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DOI: 10.1021/cen-v079n052.p029
Chemical & Engineering News, 2001, 79, 29-32.

#	Paper	IF	Citations
25	Functional Polyacetylenes: Synthesis, Thermal Stability, Liquid Crystallinity, and Light Emission of Polypropiolates. *Macromolecules*, **2002**, 35, 8288-8299	5.5	72
24	Polycyclotrimerization of Diynes: Synthesis and Properties of Hyperbranched Polyphenylenes. *Macromolecules*, **2002**, 35, 5821-5834	5.5	78
23	Liquid-crystalline and light-emitting polyacetylenes. *Journal of Polymer Science Part A*, **2003**, 41, 2607-2629	2.5	221
22	Silole-Containing Polyacetylenes. Synthesis, Thermal Stability, Light Emission, Nanodimensional Aggregation, and Restricted Intramolecular Rotation. *Macromolecules*, **2003**, 36, 1108-1117	5.5	220
21	Synthesis, Light Emission, Nanoaggregation, and Restricted Intramolecular Rotation of 1,1-Substituted 2,3,4,5-Tetraphenylsiloles. *Chemistry of Materials*, **2003**, 15, 1535-1546	9.6	983
20	Hyperbranched Poly(phenylenesilolene)s: Synthesis, Thermal Stability, Electronic Conjugation, Optical Power Limiting, and Cooling-Enhanced Light Emission. *Macromolecules*, **2003**, 36, 4319-4327	5.5	176
19	UNUSUAL ELECTRONIC AND PHOTONIC BEHAVIORS OF LINEAR POLY(SILOLYLACETYLENE)S AND HYPERBRANCHED POLY(SILOLYLENEARYLENE)S. *Journal of Nonlinear Optical Physics and Materials*, **2004**, 13, 335-345	0.8	10
18	Studies on the aggregation-induced emission of silole film and crystal by time-resolved fluorescence technique. *Chemical Physics Letters*, **2005**, 402, 468-473	2.5	84
17	Structural control of the photoluminescence of silole regioisomers and their utility as sensitive regiodiscriminating chemosensors and efficient electroluminescent materials. *Journal of Physical Chemistry B*, **2005**, 109, 10061-6	3.4	336
16	Triarylethene-based extended pi-systems: programmable synthesis and photophysical properties. *Journal of Organic Chemistry*, **2005**, 70, 2778-92	4.2	146
15	Making silole photovoltaically active by attaching carbazolyl donor groups to the silolyl acceptor core. *Chemical Communications*, **2005**, 3583-5	5.8	63
14	Tunable aggregation-induced emission of diphenyldibenzofulvenes. *Chemical Communications*, **2006**, 1133-5	5.8	147
13	Multisubstituted Olefins: Platform Synthesis and Applications to Materials Science and Pharmaceutical Chemistry. *Bulletin of the Chemical Society of Japan*, **2006**, 79, 811-824	5.1	53
12	Aggregation-Induced Emission: Effects of Molecular Structure, Solid-State Conformation, and Morphological Packing Arrangement on Light-Emitting Behaviors of Diphenyldibenzofulvene Derivatives. *Journal of Physical Chemistry C*, **2007**, 111, 2287-2294	3.8	237
11	Fluorescence enhancements of benzene-cored luminophors by restricted intramolecular rotations: AIE and AIEE effects. *Chemical Communications*, **2007**, 70-2	5.8	341
10	Endowing hexaphenylsilole with chemical sensory and biological probing properties by attaching amino pendants to the silolyl core. *Chemical Physics Letters*, **2007**, 446, 124-127	2.5	125
9	Protein detection and quantitation by tetraphenylethene-based fluorescent probes with aggregation-induced emission characteristics. *Journal of Physical Chemistry B*, **2007**, 111, 11817-23	3.4	290

8	Aggregation-induced emission: phenomenon, mechanism and applications. *Chemical Communications*, **2009**, 4332-53	5.8	2999
7	New carbazole-based fluorophores: synthesis, characterization, and aggregation-induced emission enhancement. *Journal of Physical Chemistry B*, **2009**, 113, 434-41	3.4	149
6	High-Tg carbazole derivatives as a new class of aggregation-induced emission enhancement materials. *Journal of Materials Chemistry*, **2010**, 20, 7352		83
5	Aggregation-induced emission. *Chemical Society Reviews*, **2011**, 40, 5361-88	58.5	4535
4	Restricted Intramolecular Rotations: a Mechanism for Aggregation-Induced Emission. **2013**, 307-322		9
3	Sensing of biomolecules and label-free discrimination of DNA containing a triple T□/T□ mismatch pair with a fluorescence light-up probe, triazolylpyrene (TNDMBPy). *Tetrahedron Letters*, **2013**, 54, 2627-2632	2	12
2	Aggregation-induced emission: the whole is more brilliant than the parts. *Advanced Materials*, **2014**, 26, 5429-79	24	2216
1	Topology-Controlled AIEE of Iminocoumarin Luminophores. *Chemistry - an Asian Journal*, **2021**, 16, 2723-2728	4.5	1