

# Ru-Jong Jeng

## List of Publications by Year in descending order

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227  
papers

6,007  
citations

76326

40  
h-index

114465

63  
g-index

230  
all docs

230  
docs citations

230  
times ranked

6334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Immobilization of Air-Stable Copper Nanoparticles on Graphene Oxide Flexible Hybrid Films for Smart Clothes. <i>Polymers</i> , 2022, 14, 237.	4.5	4
2	Chromatic Fulleropyrrolidine as Long-Lived Metal-Free Catalyst for CO <sub>2</sub> Photoreduction Reaction. <i>ChemSusChem</i> , 2022, 15, .	6.8	4
3	Novel strategy for flexible and super-hydrophobic SERS substrate fabricated by deposited gold nanoislands on organic semiconductor nanostructures for bio-detection. <i>Surface and Coatings Technology</i> , 2022, 435, 128251.	4.8	8
4	Thermoresponsive SERS Nanocapsules Constructed by Linear-Dendritic Poly(urea/malonamide) for Tunable Biomolecule Detection. <i>ACS Applied Polymer Materials</i> , 2022, 4, 240-249.	4.4	5
5	Amphiphilic Thermoresponsive Poly(Hydroxyaminoethers) as Effective Emulsifiers for Preparation of Waterborne Epoxy Resins. <i>Macromolecular Materials and Engineering</i> , 2022, 307, .	3.6	3
6	Fabrication of in situ magnetic capturing and Raman enhancing nanoplatelets for detection of bacteria and biomolecules. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129189.	4.7	5
7	A facile strategy to achieve polyurethane vitrimers from chemical recycling of poly(carbonate). <i>Chemical Engineering Journal Advances</i> , 2022, 11, 100316.	5.2	5
8	Optimization of the carrier recombination and transmission properties in perovskite LEDs by doping poly (4-vinylpyridine) and graphene quantum dots made of chitin. <i>Chemical Engineering Journal</i> , 2022, 444, 136518.	12.7	8
9	Solution-Processable Naphthalene Diimide-Based Conjugated Polymers as Organocatalysts for Photocatalytic CO <sub>2</sub> Reaction with Extremely Stable Catalytic Activity for Over 330 Hours. <i>Chemistry of Materials</i> , 2022, 34, 4955-4963.	6.7	8
10	Effects of monomer rigidity on microstructures and properties of novel polyamide thin-film composite membranes prepared through interfacial polymerization for pervaporation dehydration. <i>Journal of Membrane Science</i> , 2022, 657, 120702.	8.2	9
11	Intelligent and thermo-responsive Au-pluronic® F127 nanocapsules for Raman-enhancing detection of biomolecules. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 279, 121475.	3.9	4
12	Spiro-Twisted Benzoxazine Derivatives Bearing Nitrile Group for All-Solid-State Polymer Electrolytes in Lithium Batteries. <i>Polymers</i> , 2022, 14, 2869.	4.5	1
13	Reduced graphene oxide nanosheets decorated with core-shell of Fe <sub>3</sub> O <sub>4</sub> -Au nanoparticles for rapid SERS detection and hyperthermia treatment of bacteria. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 281, 121578.	3.9	12
14	Robust thermoplastic polyurethane elastomers prepared from recycling polycarbonate. <i>Polymer</i> , 2021, 212, 123296.	3.8	14
15	Improved Blend Film Morphology and Free Carrier Generation Provide a High-Performance Ternary Polymer Solar Cell. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 1076-1085.	8.0	62
16	A novel multifunctional polymer ionic liquid as an additive in iodide electrolyte combined with silver mirror coating counter electrodes for quasi-solid-state dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2021, 9, 4907-4921.	10.3	17
17	Semi-Interpenetrating Polymer Network Electrolytes Based on a Spiro-Twisted Benzoxazine for All-Solid-State Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 2663-2671.	5.1	14
18	Dendritic-based co-adsorbents for dye-sensitized solar cells: Effect of the generations and alkyl chain lengths. <i>Synthetic Metals</i> , 2021, 274, 116711.	3.9	1

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19	Elucidating the Efficiency of Polymer Solar Cells Based on Dicyano-Substituted Vinylene-“Thienothiophenylene”-Vinylene-“Benzodithiophenylene Copolymers: $\hat{I}^2$ -Isomers Outperform $\hat{I}^{\pm}$ -Isomers. <i>Macromolecules</i> , 2021, 54, 7849-7861.	4.8	3
20	Realizing Stable High-Performance and Low-Energy-Loss Ternary Photovoltaics through Judicious Selection of the Third Component. <i>Solar Rrl</i> , 2021, 5, 2100450.	5.8	18
21	Greater miscibility and energy level alignment of conjugated polymers enhance the optoelectronic properties of ternary blend films in organic photovoltaics. <i>Dyes and Pigments</i> , 2021, 193, 109543.	3.7	6
22	Epoxy-Based Interlocking Membranes for All Solid-State Lithium Ion Batteries: The Effects of Amine Curing Agents on Electrochemical Properties. <i>Polymers</i> , 2021, 13, 3244.	4.5	5
23	Indacenodithiophene-based N-type conjugated polymers provide highly thermally stable ternary organic photovoltaics displaying a performance of 17.5%. <i>Journal of Materials Chemistry A</i> , 2021, 9, 9780-9790.	10.3	23
24	Small Molecules with Controllable Molecular Weights Passivate Surface Defects in Air-Stable $p\text{-}\hat{I}^{\pm}$ Perovskite Solar Cells. <i>Advanced Electronic Materials</i> , 2021, 7, 2000870.	5.1	18
25	Sustainable Synthesis of Cyclic Carbonates from Terminal Epoxides by a Highly Efficient $\text{CaI}_{2\text{>2</sub>}/1,3\text{-Bis[tris(hydroxymethyl)-methylamino]-propane}$ Catalyst. <i>ACS Omega</i> , 2021, 6, 27279-27287.	3.5	6
26	Tough Polymer Electrolyte with an Intrinsically Stabilized Interface with Li Metal for All-Solid-State Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2021, 125, 26339-26347.	3.1	10
27	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> , 2020, 10, 65.	4.1	8
28	A Near-Infrared Absorption Small Molecule Acceptor for High-Performance Semitransparent and Colorful Binary and Ternary Organic Photovoltaics. <i>ChemSusChem</i> , 2020, 13, 903-913.	6.8	37
29	Surface properties of buffer layers affect the performance of PM6:Y6-based organic photovoltaics. <i>Organic Electronics</i> , 2020, 87, 105944.	2.6	19
30	Conjugated polyelectrolytes as promising hole transport materials for inverted perovskite solar cells: effect of ionic groups. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25173-25177.	10.3	14
31	High-Performance Semitransparent Organic Photovoltaics Featuring a Surface Phase-Matched Transmission-Enhancing Ag/ITO Electrode. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 39496-39504.	8.0	32
32	Metal-free efficient dye-sensitized solar cells based on thioalkylated bithiophenyl organic dyes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15322-15330.	5.5	20
33	Size-dependent phase separation and thermomechanical properties of thermoplastic polyurethanes. <i>Polymer</i> , 2020, 210, 123075.	3.8	14
34	Design of Thienothiophene-Based Copolymers with Various Side Chain-End Groups for Efficient Polymer Solar Cells. <i>Polymers</i> , 2020, 12, 2964.	4.5	2
35	Green poly-lysine as electron-extraction modified layer with over 15% power conversion efficiency and its application in bio-based flexible organic solar cells. <i>Organic Electronics</i> , 2020, 87, 105924.	2.6	18
36	Facile synthesis toward self-dispersible waterborne comb-like Poly(hydroxyaminoethers). <i>Polymer</i> , 2020, 196, 122464.	3.8	5

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37	Highly crystalline two-dimensional copolymer with dominant face-on orientation for high performance polymer solar cells. <i>European Polymer Journal</i> , 2020, 134, 109799.	5.4	2
38	The role of Y6 as the third component in fullerene-free ternary organic photovoltaics. <i>Dyes and Pigments</i> , 2020, 181, 108613.	3.7	25
39	Commercially available jeffamine additives for perovskite solar cells. <i>Nanotechnology</i> , 2020, 31, 274002.	2.6	7
40	Evaluation of Carbon Dioxide-Based Urethane Acrylate Composites for Sealers of Root Canal Obturation. <i>Polymers</i> , 2020, 12, 482.	4.5	5
41	Silver nanoparticles embedded on mesoporous-silica modified reduced graphene-oxide nanosheets for SERS detection of uremic toxins and parathyroid hormone. <i>Applied Surface Science</i> , 2020, 521, 146372.	6.1	25
42	A facile strategy to achieve fully bio-based epoxy thermosets from eugenol. <i>Green Chemistry</i> , 2019, 21, 4475-4488.	9.0	95
43	Mesoporous Silica Nanospheres Decorated by Ag Nanoparticle Arrays with 5 nm Interparticle Gap Exhibit Insignificant Hot-Spot Raman Enhancing Effect. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18528-18535.	3.1	8
44	Synthesis and properties of polyurea/malonamide dendritic co-adsorbents for dye-sensitized solar cells. <i>Polymer</i> , 2019, 179, 121673.	3.8	6
45	In Search of a Green Process: Polymeric Films with Ordered Arrays via a Water Droplet Technique. <i>Polymers</i> , 2019, 11, 1473.	4.5	2
46	A Facile Synthetic Route to Ether Diols Derived from 1,1-Cyclopentenylenylbisphenol for Robust Cardo-Type Polyurethanes. <i>Macromolecules</i> , 2019, 52, 959-967.	4.8	6
47	Floating SERS substrates of silver nanoparticles-graphene based nanosheets for rapid detection of biomolecules and clinical uremic toxins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 576, 36-42.	4.7	30
48	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> , 2019, 11, 25090-25099.	8.0	29
49	Enhancing performance of nonvolatile transistor memories via electron-accepting composition in triphenylamine-based random copolymers. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1113-1121.	2.3	9
50	The green poly-lysine enantiomers as electron-extraction layers for high performance organic photovoltaics. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12572-12579.	5.5	15
51	Synthesis and Properties of Cyclopentyl Cardo-Type Polyimides Based on Dicyclopentadiene. <i>Polymers</i> , 2019, 11, 2029.	4.5	4
52	Enhanced Device Performance and Stability of Organic Photovoltaics Incorporating a Star-Shaped Multifunctional Additive. <i>ACS Applied Energy Materials</i> , 2019, 2, 833-843.	5.1	14
53	Manipulated interparticle gaps of silver nanoparticles by dendron-exfoliated reduced graphene oxide nanohybrids for SERS detection. <i>Applied Surface Science</i> , 2019, 469, 887-895.	6.1	22
54	Si-Bridged Ladder-Type Small-Molecule Acceptors for High-Performance Organic Photovoltaics. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 1125-1134.	8.0	15

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55	Identification of the reaction mechanism between phenyl methacrylate and epoxy and its application in preparing low-dielectric epoxy thermosets with flexibility. <i>Polymer</i> , 2018, 140, 225-232.	3.8	33
56	Embedding a Diketopyrrolopyrrole-Based Cross-linking Interfacial Layer Enhances the Performance of Organic Photovoltaics. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 8885-8892.	8.0	15
57	Surface-enhanced Raman scattering of alkyne-conjugated MoS <sub>2</sub> : a comparative study between metallic and semiconductor phases. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1071-1082.	5.5	31
58	Bipolar 9-linked carbazole- $\beta$ -dimesitylborane fluorophores for nondoped blue OLEDs and red phosphorescent OLEDs. <i>Dyes and Pigments</i> , 2018, 157, 101-108.	3.7	8
59	Honeycomb Surface with Shape Memory Behavior Fabricated via Breath Figure Process. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1700433.	3.6	13
60	Novel Multifunctional Luminescent Electrospun Fluorescent Nanofiber Chemosensor-Filters and Their Versatile Sensing of pH, Temperature, and Metal Ions. <i>Polymers</i> , 2018, 10, 1259.	4.5	18
61	Perovskite Solar Cells: Carbon Nanodot Additives Realize High-Performance Air-Stable $\text{p}^{\text{n}}$ Perovskite Solar Cells Providing Efficiencies of up to 20.2% ( <i>Adv. Energy Mater.</i> 34/2018). <i>Advanced Energy Materials</i> , 2018, 8, 1870147.	19.5	3
62	Carbon Nanodot Additives Realize High-Performance Air-Stable $\text{p}^{\text{n}}$ Perovskite Solar Cells Providing Efficiencies of up to 20.2%. <i>Advanced Energy Materials</i> , 2018, 8, 1802323.	19.5	86
63	A star-shaped conjugated molecule featuring a triazole core and diketopyrrolopyrrole branches is an efficient electron-selective interlayer for inverted polymer solar cells. <i>RSC Advances</i> , 2018, 8, 31478-31489.	3.6	6
64	The Twisted Benzo[ghi]perylene-triimide Dimer as a 3D Electron Acceptor for Fullerene-Free Organic Photovoltaics. <i>Chemistry - A European Journal</i> , 2018, 24, 17590-17597.	3.3	9
65	100% Atom-Economy Efficiency of Recycling Polycarbonate into Versatile Intermediates. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8964-8975.	6.7	56
66	Preparation, characterization and crystallization kinetics of Kenaf fiber/multi-walled carbon nanotube/poly(lactic acid) (PLA) green composites. <i>Materials Chemistry and Physics</i> , 2017, 196, 249-255.	4.0	56
67	Novel fluorescent chemosensory filter membranes composed of electrospun nanofibers with ultra-selective and reversible pH and Hg <sup>2+</sup> sensing characteristics. <i>Dyes and Pigments</i> , 2017, 143, 129-142.	3.7	30
68	Visibly transparent conjugated polymers based on non-alternant cyclopenta-fused emeraldicene for polymer solar cells. <i>Organic Electronics</i> , 2017, 49, 114-122.	2.6	6
69	Synthesis of di(ethylene glycol)-functionalized diketopyrrolopyrrole derivative-based side chain-conjugated polymers for bulk heterojunction solar cells. <i>RSC Advances</i> , 2017, 7, 1016-1025.	3.6	7
70	Frontispiece: Structure-Property Relationship Study of Donor and Acceptor 2,6-Disubstituted BODIPY Derivatives for High Performance Dye-Sensitized Solar Cells. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0
71	Structure-Property Relationship Study of Donor and Acceptor 2,6-Disubstituted BODIPY Derivatives for High Performance Dye-Sensitized Solar Cells. <i>Chemistry - A European Journal</i> , 2017, 23, 14747-14759.	3.3	19
72	A strategy for preparing spirobichroman dianhydride from bisphenol A and its resulting polyimide with low dielectric characteristic. <i>RSC Advances</i> , 2017, 7, 1101-1109.	3.6	8

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73	Au Nanoparticles Immobilized on Honeycomb-Like Polymeric Films for Surface-Enhanced Raman Scattering (SERS) Detection. <i>Polymers</i> , 2017, 9, 93.	4.5	37
74	Iterative synthesis of monodisperse pendants for making comb-like polyurethanes. <i>Polymer</i> , 2017, 119, 1-12.	3.8	15
75	Environment-noise-free optical heterodyne retardation measurement using a double-pass acousto-optic frequency shifter. <i>Optics Letters</i> , 2016, 41, 5138.	3.3	5
76	Insight into the mechanism and outcoupling enhancement of excimer-associated white light generation. <i>Chemical Science</i> , 2016, 7, 3556-3563.	7.4	108
77	Tailored honeycomb-like polymeric films based on amphiphilic poly(urea/malonamide) dendrons. <i>RSC Advances</i> , 2016, 6, 91981-91990.	3.6	13
78	Enhanced thermal stability of organic photovoltaics via incorporating triphenylamine derivatives as additives. <i>Solar Energy Materials and Solar Cells</i> , 2016, 157, 666-675.	6.2	24
79	Dendrons with urea/malonamide linkages for gate insulators of n-channel organic thin film transistors. <i>Reactive and Functional Polymers</i> , 2016, 108, 86-93.	4.1	9
80	The robustness of a thermoset of a main-chain type polybenzoxazine precursor prepared through a strategy of A <sup>2</sup> and B <sup>3</sup> polycondensation. <i>RSC Advances</i> , 2016, 6, 18678-18684.	3.6	22
81	A study on the co-reaction of benzoxazine and triazine through a triazine-containing benzoxazine. <i>RSC Advances</i> , 2016, 6, 17539-17545.	3.6	15
82	MoS <sub>2</sub> -Gd Chelate Magnetic Nanomaterials with Core-Shell Structure Used as Contrast Agents in <i>in Vivo</i> Magnetic Resonance Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 1827-1835.	8.0	40
83	Enhanced photovoltaic performance of inverted polymer solar cells by incorporating graphene nanosheet/AgNPs nanohybrids. <i>RSC Advances</i> , 2015, 5, 25192-25203.	3.6	14
84	Star-shaped organic semiconductors with planar triazine core and diketopyrrolopyrrole branches for solution-processed small-molecule organic solar cells. <i>Dyes and Pigments</i> , 2015, 115, 35-49.	3.7	36
85	Study on the Ring-Opening Polymerization of Benzoxazine through Multisubstituted Polybenzoxazine Precursors. <i>Macromolecules</i> , 2015, 48, 530-535.	4.8	68
86	Enhanced shape memory performance of polyurethanes via the incorporation of organic or inorganic networks. <i>RSC Advances</i> , 2015, 5, 16897-16910.	3.6	21
87	Peripheral group effects on the photophysical and photovoltaic properties of bulk-heterojunction type solar cells based on star-shaped conjugate molecules with triphenylamine core. <i>Materials Chemistry and Physics</i> , 2015, 163, 138-151.	4.0	8
88	Origin of the Rapid Trimerization of Cyanate Ester in a Benzoxazine/Cyanate Ester Blend. <i>Macromolecules</i> , 2015, 48, 2417-2421.	4.8	22
89	High-performance and high-durability perovskite photovoltaic devices prepared using ethylammonium iodide as an additive. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9271-9277.	10.3	87
90	Enhanced efficiency of organic and perovskite photovoltaics from shape-dependent broadband plasmonic effects of silver nanoplates. <i>Solar Energy Materials and Solar Cells</i> , 2015, 140, 224-231.	6.2	77

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91	Fabrication of Gold Nanoparticles/Graphene-PDDA Nanohybrids for Bio-detection by SERS Nanotechnology. <i>Nanoscale Research Letters</i> , 2015, 10, 397.	5.7	51
92	Facile Solution Dropping Method: A Green Process for Dyeing TiO <sub>2</sub> Electrodes of Dye-Sensitized Solar Cells with Enhanced Power Conversion Efficiency. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 71-81.	6.7	12
93	Polythiophenes Comprising Conjugated Pendants for Polymer Solar Cells: A Review. <i>Materials</i> , 2014, 7, 2411-2439.	2.9	56
94	Highly concentrated MoS <sub>2</sub> nanosheets in water achieved by thioglycolic acid as stabilizer and used as biomarkers. <i>RSC Advances</i> , 2014, 4, 42936-42941.	3.6	66
95	Honeycomb-like polymeric films from dendritic polymers presenting reactive pendent moieties. <i>Polymer</i> , 2014, 55, 1481-1490.	3.8	19
96	Polythiophenes comprising conjugated pendants toward long-term air-stable inverted polymer solar cells with high open circuit voltages. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8950.	10.3	9
97	Determination of critical micelle concentration of dendritic surfactant synthesized via a selective ring-opening addition reaction. <i>Microchemical Journal</i> , 2013, 110, 48-53.	4.5	5
98	New carbazole-substituted anthracene derivatives based non-doped blue light-emitting devices with high brightness and efficiency. <i>Dyes and Pigments</i> , 2013, 99, 577-587.	3.7	36
99	Orderly arranged NLO materials on exfoliated layered templates based on dendrons with alternating moieties at the periphery. <i>Polymer Chemistry</i> , 2013, 4, 2747.	3.9	10
100	Nonlinear optical hyperbranched polyaspartimide/montmorillonite nanocomposites based on reactive fluorine- or phosphorous-containing organoclays. <i>Polymer</i> , 2013, 54, 3850-3859.	3.8	7
101	Novel polythiophene derivatives functionalized with conjugated side-chain pendants comprising triphenylamine/carbazole moieties for photovoltaic cell applications. <i>Polymer Chemistry</i> , 2013, 4, 506-519.	3.9	30
102	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> , 2012, 43, 322-328.	5.3	15
103	Preparation of Supramolecular Extenders with Precise Chain Lengths via Iterative Synthesis and Their Applications in Polyurethane Elastomers. <i>Macromolecules</i> , 2012, 45, 5358-5370.	4.8	14
104	Synthesis and photovoltaic properties of two-dimensional conjugated polythiophene derivatives presenting conjugated triphenylamine/thiophene moieties. <i>Polymer</i> , 2012, 53, 4091-4103.	3.8	21
105	Organic/Metallic Nanohybrids Based on Amphiphilic Dumbbell-Shaped Dendrimers. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 1897-1908.	8.0	23
106	Individual graphene oxide platelets through direct molecular exfoliation with globular amphiphilic hyperbranched polymers. <i>Polymer Chemistry</i> , 2012, 3, 1249.	3.9	26
107	Polythiophene derivatives functionalized with maleimide moiety as pendant for bulk heterojunction photovoltaic cells. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	6
108	Efficient non-doped blue light emitting diodes based on novel carbazole-substituted anthracene derivatives. <i>Organic Electronics</i> , 2012, 13, 43-52.	2.6	37



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109	Poly(urethane/malonamide) dendritic structures featuring blocked/deblocked isocyanate units. <i>Polymer Chemistry</i> , 2011, 2, 1139-1145.	3.9	6
110	Exfoliation of layered silicates through in situ controlled free radical polymerization mediated by a silicate-anchored initiator. <i>Polymer Chemistry</i> , 2011, 2, 2341.	3.9	8
111	Well-Defined Polyamide Synthesis from Diisocyanates and Diacids Involving Hindered Carbodiimide Intermediates. <i>Macromolecules</i> , 2011, 44, 46-59.	4.8	20
112	Sequential self-repetitive reaction toward wholly aromatic polyimides with highly stable optical nonlinearity. <i>Polymer Chemistry</i> , 2011, 2, 685-693.	3.9	21
113	Single-Layered Graphene Oxide Nanosheet/Polyaniline Hybrids Fabricated Through Direct Molecular Exfoliation. <i>Langmuir</i> , 2011, 27, 14563-14569.	3.5	58
114	Thermally stable hyperbranched nonlinear optical polyimides using an $A_2+B_3$ approach. <i>Materials Chemistry and Physics</i> , 2011, 127, 107-113.	4.0	10
115	Using a breath-figure method to self-organize honeycomb-like polymeric films from dendritic side-chain polymers. <i>Materials Chemistry and Physics</i> , 2011, 128, 157-165.	4.0	26
116	A reactive modifier that enhances the thermal mechanical properties of epoxy resin through the formation of multiple hydrogen-bonded network. <i>Journal of Polymer Research</i> , 2011, 18, 1169-1176.	2.4	13
117	Electrochemical impedance characterization and photovoltaic performance of N719 dye-sensitized solar cells using quaternized ammonium iodide containing polyfluorene electrolyte solutions. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1650-1657.	3.2	9
118	Synthesis of quaternized ammonium iodide-containing conjugated polymer electrolytes and their application in dye-sensitized solar cells. <i>Polymer International</i> , 2011, 60, 483-492.	3.1	11
119	Tailored thermal and mechanical properties of epoxy resins prepared using multiply hydrogen-bonding reactive modifiers. <i>Journal of Applied Polymer Science</i> , 2011, 120, 2411-2420.	2.6	14
120	Bulky side-chain density effect on the photophysical, electrochemical and photovoltaic properties of polythiophene derivatives. <i>Polymer</i> , 2011, 52, 326-338.	3.8	30
121	Carbazole/fluorene copolymers with dimethylboron pendants for blue light-emitting diodes. <i>Polymer</i> , 2011, 52, 976-986.	3.8	22
122	Polythiophene derivative comprising carbazoles as pendant groups for polymer solar cell applications. <i>Thin Solid Films</i> , 2011, 519, 5264-5269.	1.8	10
123	Nanoscale organic/inorganic hybrids based on self-organized dendritic macromolecules on montmorillonites. <i>Applied Clay Science</i> , 2010, 48, 103-110.	5.2	20
124	The facile synthesis and optical nonlinearity of hyperbranched polyaspartimides with azobenzene dyes. <i>Dyes and Pigments</i> , 2009, 82, 31-39.	3.7	17
125	Nonlinear optical, poly(amide-imide)-clay nanocomposites comprising an azobenzene moiety synthesised via sequential self-repetitive reaction. <i>Dyes and Pigments</i> , 2009, 82, 76-83.	3.7	17
126	Nonlinear optical polyimides consisting of chromophore-containing dendrons with site-isolation effect. <i>Polymers for Advanced Technologies</i> , 2009, 20, 493-500.	3.2	9



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127	Functionalization of silica nanoparticles with 4-isocyanato-4-(3,3-dimethyl-2,4-dioxo-azetidino)diphenyl methane, surface chemical reactivity and nanohybrid preparation. <i>Journal of Colloid and Interface Science</i> , 2009, 336, 189-194.	9.4	10
128	Facile Synthetic Route Toward High Conversion Primary Aliphatic Poly(vinyl benzyl isocyanate) via Iodination. <i>Polymer Journal</i> , 2009, 41, 1011-1017.	2.7	0
129	Orderly Arranged NLO Materials Based on Chromophore-Containing Dendrons on Exfoliated Layered Templates. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 2371-2381.	8.0	18
130	Superhydrophobic waxy-dendron-grafted polymer films via nanostructure manipulation. <i>Journal of Materials Chemistry</i> , 2009, 19, 4819.	6.7	34
131	Dendronized organic-inorganic nonlinear optical hybrid materials with homogeneous morphology. <i>Synthetic Metals</i> , 2009, 159, 1852-1858.	3.9	5
132	Side chain dendritic polyurethanes with shape-memory effect. <i>Journal of Materials Chemistry</i> , 2009, 19, 8484.	6.7	33
133	Preparation and Supramolecular Self-Assembly of Amphiphilic Dendron-POSS Nanohybrids. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 4623-4632.	0.9	4
134	Nonlinear optical polyimide/montmorillonite nanocomposites consisting of azobenzene dyes. <i>Dyes and Pigments</i> , 2008, 77, 515-524.	3.7	42
135	Efficient and bright non-doped blue light-emitting diodes based on glassy styrylcarbazoles. <i>Thin Solid Films</i> , 2008, 516, 4145-4152.	1.8	13
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