation and electrostatic dissipating properties of poly(oxyalkylene)imide grafted polypropylene copolymers. <i>Polymer</i> , <b>2000</b> , 41, 2405-2417	3.9	14
85	Nanocomposites with enhanced electrical properties based on biodegradable poly(butylene succinate) and polyetheramine modified carbon nanotube. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2012</b> , 43, 322-328	5.3	13
84	Fine Dispersion and Property Differentiation of Nanoscale Silicate Platelets and Spheres in Epoxy Nanocomposites. <i>Polymer Journal</i> , <b>2005</b> , 37, 239-245	2.7	13
83	Electrospun nanofibers composed of poly(vinylidene fluoride-co-hexafluoropropylene) and poly(oxyethylene)-imide imidazolium tetrafluoroborate as electrolytes for solid-state electrochromic devices. <i>Solar Energy Materials and Solar Cells</i> , <b>2018</b> , 177, 32-43	6.4	12
82	Tailoring pigment dispersants with polyisobutylene twin-tail structures for electrowetting display application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 14345-52	9.5	12
81	A stepwise mechanism for intercalating hydrophobic organics into multilayered clay nanostructures. <i>RSC Advances</i> , <b>2013</b> , 3, 12847	3.7	12
80	Enhancing silver nanoparticle and antimicrobial efficacy by the exfoliated clay nanoplatelets. <i>RSC Advances</i> , <b>2013</b> , 3, 7392	3.7	12
79	Temperature and pH-responsive properties of poly(styrene-co-maleic anhydride)-grafting poly(oxypropylene)-amines. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 336, 82-9	9.3	12
78	Synergistic effect of silicate clay and phosphazene-oxyalkyleneamines on thermal stability of cured epoxies. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 343, 209-16	9.3	12
77	Amphiphilic silver-delaminated clay nanohybrids and their composites with polyurethane: physico-chemical and biological evaluations. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 2178-2189	7.3	11
76	General Intercalation of Poly(oxyalkylene)Amidoacids for Anionic and Cationic Layered Clays. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2010</b> , 49, 5001-5005	3.9	10
75	Mechanism of Silicate Platelet Self-Organization during Clay-Initiated Epoxy Polymerization. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 10373-10378	3.8	10
74	Compatibilization of PS and PA6 Blends by Means of Poly(oxyalkylene)amine Modified Styrene-Maleic Anhydride Copolymer. <i>Journal of Polymer Research</i> , <b>2005</b> , 12, 439-447	2.7	10
73	Orderly arranged NLO materials on exfoliated layered templates based on dendrons with alternating moieties at the periphery. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 2747	4.9	9
72	Inhibition of fumonisin B1 cytotoxicity by nanosilicate platelets during mouse embryo development. <i>PLoS ONE</i> , <b>2014</b> , 9, e112290	3.7	9



71	Molecular-level dispersion of phosphazene/clay hybrids in polyurethane and synergistic influences on thermal and UV resistance. <i>Polymer</i> , <b>2012</b> , 53, 4060-4068	3.9	9
70	Glass transition and exclusion model in crystallization of polyether/polyester block copolymers with amide linkages. <i>Polymer</i> , <b>2002</b> , 43, 1365-1373	3.9	9
69	Formation Mechanism and Characterization of Ag/Metal Chelate Polymer Prepared by a Wet Chemical Process. <i>Japanese Journal of Applied Physics</i> , <b>2005</b> , 44, 6332-6340	1.4	9
68	Preparation and epoxy curing of p-nonylphenol/dicyclopentadiene adducts. <i>Journal of Applied Polymer Science</i> , <b>1999</b> , 74, 2196-2206	2.9	9
67	Aromatic polyoxyalkylene amidoamines as curatives for epoxy resins [Derivatives from t-butyl isophthalic acid. <i>Journal of Polymer Research</i> , <b>1996</b> , 3, 97-104	2.7	9
66	Effect of grafting architecture on the surfactant-like behavior of clay-poly(NiPAAm) nanohybrids. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 387, 106-14	9.3	8
65	The biocompatibility and antimicrobial activity of nanocomposites from polyurethane and nano silicate platelets. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2011</b> , 99, 192-202	5.4	8
64	Aqueous dispersion of conjugated polymers by colloidal clays and their film photoluminescence. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 1897-902	3.4	8
63	Tandem synthesis of silver nanoparticles and nanorods in the presence of poly(oxyethylene)-amidoacid template. <i>European Polymer Journal</i> , <b>2011</b> , 47, 1383-1389	5.2	8
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54	Fine dispersion of phosphazene-amines and silicate platelets in epoxy nanocomposites and the synergistic fire-retarding effect. <i>Journal of Polymer Research</i> , <b>2014</b> , 21, 1	2.7	6

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50	Facile Fabrication of Flexible Electrodes and Immobilization of Silver Nanoparticles on Nanoscale Silicate Platelets to Form Highly Conductive Nanohybrid Films for Wearable Electronic Devices. <i>Nanomaterials</i> , <b>2019</b> , 10,	5.4	6
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45	Thermal Stability and Combustion Behaviors of Poly(oxybutylene)amides. <i>Polymer Journal</i> , <b>2002</b> , 34, 72-80	2.7	5
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41	Thin film morphologies of pi-conjugated rod-coil block copolymers with thermoresponsive property: a combined experimental and molecular simulation study. <i>Journal of Chemical Physics</i> , <b>2010</b> , 132, 214901	3.9	4
40	Formation of hierarchical molecular assemblies from poly(oxypropylene)-segmented amido acids under AFM tapping. <i>Langmuir</i> , <b>2007</b> , 23, 4108-11	4	4
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36	Passively mode-locked lasers using saturable absorber incorporating dispersed single-wall carbon nanotubes <b>2009</b> ,		3

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33	Crystallization kinetics for low-ether-content polyetherpolyester block copolymers with amide linkages. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2001</b> , 39, 2469-2480	2.6	3
32	Synthesis and in situ transformation of poly(oxybutylene)amides by butoxylation. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 82, 435-445	2.9	3
31	Phase behaviors of poly(oxyethylene)-grafted polypropylene copolymers. <i>Journal of Polymer Research</i> , <b>2000</b> , 7, 21-28	2.7	3
30	A Method to Prepare Magnetic Nanosilicate Platelets for Effective Removal of Microcystis aeruginosa and Microcystin-LR. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1600, 85-94	1.4	2
29	Functionalizing and molecular bonding nanoscale silicate-polymer composites of epoxies and Polyacrylates. <i>Journal of Polymer Research</i> , <b>2017</b> , 24, 1	2.7	2
28	Unusual exfoliation of layered silicate clays by non-aqueous amine diffusion mechanism. <i>Journal of Polymer Research</i> , <b>2016</b> , 23, 1	2.7	2
27	Polymer-assisted dispersion of carbon nanotubes and silver nanoparticles and their applications. <i>RSC Advances</i> , <b>2013</b> , 3, 22436	3.7	2
26	Performance of Graphene Mediated Saturable Absorber on Stable Mode-Locked Fiber Lasers Employing Different Nano-Dispersants. <i>Journal of Lightwave Technology</i> , <b>2012</b> , 30, 3413-3419	4	2
25	Hierarchical rearrangement of self-assembled molecular bundle strands from poly(oxyethylene)-segmented amido acids. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 6240-5	3.4	2
24	Reactive Tetramethylpiperidine-Containing Poly(oxypropylenediamines) as Light Stabilizers. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>1997</b> , 36, 1944-1947	3.9	2
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20	Composition of nanoclay supported silver nanoparticles in furtherance of mitigating cytotoxicity and genotoxicity. <i>PLoS ONE</i> , <b>2021</b> , 16, e0247531	3.7	2
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18	Novel Polymer Gel Electrolytes with Poly(oxyethylene)-Amidoacid Microstructures for Highly Efficient Quasi-Solid-State Dye-Sensitized Solar Cells. <i>Materials Research Society Symposia Proceedings</i> , <b>2014</b> , 1667, 32		1

17	Effect of Photo-initiator on Photosensitive Emission Polymer. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , <b>2013</b> , 26, 757-764	0.7	1
16	Self-assembled and crystallized composites made from poly(ether amine) and montmorillonite in the presence of copper(II) ions. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 119, 3437-3445	2.9	1
15	Copper-ion-assisted self-assembly of silicate clays in rod- and disklike morphologies. <i>Langmuir</i> , <b>2010</b> , 26, 10177-82	4	1
14	Amphiphilic Poly(Oxyalkylene)-Amines Interacting with Layered Clays: Intercalation, Exfoliation, and New Applications459-480		1
13	Hierarchical Transformation of Silver Morphologies on Clay Film from Spheres, Cubes, Rods to Lengthy Nano-Wires. <i>Materials Research Society Symposia Proceedings</i> , <b>2012</b> , 1450, 19		1
12	Hydrophobic Intercalation of Layered Silicate Clays and Hierarchical Self-Assemblies via Platelet-Shape Directing. <i>Macromolecular Symposia</i> , <b>2009</b> , 279, 119-124	0.8	1
11	Easy preparation of crosslinked polymer films from polyoxyalkylene diamine and poly(styrene $\epsilon$ maleic anhydride) for electrostatic dissipation. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 103, 716-723	2.9	1
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9	Poly(oxyethylene)diamine-derived hydrophilic copolymers for emulsifying diglycidylether of bisphenol-A. <i>Journal of Applied Polymer Science</i> , <b>2004</b> , 94, 1797-1802	2.9	1
8	Immobilization of Air-Stable Copper Nanoparticles on Graphene Oxide Flexible Hybrid Films for Smart Clothes.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	1
7	Synthesis and in situ transformation of poly(oxybutylene)amides by butoxylation <b>2001</b> , 82, 435		1
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5	Clay films with variable metal ions and self-assembled silicate layer-void nanostructures. <i>RSC Advances</i> , <b>2014</b> , 4, 6356	3.7	
4	First Evidence of Singlet Oxygen Species Mechanism in Silicate Clay for Antimicrobial Behavior. <i>Materials Research Society Symposia Proceedings</i> , <b>2013</b> , 1569, 67-72		
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1	Effect of Photoelectron on the Condensed Film of Poly(oxypropylene)amine Intercalated Silicates. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , <b>2008</b> , 21, 15-19	0.7	