## Jaume Veciana

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7671438/publications.pdf Version: 2024-02-01



IALIME VECIANA

#	Article	IF	CITATIONS
1	Engineering pH ensitive Stable Nanovesicles for Delivery of MicroRNA Therapeutics. Small, 2022, 18, e2101959.	10.0	13
2	DELOS Nanovesicles-Based Hydrogels: An Advanced Formulation for Topical Use. Pharmaceutics, 2022, 14, 199.	4.5	4
3	Methods for Processing Protein Aggregates into Surfaces. Methods in Molecular Biology, 2022, 2406, 517-530.	0.9	2
4	Methods for the Characterization of Protein Aggregates. Methods in Molecular Biology, 2022, 2406, 479-497.	0.9	2
5	Photoswitching activation of a ferrocenyl-stilbene analogue by its covalent grafting to gold. Physical Chemistry Chemical Physics, 2022, 24, 6185-6192.	2.8	4
6	Quatsomes Formulated with <scp>l</scp> -Prolinol-Derived Surfactants as Antibacterial Nanocarriers of (+)-Usnic Acid with Antioxidant Activity. ACS Applied Nano Materials, 2022, 5, 6140-6148.	5.0	6
7	Enhanced human T cell expansion with inverse opal hydrogels. Biomaterials Science, 2022, 10, 3730-3738.	5.4	9
8	Impact of Chemical Composition on the Nanostructure and Biological Activity of α-Galactosidase-Loaded Nanovesicles for Fabry Disease Treatment. ACS Applied Materials & Interfaces, 2021, 13, 7825-7838.	8.0	16
9	Recombinant Human Epidermal Growth Factor/Quatsome Nanoconjugates: A Robust Topical Delivery System for Complex Wound Healing. Advanced Therapeutics, 2021, 4, 2000260.	3.2	12
10	Allocation of Ambipolar Charges on an Organic Diradical with a Vinylene–Phenylenediyne Bridge. Journal of Physical Chemistry Letters, 2021, 12, 6159-6164.	4.6	2
11	Biasâ€Polarityâ€Dependent Direct and Inverted Marcus Charge Transport Affecting Rectification in a Redoxâ€Active Molecular Junction. Advanced Science, 2021, 8, e2100055.	11.2	14
12	Application of Quality by Design to the robust preparation of a liposomal GLA formulation by DELOS-susp method. Journal of Supercritical Fluids, 2021, 173, 105204.	3.2	18
13	A Trapezoidal Octacyanoquinoid Acceptor Forms Solution and Surface Products by Antiparallel Shape Fitting with Conformational Dipole Momentum Switch. Angewandte Chemie - International Edition, 2021, 60, 17887-17892.	13.8	5
14	Engineering DNAâ€Grafted Quatsomes as Stable Nucleic Acidâ€Responsive Fluorescent Nanovesicles. Advanced Functional Materials, 2021, 31, 2103511.	14.9	9
15	Homogeneous and stable (+)-usnic acid loaded liposomes prepared by compressed CO2. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 624, 126749.	4.7	6
16	Polylactide, Processed by a Foaming Method Using Compressed Freon R134a, for Tissue Engineering. Polymers, 2021, 13, 3453.	4.5	0
17	Exploiting the versatile alkyne-based chemistry for expanding the applications of a stable triphenylmethyl organic radical on surfaces. Chemical Science, 2020, 11, 516-524.	7.4	20
18	An Enantiopure Propellerâ€Like Tritylâ€Brominated Radical: Bringing Together a High Racemization Barrier and an Efficient Circularly Polarized Luminescent Magnetic Emitter. Chemistry - A European Journal, 2020, 26, 3776-3781.	3.3	34

#	Article	IF	CITATIONS
19	Fully Water-Soluble Polyphosphorhydrazone-Based Radical Dendrimers Functionalized with Tyr-PROXYL Radicals as Metal-Free MRI <i>T</i> <sub>1</sub> Contrast Agents. ACS Applied Bio Materials, 2020, 3, 369-376.	4.6	17
20	MKC-Quatsomes: a stable nanovesicle platform for bio-imaging and drug-delivery applications. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 24, 102136.	3.3	17
21	CCL21-loaded 3D hydrogels for T cell expansion and differentiation. Biomaterials, 2020, 259, 120313.	11.4	43
22	Reversal of the Direction of Rectification Induced by Fermi Level Pinning at Molecule–Electrode Interfaces in Redox-Active Tunneling Junctions. ACS Applied Materials & Interfaces, 2020, 12, 55044-55055.	8.0	21
23	Stability of radical-functionalized gold surfaces by self-assembly and on-surface chemistry. Chemical Science, 2020, 11, 9162-9172.	7.4	12
24	Electrocatalytic oxidative Z/E isomerization of a stilbene favoured by the presence of an electroactive persistent radical. Chemical Communications, 2020, 56, 14211-14214.	4.1	1
25	Organic Polyradicals as Redox Mediators: Effect of Intramolecular Radical Interactions on Their Efficiency. ACS Applied Materials & Interfaces, 2020, 12, 45968-45975.	8.0	3
26	Dibenzocycloheptatriene as end-group of Thiele and tetrabenzo-Chichibabin hydrocarbons. Chemical Communications, 2020, 56, 12813-12816.	4.1	13
27	Highly Oxidized States of Phthalocyaninato Terbium(III) Multipleâ€Decker Complexes Showing Structural Deformations, Biradical Properties and Decreases in Magnetic Anisotropy. Chemistry - A European Journal, 2020, 26, 8621-8630.	3.3	19
28	Tris-pyridylmethylamine (TPMA) complexes functionalized with persistent nitronyl nitroxide organic radicals. Dalton Transactions, 2020, 49, 10011-10016.	3.3	3
29	Neutral Organic Radical Formation by Chemisorption on Metal Surfaces. Journal of Physical Chemistry Letters, 2020, 11, 3897-3904.	4.6	11
30	Stable anchoring of bacteria-based protein nanoparticles for surface enhanced cell guidance. Journal of Materials Chemistry B, 2020, 8, 5080-5088.	5.8	11
31	Dye-Loaded Quatsomes Exhibiting FRET as Nanoprobes for Bioimaging. ACS Applied Materials & Interfaces, 2020, 12, 20253-20262.	8.0	24
32	On the Sensing Mechanisms of a Hydroresistive Flexible Film Based on an Organic Molecular Metal. ACS Applied Electronic Materials, 2019, 1, 1781-1791.	4.3	1
33	Perylene ï€â€Bridges Equally Delocalize Anions and Cations: Proportioned Quinoidal and Aromatic Content. Angewandte Chemie - International Edition, 2019, 58, 14467-14471.	13.8	21
34	Perylene ï€â€Bridges Equally Delocalize Anions and Cations: Proportioned Quinoidal and Aromatic Content. Angewandte Chemie, 2019, 131, 14609-14613.	2.0	10
35	Organic Free Radicals as Circularly Polarized Luminescence Emitters. Angewandte Chemie - International Edition, 2019, 58, 16282-16288.	13.8	82
36	Redox-Active PTM Radical Dendrimers as Promising Multifunctional Molecular Switches. Chemistry of Materials, 2019, 31, 9400-9412.	6.7	15

#	Article	IF	CITATIONS
37	Organic Free Radicals as Circularly Polarized Luminescence Emitters. Angewandte Chemie, 2019, 131, 16428-16434.	2.0	17
38	High-Throughput Cell Motility Studies on Surface-Bound Protein Nanoparticles with Diverse Structural and Compositional Characteristics. ACS Biomaterials Science and Engineering, 2019, 5, 5470-5480.	5.2	7
39	Cell Type-Dependent Integrin Distribution in Adhesion and Migration Responses on Protein-Coated Microgrooved Substrates. ACS Omega, 2019, 4, 1791-1800.	3.5	22
40	Functionalization of polyacrylamide for nanotrapping positively charged biomolecules. RSC Advances, 2019, 9, 15402-15409.	3.6	2
41	Reversible switching of the Au(111) work function by near infrared irradiation with a bistable SAM based on a radical donor–acceptor dyad. Journal of Materials Chemistry C, 2019, 7, 7418-7426.	5.5	3
42	Two-dimensional self-assembly and electrical properties of the donor-acceptor tetrathiafulvalene-polychlorotriphenylmethyl radical on graphite substrates. Journal of Applied Physics, 2019, 125, 142909.	2.5	5
43	Targeted nanoliposomes for the treatment of Fabry disease. Molecular Genetics and Metabolism, 2019, 126, S17.	1.1	3
44	Synthesis of a vinylogue tetrathiafulvalene derivative and study of its charge transfer complex with TCNQF4. Synthetic Metals, 2019, 247, 144-150.	3.9	17
45	Effect of the Molecular Polarizability of SAMs on the Work Function Modification of Gold: Closed― versus Openâ€Shell Donor–Acceptor SAMs. Advanced Materials Technologies, 2019, 4, 1800152.	5.8	13
46	Role of the Open‣hell Character on the Pressureâ€Induced Conductivity of an Organic Donor–Acceptor Radical Dyad. Chemistry - A European Journal, 2018, 24, 5500-5505.	3.3	14
47	Nanostructuring Lipophilic Dyes in Water Using Stable Vesicles, Quatsomes, as Scaffolds and Their Use as Probes for Bioimaging. Small, 2018, 14, e1703851.	10.0	25
48	Stimuli-Responsive Functionalization Strategies to Spatially and Temporally Control Surface Properties: Michael vs Diels–Alder Type Additions. Journal of Physical Chemistry B, 2018, 122, 4481-4490.	2.6	13
49	Robust Organic Radical Molecular Junctions Using Acetylene Terminated Groups for C–Au Bond Formation. Journal of the American Chemical Society, 2018, 140, 1691-1696.	13.7	79
50	Oligothienylenevinylene Polarons and Bipolarons Confined between Electronâ€Accepting Perchlorotriphenylmethyl Radicals. Chemistry - A European Journal, 2018, 24, 3776-3783.	3.3	4
51	Insights into the structure and nanomechanics of a quatsome membrane by force spectroscopy measurements and molecular simulations. Nanoscale, 2018, 10, 23001-23011.	5.6	13
52	2D organic molecular metallic soft material derived from BEDO-TTF with electrochromic and rectifying properties. Npj Flexible Electronics, 2018, 2, .	10.7	4
53	Influence of the donor unit on the rectification ratio in tunnel junctions based on donor–acceptor SAMs using PTM units as acceptors. Physical Chemistry Chemical Physics, 2018, 20, 25638-25647.	2.8	15
54	Artificial 3D Culture Systems for T Cell Expansion. ACS Omega, 2018, 3, 5273-5280.	3.5	28

#	Article	IF	CITATIONS
55	Self-Assembly of an Organic Radical Thin Film and Its Memory Function Investigated Using a Liquid-Metal Electrode. Journal of Physical Chemistry C, 2018, 122, 17784-17791.	3.1	11
56	Surface-Bound Gradient Deposition of Protein Nanoparticles for Cell Motility Studies. ACS Applied Materials & Interfaces, 2018, 10, 25779-25786.	8.0	9
57	Tuning Spinâ€Spin Interactions in Radical Dendrimers. ChemPhysChem, 2018, 19, 1895-1902.	2.1	6
58	Highly Stable and Redâ€Emitting Nanovesicles Incorporating Lipophilic Diketopyrrolopyrroles for Cell Imaging. Chemistry - A European Journal, 2018, 24, 11386-11392.	3.3	20
59	Design of Perchlorotriphenylmethyl (PTM) Radicalâ€Based Compounds for Optoelectronic Applications: The Role of Orbital Delocalization. ChemPhysChem, 2018, 19, 2572-2578.	2.1	17
60	Investigation of sensing capabilities of organic bi-layer thermistor in wearable e-textile and wireless sensing devices. Organic Electronics, 2017, 42, 146-152.	2.6	28
61	Bis(aminoaryl) Carbonâ€Bridged Oligo(phenylenevinylene)s Expand the Limits of Electronic Couplings. Angewandte Chemie - International Edition, 2017, 56, 2898-2902.	13.8	50
62	Study of the E–Z stilbene isomerisation in perchlorotriphenyl-methane (PTM) derivatives. RSC Advances, 2017, 7, 15278-15283.	3.6	7
63	Tuning the Rectification Ratio by Changing the Electronic Nature (Open-Shell and Closed-Shell) in Donor–Acceptor Self-Assembled Monolayers. Journal of the American Chemical Society, 2017, 139, 4262-4265.	13.7	51
64	Excimers from stable and persistent supramolecular radical-pairs in red/NIR-emitting organic nanoparticles and polymeric films. Physical Chemistry Chemical Physics, 2017, 19, 9313-9319.	2.8	42
65	NMR signal enhancement of >50 000 times in fast dissolution dynamic nuclear polarization. Chemical Communications, 2017, 53, 3757-3760.	4.1	18
66	Visible and near-IR spectroscopy of endohedral Gd@C82(C 2v ) and Ho@C82(C 2v ) metallofullerenes and their monoanions. Russian Journal of Physical Chemistry A, 2017, 91, 536-542.	0.6	2
67	Redox-Induced Gating of the Exchange Interactions in a Single Organic Diradical. ACS Nano, 2017, 11, 5879-5883.	14.6	50
68	Tetrathiafulvalene–Polychlorotriphenylmethyl Dyads: Influence of Bridge and Open‧hell Characteristics on Linear and Nonlinear Optical Properties. Chemistry - A European Journal, 2017, 23, 11067-11075.	3.3	21
69	Direct covalent grafting of an organic radical core on gold and silver. RSC Advances, 2017, 7, 20076-20083.	3.6	10
70	Proximity-Induced Shiba States in a Molecular Junction. Physical Review Letters, 2017, 118, 117001.	7.8	44
71	Operative Mechanism of Hole-Assisted Negative Charge Motion in Ground States of Radical-Anion Molecular Wires. Journal of the American Chemical Society, 2017, 139, 686-692.	13.7	25
72	Pressure-Responsive, Surfactant-Free CO2-Based Nanostructured Fluids. ACS Nano, 2017, 11, 10774-10784.	14.6	15

#	Article	IF	CITATIONS
73	Fluorenyl-Loaded Quatsome Nanostructured Fluorescent Probes. ACS Omega, 2017, 2, 4112-4122.	3.5	18
74	Highly Fluorescent Silicon Nanocrystals Stabilized in Water Using Quatsomes. Langmuir, 2017, 33, 14366-14377.	3.5	15
75	Conflicting evidence for ferroelectricity. Nature, 2017, 547, E9-E10.	27.8	10
76	Covalent Modification of Highly Ordered Pyrolytic Graphite with a Stable Organic Free Radical by Using Diazonium Chemistry. Chemistry - A European Journal, 2017, 23, 1415-1421.	3.3	14
77	TTF–PTM dyads: from switched molecular self assembly in solution to radical conductors in solid state. CrystEngComm, 2017, 19, 197-206.	2.6	18
78	Benznidazole Nanoformulates: A Chance to Improve Therapeutics for Chagas Disease. American Journal of Tropical Medicine and Hygiene, 2017, 97, 1469-1476.	1.4	30
79	Nanostructured Quatsomes Encapsulating Fluorene-Derivatives for Lysosomal Labeling and Tracking. , 2017, , .		Ο
80	Highly sensitive multi-layer pressure sensor with an active nanostructured layer of an organic molecular metal. IOP Conference Series: Materials Science and Engineering, 2016, 108, 012038.	0.6	1
81	Synthesis and Characterization of Ethylenedithio-MPTTF-PTM Radical Dyad as a Potential Neutral Radical Conductor. Magnetochemistry, 2016, 2, 46.	2.4	4
82	Structural and electronic characterisation of ï€-extended tetrathiafulvalene derivatives as active components in field-effect transistors. CrystEngComm, 2016, 18, 6149-6152.	2.6	10
83	αâ€Galactosidaseâ€A Loadedâ€Nanoliposomes with Enhanced Enzymatic Activity and Intracellular Penetration. Advanced Healthcare Materials, 2016, 5, 829-840.	7.6	40
84	Single Crystalâ€Like Performance in Solutionâ€Coated Thinâ€Film Organic Fieldâ€Effect Transistors. Advanced Functional Materials, 2016, 26, 2379-2386.	14.9	87
85	A surface confined yttrium( <scp>iii</scp> ) bis-phthalocyaninato complex: a colourful switch controlled by electrons. Chemical Science, 2016, 7, 4940-4944.	7.4	7
86	Magnetic and Electrochemical Properties of a TEMPOâ€6ubstituted Disulfide Diradical in Solution, in the Crystal, and on a Surface. Chemistry - A European Journal, 2016, 22, 1805-1815.	3.3	13
87	Determination of molar extinction coefficients for endohedral metallofullerene Dy@C82(C2v). Russian Chemical Bulletin, 2016, 65, 2421-2424.	1.5	0
88	Understanding the Influence of the Electronic Structure on the Crystal Structure of a TTF-PTM Radical Dyad. Journal of Physical Chemistry A, 2016, 120, 10297-10303.	2.5	5
89	Attractive mechanical properties of a lightweight highly sensitive bi layer thermistor: polycarbonate/organic molecular conductor. IOP Conference Series: Materials Science and Engineering, 2016, 108, 012050.	0.6	2
90	An Electrically Driven and Readable Molecular Monolayer Switch Based on a Solid Electrolyte. Angewandte Chemie - International Edition, 2016, 55, 368-372.	13.8	22

#	Article	IF	CITATIONS
91	Three Redox States of a Diradical Acceptor–Donor–Acceptor Triad: Gating the Magnetic Coupling and the Electron Delocalization. Journal of Physical Chemistry Letters, 2016, 7, 2234-2239.	4.6	24
92	A redox-active radical as an effective nanoelectronic component: stability and electrochemical tunnelling spectroscopy in ionic liquids. Physical Chemistry Chemical Physics, 2016, 18, 27733-27737.	2.8	7
93	Discrimination of Octahedral versus Trigonal Bipyramidal Coordination Geometries of Homogeneous TiIV, VV, and MoVIAmino Triphenolate Complexes through Nitroxyl Radical Units. European Journal of Inorganic Chemistry, 2016, 2016, 4968-4973.	2.0	10
94	Lipid-based nanovesicles for nanomedicine. Chemical Society Reviews, 2016, 45, 6520-6545.	38.1	224
95	Functional protein-based nanomaterial produced in microorganisms recognized as safe: A new platform for biotechnology. Acta Biomaterialia, 2016, 43, 230-239.	8.3	42
96	Chemical control over the energy-level alignment in a two-terminal junction. Nature Communications, 2016, 7, 12066.	12.8	50
97	Discrimination of Octahedral versus Trigonal Bipyramidal Coordination Geometries of Homogeneous TiIV , VV , and MoVI Amino Triphenolate Complexes through Nitroxyl Radical Units. European Journal of Inorganic Chemistry, 2016, 2016, 4939-4939.	2.0	0
98	1,2,3â€Triazole–Diketopyrrolopyrrole Derivatives with Tunable Solubility and Intermolecular Interactions. European Journal of Organic Chemistry, 2016, 2016, 2617-2627.	2.4	26
99	Pressure-Induced Conductivity in a Neutral Nonplanar Spin-Localized Radical. Journal of the American Chemical Society, 2016, 138, 11517-11525.	13.7	38
100	Exchange Coupling Inversion in a High-Spin Organic Triradical Molecule. Nano Letters, 2016, 16, 2066-2071.	9.1	60
101	Optimized polarization build-up times in dissolution DNP-NMR using a benzyl amino derivative of BDPA. RSC Advances, 2016, 6, 27077-27082.	3.6	4
102	Dynamics of intramolecular spin exchange interaction of a nitronyl nitroxide diradical in solution and on surfaces. Nanoscale, 2016, 8, 5049-5058.	5.6	17
103	Fabrication and Application of Low Cost Flexible Film-Based Sensors to Environmental and Biomedical Monitoring Scenarios. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 203-216.	0.3	0
104	Approach to Engineering the Temperature Sensing E-textile: A Lightweight Thermistor as an Active Sensing Element. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 223-234.	0.3	1
105	Synthesis and characterization of endohedral metallofulleride K(18-crown-6)[Ho@C82(C 2v)]. Russian Chemical Bulletin, 2015, 64, 2473-2476.	1.5	3
106	A Highly Sensitive Pyroresistive Allâ€Organic Infrared Bolometer. Advanced Electronic Materials, 2015, 1, 1500090.	5.1	21
107	A benzyl alcohol derivative of the BDPA radical for fast dissolution dynamic nuclear polarization NMR spectroscopy. Organic and Biomolecular Chemistry, 2015, 13, 2689-2693.	2.8	12
108	Pyreneâ€Based Dyad and Triad Leading to a Reversible Chemical and Redox Optical and Magnetic Switch. Chemistry - A European Journal, 2015, 21, 5504-5509.	3.3	5

#	Article	IF	CITATIONS
109	Looking Inside the Perchlorinated Trityl Radical/Metal Spinterface through Spectroscopy. Journal of Physical Chemistry Letters, 2015, 6, 2101-2106.	4.6	29
110	Ï€-Donors microstructuring on surface of polymer film by their noncovalent interactions with iodine. Materials Chemistry and Physics, 2015, 160, 161-167.	4.0	2
111	Kondo Effect in a Neutral and Stable All Organic Radical Single Molecule Break Junction. Nano Letters, 2015, 15, 3109-3114.	9.1	117
112	Selfâ€Assembled Architectures with Segregated Donor and Acceptor Units of a Dyad Based on a Monopyrroloâ€Annulated TTF–PTM Radical. Chemistry - A European Journal, 2015, 21, 8816-8825.	3.3	25
113	Integrating mechanical and biological control of cell proliferation through bioinspired multieffector materials. Nanomedicine, 2015, 10, 873-891.	3.3	20
114	Organic radicals for the enhancement of oxygen reduction reaction in Li–O <sub>2</sub> batteries. Chemical Communications, 2015, 51, 17623-17626.	4.1	35
115	Methods for Characterization of Protein Aggregates. Methods in Molecular Biology, 2015, 1258, 387-401.	0.9	15
116	Particle Engineering with CO2-Expanded Solvents: The DELOS Platform. , 2015, , 73-93.		1
117	Multi-layer Pressure Sensor Designed for Pressure Ranges up to 500 Bars: Polycrystalline Organic Molecular Metal is at Play. Procedia Engineering, 2014, 87, 1135-1138.	1.2	4
118	HOMO Stabilisation in Ï€â€Extended Dibenzotetrathiafulvalene Derivatives for Their Application in Organic Fieldâ€Effect Transistors. Chemistry - A European Journal, 2014, 20, 16672-16679.	3.3	14
119	Intramolecular electron transfer and charge delocalization in bistable donor–acceptor systems based on perchlorotriphenylmethyl radicals linked to ferrocene and tetrathiafulvalene units. Journal of Physical Organic Chemistry, 2014, 27, 465-469.	1.9	14
120	Highly sensitive and selective detection of the pyrophosphate anion biomarker under physiological conditions. Chemical Science, 2014, 5, 2328-2335.	7.4	18
121	A Compact Tetrathiafulvalene–Benzothiadiazole Dyad and Its Highly Symmetrical Chargeâ€Transfer Salt: Ordered Donor Ï€â€Stacks Closely Bound to Their Acceptors. Chemistry - A European Journal, 2014, 20, 7136-7143.	3.3	29
122	How does growth hormone releasing hexapeptide self-assemble in nanotubes?. Soft Matter, 2014, 10, 9260-9269.	2.7	7
123	Radical Dendrimers: A Family of Five Generations of Phosphorus Dendrimers Functionalized with TEMPO Radicals. Macromolecules, 2014, 47, 7717-7724.	4.8	39
124	Diradicals acting through diamagnetic phenylene vinylene bridges: Raman spectroscopy as a probe to characterize spin delocalization. Journal of Chemical Physics, 2014, 140, 164903.	3.0	6
125	The <sup>13</sup> C solid DNP mechanisms with perchlorotriphenylmethyl radicals – the role of <sup>35,37</sup> Cl. Physical Chemistry Chemical Physics, 2014, 16, 19218-19228.	2.8	9
126	A new (TTF) <sub>11</sub> 1 <sub>8</sub> organic molecular conductor: from single crystals to flexible all-organic piezoresistive films. Journal of Materials Chemistry C, 2014, 2, 139-146.	5.5	6

#	Article	IF	CITATIONS
127	Novel PTM–TEMPO Biradical for Fast Dissolution Dynamic Nuclear Polarization. Organic Letters, 2014, 16, 5402-5405.	4.6	14
128	Correction to A New Microcrystalline Phytosterol Polymorph Generated Using CO2-Expanded Solvents. Crystal Growth and Design, 2014, 14, 1500-1500.	3.0	0
129	Intracellular targeting of CD44+ cells with self-assembling, protein only nanoparticles. International Journal of Pharmaceutics, 2014, 473, 286-295.	5.2	38
130	Surfactant-free CO <sub>2</sub> -based microemulsion-like systems. Chemical Communications, 2014, 50, 8215-8218.	4.1	25
131	A New Microcrystalline Phytosterol Polymorph Generated Using CO <sub>2</sub> -Expanded Solvents. Crystal Growth and Design, 2014, 14, 58-68.	3.0	23
132	Silk/molecular conductor bilayer thin-films: properties and sensing functions. Materials Horizons, 2014, 1, 522-528.	12.2	17
133	Tuning the Electronic Properties of Piezoresistive Bilayer Films Based on αâ€{BEDTâ€TTF) <sub>2</sub> 1 <sub>3</sub> . European Journal of Inorganic Chemistry, 2014, 2014, 3927-3932.	2.0	8
134	<i>In Vivo</i> Architectonic Stability of Fully <i>de Novo</i> Designed Protein-Only Nanoparticles. ACS Nano, 2014, 8, 4166-4176.	14.6	89
135	Wireless Sensor Node with Ultrasensitive Film Sensors for Emergency Applications. Procedia Engineering, 2014, 87, 520-523.	1.2	3
136	Conductive Fabric Responding to Extremely Small Temperature Changes. Procedia Engineering, 2014, 87, 144-147.	1.2	5
137	Surfaceâ€Confined Electroactive Molecules for Multistate Charge Storage Information. Advanced Materials, 2013, 25, 462-468.	21.0	54
138	Electrochemical and magnetic properties of a surface-grafted novel endohedral metallofullerene derivative. Chemical Communications, 2013, 49, 8145.	4.1	9
139	Functionalization of 3D scaffolds with protein-releasing biomaterials for intracellular delivery. Journal of Controlled Release, 2013, 171, 63-72.	9.9	22
140	PDMS based photonic lab-on-a-chip for the selective optical detection of heavy metal ions. Analyst, The, 2013, 138, 839-844.	3.5	25
141	Multifunctional Nanovesicle-Bioactive Conjugates Prepared by a One-Step Scalable Method Using CO <sub>2</sub> -Expanded Solvents. Nano Letters, 2013, 13, 3766-3774.	9.1	40
142	Electrochemical and chemical tuning of the surface wettability of tetrathiafulvalene self-assembled monolayers. Chemical Communications, 2013, 49, 8084.	4.1	17
143	Intramolecular electron transfer in the photodimerisation product of a tetrathiafulvalene derivative in solution and on a surface. Chemical Science, 2013, 4, 307-310.	7.4	15
144	Solid state photodimerisation of tetrathiafulvalene derivatives bearing carboxylate and carboxylic acid substituents. CrystEngComm, 2013, 15, 9878.	2.6	12

#	Article	IF	CITATIONS
145	Robust molecular micro-capsules for encapsulating and releasing hydrophilic contents. Chemical Communications, 2013, 49, 7827.	4.1	3
146	Photo-induced intramolecular charge transfer in an ambipolar field-effect transistor based on a π-conjugated donor–acceptor dyad. Journal of Materials Chemistry C, 2013, 1, 3985.	5.5	45
147	Surface grafting of a dense and rigid coordination polymer based on tri-para-carboxy-polychlorotriphenylmethyl radical and copper acetate. Journal of Materials Chemistry C, 2013, 1, 793-800.	5.5	2
148	Supramolecular organization of protein-releasing functional amyloids solved in bacterial inclusion bodies. Acta Biomaterialia, 2013, 9, 6134-6142.	8.3	65
149	Harnessing Electron Transfer from the Perchlorotriphenylmethide Anion to Y@C <sub>82</sub> ( <i>C</i> <sub>2<i>v</i></sub> ) to Engineer an Endometallofullereneâ€Based Salt. ChemPhysChem, 2013, 14, 1670-1675.	2.1	13
150	Highly Reduced Double-Decker Single-Molecule Magnets Exhibiting Slow Magnetic Relaxation. Inorganic Chemistry, 2013, 52, 4464-4471.	4.0	39
151	Modified mesoporous silica nanoparticles as a reusable, selective chromogenic sensor for mercury(ii) recognition. Dalton Transactions, 2013, 42, 6318.	3.3	32
152	Intra- and Intermolecular Charge Transfer in Aggregates of Tetrathiafulvalene-Triphenylmethyl Radical Derivatives in Solution. Journal of the American Chemical Society, 2013, 135, 6958-6967.	13.7	62
153	Quatsomes: Vesicles Formed by Self-Assembly of Sterols and Quaternary Ammonium Surfactants. Langmuir, 2013, 29, 6519-6528.	3.5	87
154	Two-Dimensional Microscale Engineering of Protein-Based Nanoparticles for Cell Guidance. ACS Nano, 2013, 7, 4774-4784.	14.6	32
155	Synthesis and Structural Characterization of a Dendrimer Model Compound Based on a Cyclotriphosphazene Core with TEMPO Radicals as Substituents. Organic Letters, 2013, 15, 3490-3493.	4.6	33
156	Thermomagnetic Molecular System Based on TTF-PTM Radical: Switching the Spin and Charge Delocalization. Journal of Physical Chemistry Letters, 2013, 4, 2721-2726.	4.6	32
157	Bistability of Fc-PTM-Based Dyads: The Role of the Donor Strength. Chemistry of Materials, 2013, 25, 808-814.	6.7	45
158	The perchlorotriphenylmethyl (PTM) radical. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 255-257.	0.4	10
159	Hybrid contact lens capable of intraocular pressure monitoring in noninvasive way. , 2013, , .		2
160	Hydrophobic Gentamicin-Loaded Nanoparticles Are Effective against Brucella melitensis Infection in Mice. Antimicrobial Agents and Chemotherapy, 2013, 57, 3326-3333.	3.2	44
161	Tetrathiafulvaleneâ€Based Mixedâ€Valence Acceptor–Donor–Acceptor Triads: A Joint Theoretical and Experimental Approach. Chemistry - A European Journal, 2013, 19, 16656-16664.	3.3	13
162	PTM Radicals for Molecular-Based Electronic Devices. Advances in Atom and Single Molecule Machines, 2013, , 71-85.	0.0	0

#	Article	IF	CITATIONS
163	Nanostructuring molecular materials as particles and vesicles for drug delivery, using compressed and supercritical fluids. Nanomedicine, 2012, 7, 1391-1408.	3.3	31
164	Playing with organic radicals as building blocks for functional molecular materials. Chemical Society Reviews, 2012, 41, 303-349.	38.1	727
165	Bioadhesiveness and efficient mechanotransduction stimuli synergistically provided by bacterial inclusion bodies as scaffolds for tissue engineering. Nanomedicine, 2012, 7, 79-93.	3.3	40
166	Cellular pharmacokinetics and intracellular activity against Listeria monocytogenes and Staphylococcus aureus of chemically modified and nanoencapsulated gentamicin. Journal of Antimicrobial Chemotherapy, 2012, 67, 2158-2164.	3.0	30
167	Induced Selfâ€Assembly of a Tetrathiafulvaleneâ€Based Openâ€Shell Dyad through Intramolecular Electron Transfer. Angewandte Chemie - International Edition, 2012, 51, 11024-11028.	13.8	43
168	Influence of the Preparation Route on the Supramolecular Organization of Lipids in a Vesicular System. Journal of the American Chemical Society, 2012, 134, 1918-1921.	13.7	68
169	Observation of Inhomogeneity in the Lipid Composition of Individual Nanoscale Liposomes. Biophysical Journal, 2012, 102, 426a.	0.5	2
170	All-Organic Humidity Sensing Films with Electrical Detection Principle Suitable to Biomedical Applications. Procedia Engineering, 2012, 47, 603-606.	1.2	4
171	Microstructured objects produced by the supramolecular hierarchical assembly of an organic free radical gathering hydrophobic-amphiphilic characteristics. Chemical Science, 2012, 3, 1958.	7.4	17
172	An ordered organic radical adsorbed on a Cu-doped Au(111) surface. Nanoscale, 2012, 4, 6718.	5.6	24
173	Organic metal–organic semiconductor blended contacts in single crystal field-effect transistors. Journal of Materials Chemistry, 2012, 22, 16011.	6.7	14
174	Chiral Conformation at a Molecular Level of a Propeller-Like Open-Shell Molecule on Au(111). Journal of Physical Chemistry Letters, 2012, 3, 1559-1564.	4.6	22
175	Attaching Persistent Organic Free Radicals to Surfaces: How and Why. Chemical Reviews, 2012, 112, 2506-2527.	47.7	166
176	Novel double-decker phthalocyaninato terbium(iii) single molecule magnets with stabilised redox states. Dalton Transactions, 2012, 41, 13632.	3.3	51
177	Evidence of intrinsic ambipolar charge transport in a high band gap organic semiconductor. Journal of Materials Chemistry, 2012, 22, 345-348.	6.7	11
178	Charge transport through unpaired spin-containing molecules on surfaces. Journal of Materials Chemistry, 2012, 22, 13883.	6.7	16
179	Towards Flexible Lightweight Strain Sensors with Low Temperature Coefficient of Resistance. Procedia Engineering, 2012, 47, 857-860.	1.2	0
180	Crystallization of Microparticulate Pure Polymorphs of Active Pharmaceutical Ingredients Using CO <sub>2</sub> -Expanded Solvents. Crystal Growth and Design, 2012, 12, 1717-1726.	3.0	17

#	Article	IF	CITATIONS
181	Residual vibration reduction in mechanical systems: A time-domain approach. International Journal of Precision Engineering and Manufacturing, 2012, 13, 1327-1339.	2.2	12
182	Phase behavior of phytosterols and cholesterol in carbon dioxide-expanded ethanol. Journal of Supercritical Fluids, 2012, 63, 59-68.	3.2	12
183	Bacterial inclusion bodies: making gold from waste. Trends in Biotechnology, 2012, 30, 65-70.	9.3	157
184	Role of geometry, substrate and atmosphere on performance of OFETs based on TTF derivatives. Organic Electronics, 2012, 13, 121-128.	2.6	18
185	Polycarbonate films metalized with a single component molecular conductor suited to strain and stress sensing applications. Organic Electronics, 2012, 13, 894-898.	2.6	8
186	Threeâ€Ðimensional Porous Metal–Radical Frameworks Based on Triphenylmethyl Radicals. Chemistry - A European Journal, 2012, 18, 152-162.	3.3	38
187	Correlation of the EPR properties of perchlorotriphenylmethyl radicals and their efficiency as DNP polarizers. Physical Chemistry Chemical Physics, 2011, 13, 18626.	2.8	16
188	Selective picomolar detection of mercury( <scp>ii</scp> ) using optical sensors. Chemical Communications, 2011, 47, 1842-1844.	4.1	47
189	Electronic and structural characterisation of a tetrathiafulvalene compound as a potential candidate for ambipolar transport properties. CrystEngComm, 2011, 13, 6597.	2.6	19
190	Negative differential resistance (NDR) in similar molecules with distinct redox behaviour. Chemical Communications, 2011, 47, 4664.	4.1	30
191	Multichannel Molecular Switch with a Surface-Confined Electroactive Radical Exhibiting Tunable Wetting Properties. Nano Letters, 2011, 11, 4382-4385.	9.1	45
192	Tunneling versus Hopping in Mixed-Valence Oligo- <i>p</i> -phenylenevinylene Polychlorinated Bis(triphenylmethyl) Radical Anions. Journal of the American Chemical Society, 2011, 133, 5818-5833.	13.7	81
193	Electron-Withdrawing Substituted Tetrathiafulvalenes as Ambipolar Semiconductors. Chemistry of Materials, 2011, 23, 851-861.	6.7	32
194	Polymorphs and Solvates of Nicardipine Hydrochloride. Selective Stabilization of Different Diastereomeric Racemates. Molecular Pharmaceutics, 2011, 8, 395-404.	4.6	11
195	Benzodicarbomethoxytetrathiafulvalene Derivatives as Soluble Organic Semiconductors. Journal of Organic Chemistry, 2011, 76, 154-163.	3.2	19
196	Liposomes and Other Vesicular Systems. Progress in Molecular Biology and Translational Science, 2011, 104, 1-52.	1.7	63
197	Surface Supramolecular Organization of a Terbium(III) Double-Decker Complex on Graphite and its Single Molecule Magnet Behavior. Journal of the American Chemical Society, 2011, 133, 6603-6612.	13.7	189
198	Novel Guests for Porous Columnar Thin Films: The Switchable Perchlorinated Trityl Radical Derivatives. Langmuir, 2011, 27, 5098-5106.	3.5	9

#	Article	IF	CITATIONS
199	Highly piezoresistive textiles based on a soft conducting charge transfer salt. Journal of Materials Chemistry, 2011, 21, 637-640.	6.7	24
200	Electronic and Cytotoxic Properties of 2-Amino-naphtho[2,3- <i>b</i> ]furan-4,9-diones. Journal of Organic Chemistry, 2011, 76, 1634-1643.	3.2	35
201	A Three-State Surface-Confined Molecular Switch with Multiple Channel Outputs. Journal of the American Chemical Society, 2011, 133, 13256-13259.	13.7	75
202	A robust molecular platform for non-volatile memory devices with optical and magnetic responses. Nature Chemistry, 2011, 3, 359-364.	13.6	192
203	Non-invasive intraocular pressure monitoring with a contact lens engineered with a nanostructured polymeric sensing film. Sensors and Actuators A: Physical, 2011, 170, 36-43.	4.1	48
204	High Loading of Gentamicin in Bioadhesive PVM/MA Nanostructured Microparticles Using Compressed Carbon-Dioxide. Pharmaceutical Research, 2011, 28, 309-321.	3.5	38
205	Coupling Tetracyanoquinodimethane to Tetrathiafulvalene: A Fused TCNQ–TTF–TCNQ Triad. Angewandte Chemie - International Edition, 2011, 50, 10902-10906.	13.8	33
206	Threeâ€Dimensional Openâ€Frameworks Based on Ln <sup>III</sup> Ions and Open″Closedâ€Shell PTM Ligands Synthesis, Structure, Luminescence, and Magnetic Properties. Chemistry - A European Journal, 2011, 17, 3644-3656.	: 3.3	45
207	Novel bioactive hydrophobic gentamicin carriers for the treatment of intracellular bacterial infections. Acta Biomaterialia, 2011, 7, 1599-1608.	8.3	56
208	Prototype of a Nanostructured Sensing Contact Lens for Noninvasive Intraocular Pressure Monitoring. , 2011, 52, 8310.		39
209	Lightweight biocompatible physical sensors: Polymeric films "self-metallized" with organic molecular conductors. , 2011, , .		2
210	Piezoresistive biocompatible membranes for flexible pressure sensors. , 2011, , .		0
211	Discrete Portable Measuring Device for Monitoring Noninvasive Intraocular Pressure with a Nano-Structured Sensing Contact Lens Prototype. International Journal of E-Health and Medical Communications, 2011, 2, 1-19.	1.6	1
212	Ultrasensitive Piezoresistive Allâ€Organic Flexible Thin Films. Advanced Materials, 2010, 22, 977-981.	21.0	64
213	Highâ€Performance Single Crystal Organic Fieldâ€Effect Transistors Based on Two Dithiopheneâ€Tetrathiafulvalene (DTâ€TTF) Polymorphs. Advanced Materials, 2010, 22, 4198-4203.	21.0	100
214	Selective Metalâ€Cation Recognition by [2.2]Ferrocenophanes: The Cases of Zinc―and Lithiumâ€Sensing. Chemistry - A European Journal, 2010, 16, 1532-1542.	3.3	40
215	A Liquid rystalline Singleâ€Molecule Magnet with Variable Magnetic Properties. Angewandte Chemie - International Edition, 2010, 49, 1623-1626.	13.8	142
216	Dynamic Nuclear Polarization with Polychlorotriphenylmethyl Radicals: Supramolecular Polarizationâ€Transfer Effects. Angewandte Chemie - International Edition, 2010, 49, 3360-3362.	13.8	22

#	Article	IF	CITATIONS
217	Cholesterol induced CTAB micelle-to-vesicle phase transitions. Journal of Colloid and Interface Science, 2010, 350, 10-15.	9.4	71
218	The nanoscale properties of bacterial inclusion bodies and their effect on mammalian cell proliferation. Biomaterials, 2010, 31, 5805-5812.	11.4	67
219	Preparation of biodegradable poly (methyl vinyl ether-co-maleic anhydride) nanostructured microparticles by precipitation with a compressed antisolvent. Journal of Supercritical Fluids, 2010, 53, 108-114.	3.2	25
220	Anisotropy in structural and physical properties in tetrathiafulvalene derivatives-based zone-cast layers as seen by Raman spectroscopy, UV-visible spectroscopy, and field effect measurements. Journal of Applied Physics, 2010, 108, 014504.	2.5	18
221	X-ray absorption and magnetic circular dichroism investigation of bis(phthalocyaninato)terbium single-molecule magnets deposited on graphite. Physical Review B, 2010, 82, .	3.2	31
222	Kinetically Driven Crystallization of a Pure Polymorphic Phase of Stearic Acid from CO <sub>2</sub> -Expanded Solutions. Crystal Growth and Design, 2010, 10, 1226-1232.	3.0	34
223	Protein nanodisk assembling and intracellular trafficking powered by an arginine-rich (R9) peptide. Nanomedicine, 2010, 5, 259-268.	3.3	59
224	Conformationally Modulated Intramolecular Electron Transfer Process in a Diaza[2,2]ferrocenophane. Inorganic Chemistry, 2010, 49, 3183-3191.	4.0	22
225	Probing the Magnetic Properties of Three Interconvertible Redox States of a Single-Molecule Magnet with Magnetic Circular Dichroism Spectroscopy. Journal of the American Chemical Society, 2010, 132, 1756-1757.	13.7	110
226	Metal-Radical Chains Based on Polychlorotriphenylmethyl Radicals: Synthesis, Structure, and Magnetic Properties. Inorganic Chemistry, 2010, 49, 3482-3488.	4.0	10
227	Flexible Film-Based Sensors Structured with a High Piezoresistive Organic Molecular Conductor as an Active Component. , 2010, , .		1
228	Polychlorinated trityl radicals for dynamic nuclear polarization: the role of chlorine nuclei. Physical Chemistry Chemical Physics, 2010, 12, 5824.	2.8	20
229	Particle-size dependence of magnetization relaxation inMn12crystals. Physical Review B, 2009, 79, .	3.2	42
230	Towards the detection of single polychlorotriphenylmethyl radical derivatives by means of Electron Spin Noise STM. Solid State Sciences, 2009, 11, 956-960.	3.2	25
231	Specific solvent effects on the intramolecular electron transfer reaction in a neutral ferrocene donor polychlorotriphenylmethyl acceptor radical with extended conjugation. Solid State Sciences, 2009, 11, 786-792.	3.2	11
232	Dramatic Influence of the Electronic Structure on the Conductivity through Open―and Closed‧hell Molecules. Advanced Materials, 2009, 21, 1177-1181.	21.0	45
233	Surface Cell Growth Engineering Assisted by a Novel Bacterial Nanomaterial. Advanced Materials, 2009, 21, 4249-4253.	21.0	73
234	Ground State Electronic Interactions in Macrocyclic Fullerene Bisâ€Adducts Functionalized with Bridging Conjugated Oligomers. European Journal of Organic Chemistry, 2009, 2009, 5779-5787.	2.4	9

#	Article	IF	CITATIONS
235	Bacterial inclusion bodies as novel functional and biocompatible nanomaterials. New Biotechnology, 2009, 25, S27.	4.4	0
236	Two-Leg Molecular Ladders Formed by Hierarchical Self-Assembly of an Organic Radical. Journal of the American Chemical Society, 2009, 131, 6246-6252.	13.7	31
237	Essential State Models for Solvatochromism in Donorâ^'Acceptor Molecules: The Role of the Bridge. Journal of Physical Chemistry B, 2009, 113, 4718-4725.	2.6	42
238	Versatile chemoselectivity in Ni-catalyzed multiple bond carbonylations and cyclocarbonylations in CO2-expanded liquids. Chemical Communications, 2009, , 4723.	4.1	17
239	Organic radicals on surfaces: towards molecular spintronics. Journal of Materials Chemistry, 2009, 19, 1691-1695.	6.7	127
240	Crystal engineering in molecular magnetism. CrystEngComm, 2009, , .	2.6	0
241	Magnetic and Porous Molecule-Based Materials. Topics in Current Chemistry, 2009, 293, 207-258.	4.0	54
242	Mononuclear Ferrocenophane Structural Motifs with Two Thiourea Arms Acting as a Dual Binding Site for Anions and Cations. Inorganic Chemistry, 2009, 48, 1566-1576.	4.0	48
243	Magnetisation inverted hysteresis loops in the molecular magnets [M(Cp*)2][Ni(α-tpdt)2] (M = Fe, Mn). Dalton Transactions, 2009, , 4176.	3.3	11
244	Cooperativity from electrostatic interactions: understanding bistability in molecular crystals. CrystEngComm, 2009, 11, 2040.	2.6	20
245	Metallocenium Salts of Nickel Bis(α-thiophenedithiolate) [M(Cp*)2][Ni(α-tpdt)2] (M = Fe, Mn, Cr) - Metamagnetism and Magnetic Frustration. European Journal of Inorganic Chemistry, 2008, 2008, 5327-5337.	2.0	14
246	High-mobility tetrathiafulvalene organic field-effect transistors from solution processing. Organic Electronics, 2008, 9, 1101-1106.	2.6	65
247	Solubility behaviors of ibuprofen and naproxen drugs in liquid "CO2–organic solvent―mixtures. Journal of Supercritical Fluids, 2008, 47, 147-153.	3.2	49
248	Synergistic solubility behaviour of a polyoxyalkylene block co-polymer and its precipitation from liquid CO2-expanded ethanol as solid microparticles. Journal of Supercritical Fluids, 2008, 47, 290-295.	3.2	10
249	Organic field-effect transistors (OFETs) of highly oriented films of dithiophene-tetrathiafulvalene prepared by zone casting. Organic Electronics, 2008, 9, 143-148.	2.6	49
250	Polymorphic and hydrate supramolecular solid state structures of a uracil derived nitronyl nitroxide. Inorganica Chimica Acta, 2008, 361, 4094-4099.	2.4	5
251	Nanosized trigonal prismatic and antiprismatic Cull coordination cages based on tricarboxylate linkers. Dalton Transactions, 2008, , 1679.	3.3	15
252	Sub-50 nm positioning of organic compounds onto silicon oxide patterns fabricated by local oxidation nanolithography. Nanotechnology, 2008, 19, 455308.	2.6	27

#	Article	IF	CITATIONS
253	The four polymorphic modifications of the semiconductor dibenzo-tetrathiafulvalene. CrystEngComm, 2008, 10, 1899.	2.6	62
254	Grafting of Monocarboxylic Substituted Polychlorotriphenylmethyl Radicals onto a COOH-Functionalized Self-Assembled Monolayer through Copper (II) Metal Ions. Langmuir, 2008, 24, 6640-6648.	3.5	54
255	Self-Assembled Monolayers of Electroactive Polychlorotriphenylmethyl Radicals on Au(111). Journal of the American Chemical Society, 2008, 130, 5499-5506.	13.7	62
256	Preparation of Uniform Rich Cholesterol Unilamellar Nanovesicles Using CO <sub>2</sub> -Expanded Solvents. Langmuir, 2008, 24, 2433-2437.	3.5	53
257	Nanocomposite membranes as highly selective and sensitive mercury(ii) detectors. Journal of Materials Chemistry, 2008, 18, 1997.	6.7	36
258	A hexacarboxylic open-shell building block: synthesis, structure and magnetism of a three-dimensional metal–radical framework. Journal of Materials Chemistry, 2008, 18, 98-108.	6.7	30
259	A three-dimensional lanthanide-organic radical open-framework. Chemical Communications, 2008, , 3160.	4.1	32
260	Reactivity of Superoxide Anion Radical with a Perchlorotriphenylmethyl (Trityl) Radical. Journal of Physical Chemistry B, 2008, 112, 158-167.	2.6	39
261	Bistability in Fc-PTM Crystals: The Role of Intermolecular Electrostatic Interactions. Journal of the American Chemical Society, 2008, 130, 12064-12072.	13.7	58
262	Intrinsic avalanches and collective phenomena in a Mn(II)-free radical ferrimagnetic chain. Physical Review B, 2008, 77, .	3.2	10
263	Monolayer self-assembly at liquid–solid interfaces: chirality and electronic properties of molecules at surfaces. Journal of Physics Condensed Matter, 2008, 20, 184003.	1.8	17
264	Influence of SiO2 surface energy on the performance of organic field effect transistors based on highly oriented, zone-cast layers of a tetrathiafulvalene derivative. Journal of Applied Physics, 2008, 104, 054509.	2.5	45
265	Cellulose-Based Optical Sensor for the Selective and Quantitative Detection of Mercury lons in Aqueous Media. , 2007, , .		2
266	Improved Synthesis of the High-Mobility Organic Semiconductor DithioÂphene-Tetrathiafulvalene. Synthesis, 2007, 2007, 1621-1623.	2.3	5
267	Old materials with new tricks: multifunctional open-framework materials. Chemical Society Reviews, 2007, 36, 770.	38.1	1,037
268	Synthesis and Doping of a Multifunctional Tetrathiafulvalene- Substituted Poly(isocyanide). Macromolecules, 2007, 40, 7521-7531.	4.8	54
269	High Piezoresistive Organic Film for Plastic Pressure Sensors. , 2007, , .		1
270	Advances on the nanostructuration of magnetic molecules on surfaces: the case of single-molecule magnets (SMM). Chemical Communications, 2007, , 3699.	4.1	100

#	Article	IF	CITATIONS
271	Changes in electronic couplings of mixed-valence systems due to through-space intramolecular interactions. Chemical Communications, 2007, , 4345.	4.1	25
272	New insights into the thermal stability of Mn12clusters: The case of complex [Mn12O12(O2CCî€,CH)16(H2O)4]·3H2O and its thermolysis derived [Mn3(O2CCî€,CH)6(H2O)4]·2H2O comµ Dalton Transactions, 2007, , 2450-2456.	2188	5
273	Solvent Tuning from Normal to Inverted Marcus Region of Intramolecular Electron Transfer in Ferrocene-Based Organic Radicals. Journal of the American Chemical Society, 2007, 129, 6117-6129.	13.7	87
274	First-Row Transition-Metal Complexes Based on a Carboxylate Polychlorotriphenylmethyl Radical:Â Trends in Metalâ^'Radical Exchange Interactions. Inorganic Chemistry, 2007, 46, 1627-1633.	4.0	32
275	Electroactive Thiazole Derivatives Capped with Ferrocenyl Units Showing Charge-Transfer Transition and Selective Ion-Sensing Properties:  A Combined Experimental and Theoretical Study. Inorganic Chemistry, 2007, 46, 825-838.	4.0	85
276	Naked-eye and Selective Detection of Mercury (II) Ions in Mixed Aqueous Media Using a Cellulose-based Support. Sensors, 2007, 7, 3481-3488.	3.8	47
277	Structural and Magnetic Modulation of a Purely Organic Open Framework by Selective Guest Inclusion. Chemistry - A European Journal, 2007, 13, 8153-8163.	3.3	41
278	Transition Metal Bisdithiolene Complexes Based on Extended Ligands with Fused Tetrathiafulvalene and Thiophene Moieties: New Singleâ€Component Molecular Metals. Chemistry - A European Journal, 2007, 13, 9841-9849.	3.3	56
279	Self-Assembled Monolayers of a Multifunctional Organic Radical. Angewandte Chemie - International Edition, 2007, 46, 2215-2219.	13.8	56
280	Influence of Intermolecular Interactions on the Formation of Tetra(carbomethoxy)â€ŧetrathiafulvalene Assemblies. ChemPhysChem, 2007, 8, 1565-1571.	2.1	7
281	Europium (III) complexes derived from carboxylic-substituted polychlorotriphenylmethyl radicals. Inorganica Chimica Acta, 2007, 360, 3861-3869.	2.4	10
282	Self-assembly of carboxylic substituted PTM radicals: From weak ferromagnetic interactions to robust porous magnets. Polyhedron, 2007, 26, 1934-1948.	2.2	17
283	Subtle competition between ferromagnetic and antiferromagnetic order in a Mn(II)-free radical ferrimagnetic chain. Physical Review B, 2007, 75, .	3.2	12
284	Supramolecular Chiral Functional Materials. Topics in Current Chemistry, 2006, , 253-302.	4.0	82
285	Direct micro-patterning of TTF-based organic conductors on flexible substrates. Journal of Materials Chemistry, 2006, 16, 543.	6.7	9
286	Influence of bridge topology and torsion on the intramolecular electron transfer. Faraday Discussions, 2006, 131, 291-305.	3.2	30
287	2-D Self-assembly of the bis(phthalocyaninato)terbium(iii) single-molecule magnet studied by scanning tunnelling microscopy. Chemical Communications, 2006, , 2866-2868.	4.1	86
288	Controlled crystallization of Mn12single-molecule magnets by compressed CO2and its influence on the magnetization relaxation. Journal of Materials Chemistry, 2006, 16, 2612-2617.	6.7	16

#	Article	IF	CITATIONS
289	[60]Fullerene–perchlorotriphenylmethide anion triads. Synthesis and study of photoinduced intramolecular electron-transfer processes. Journal of Materials Chemistry, 2006, 16, 112-121.	6.7	9
290	A simple and robust reversible redox–fluorescence molecular switch based on a 1,4-disubstituted azine with ferrocene and pyrene units. Chemical Communications, 2006, , 3809-3811.	4.1	102
291	Coordination Capabilities of a Novel Organic Polychlorotriphenylmethyl Monosulfonate Radical. Inorganic Chemistry, 2006, 45, 5383-5392.	4.0	22
292	A New Hexaferrocene Complex with a [M3(μ3-O)]7+Core. Inorganic Chemistry, 2006, 45, 10443-10445.	4.0	24
293	Use of 1,1,1,2-Tetrafluoroethane (R-134a)-Expanded Liquids as Solvent Media for Ecoefficient Particle Design with the DELOS Crystallization Process. Crystal Growth and Design, 2006, 6, 23-25.	3.0	18
294	Efficient High Area OFETs by Solution Based Processing of a π-Electron Rich Donor. Chemistry of Materials, 2006, 18, 4724-4729.	6.7	80
295	Ordered Patterning of Nanometric Rings of Single Molecule Magnets on Polymers by Lithographic Control of Demixing. Journal of Physical Chemistry B, 2006, 110, 11607-11610.	2.6	55
296	Long-range effects of chirality in aromatic poly(isocyanide)s. Journal of Polymer Science Part A, 2006, 44, 3161-3174.	2.3	51
297	Solute–solvent interactions governing preferential solvation phenomena of acetaminophen in CO2-expanded organic solutions. Journal of Supercritical Fluids, 2006, 38, 295-305.	3.2	14
298	Polymorphs of a pyrazole nitronyl nitroxide and its complexes with metal(ii) hexafluoroacetylacetonates. Journal of Materials Chemistry, 2006, 16, 2736.	6.7	20
299	Micronization of the chitosan derivatives d-Glucosamine Hydrochloride and d-Glucosamine Sulphate salts by dense gas anti-solvent precipitation techniques. Journal of Supercritical Fluids, 2006, 38, 94-102.	3.2	15
300	Experimental and Theoretical Studies of Magnetic Exchange in Silole-Bridged Diradicals. Chemistry - A European Journal, 2006, 12, 5547-5562.	3.3	23
301	Three-Dimensional Six-Connecting Organic Building Blocks Based on Polychlorotriphenylmethyl Units—Synthesis, Self-Assembly, and Magnetic Properties. Chemistry - A European Journal, 2006, 12, 9238-9253.	3.3	36
302	Large Photoresponsivity in High-Mobility Single-Crystal Organic Field-Effect Phototransistors. ChemPhysChem, 2006, 7, 86-88.	2.1	70
303	Linked Crystallites in the Conducting Topmost Layer of Polymer Bilayer Films Controlled by Temperature: From Micro- to Nanocrystallites. ChemPhysChem, 2006, 7, 920-923.	2.1	11
304	Magnetic Nanoporous Molecular Materials. , 2005, , 261-282.		0
305	Chiral teleinduction in the polymerization of isocyanides. Polymer, 2005, 46, 1507-1521.	3.8	26
306	Carboxylic-substituted polychlorotriphenylmethyl radicals, new organic building-blocks to design nanoporous magnetic molecular materials. Comptes Rendus Chimie, 2005, 8, 1213-1225.	0.5	18

#	Article	IF	CITATIONS
307	Synthesis and Characterization of Radical Cations Derived from Mono- and Biferrocenyl-Substituted 2-Aza-1,3-butadienes: A Study of the Influence of an Asymmetric and Oxidizable Bridge on Intramolecular Electron Transfer. European Journal of Inorganic Chemistry, 2005, 2005, 2436-2450.	2.0	46
308	Copper, Cobalt and Platinum Complexes with Dithiothiophene-Based Ligands. European Journal of Inorganic Chemistry, 2005, 2005, 3337-3345.	2.0	23
309	Enantiopure and Racemic Chiral Nitronyl Nitroxide Free Radicals: Synthesis and Characterization. European Journal of Organic Chemistry, 2005, 2005, 348-359.	2.4	23
310	Synergistic Enhancement of the Solubility of Hexamethylenetetramine in Subcritical CO2-Ethanol Mixtures Studied by Infrared Spectroscopy. ChemPhysChem, 2005, 6, 587-590.	2.1	8
311	Magnetic Information Storage on Polymers by Using Patterned Single-Molecule Magnets. Angewandte Chemie - International Edition, 2005, 44, 888-892.	13.8	134
312	An Electroactive Nitrogen-Rich [4.4]Ferrocenophane Displaying Redox-Switchable Behavior: Selective Sensing, Complexation, and Decomplexation of Mg2+ions. Angewandte Chemie - International Edition, 2005, 44, 1977-1981.	13.8	39
313	An Electroactive Nitrogen-Rich [4.4]Ferrocenophane Displaying Redox-Switchable Behavior: Selective Sensing, Complexation, and Decomplexation of Mg2+ions. Angewandte Chemie, 2005, 117, 2013-2017.	2.0	7
314	Organic Spin Ladders from Tetrathiafulvalene (TTF) Derivatives. Advanced Functional Materials, 2005, 15, 1023-1035.	14.9	33
315	Chiral Teleinduction in the Formation of a Macromolecular Multistate Chiroptical Redox Switch. Advanced Materials, 2005, 17, 2095-2098.	21.0	87
316	Discrepancy between the Spin Distribution and the Magnetic Ground State for a Triaminoxyl Substituted Triphenylphosphine Oxide Derivative. Chemistry - A European Journal, 2005, 11, 128-139.	3.3	17
317	Magnetic Nanoporous Coordination Polymers. ChemInform, 2005, 36, no.	0.0	0
318	Single-crystal organic field-effect transistors based on dibenzo-tetrathiafulvalene. Applied Physics Letters, 2005, 86, 012110.	3.3	130
319	Highly Selective Chromogenic and Redox or Fluorescent Sensors of Hg2+in Aqueous Environment Based on 1,4-Disubstituted Azines. Journal of the American Chemical Society, 2005, 127, 15666-15667.	13.7	456
320	Multistability in a family of DT–TTF organic radical based compounds (DT–TTF)4[M(L)2]3 (M = Au, Cu; L) Tj	ETQ <sub>0</sub> 000	) rgBT /Overlo 26
321	Self-organization of Mn12 single-molecule magnets into ring structures induced by breath-figures as templates. Chemical Communications, 2005, , 5615.	4.1	29
322	An Unusually Stable Trinuclear Manganese(II) Complex Bearing Bulk Carboxylic Radical Ligands. Inorganic Chemistry, 2005, 44, 6936-6938.	4.0	17
323	Coexistence of ferro- and antiferromagnetic interactions in a metal–organic radical-based (6,3)-helical network with large channels. Chemical Communications, 2005, , 5035.	4.1	81
324	Hydrogen-bonded self-assemblies in a polychlorotriphenylmethyl radical derivative substituted with six meta-carboxylic acid groups. Chemical Communications, 2005, , 4801.	4.1	22

#	Article	IF	CITATIONS
325	Self-assembly of tetrathiafulvalene derivatives at a liquid/solid interface—compositional and constitutional influence on supramolecular ordering. Journal of Materials Chemistry, 2005, 15, 4601.	6.7	63
326	Structural, Magnetic, and Electrical Characterization of New Polycrystalline Phases of Nickel- and Platinum-Doped [(DT-TTF)n][Au(mnt)2] (n = 1, 2). Inorganic Chemistry, 2005, 44, 2358-2366.	4.0	12
327	Harnessing ICl Reduction Processes for Synthesis of Different BEDT-TTF-Based Molecular Conductors. Journal of Physical Chemistry B, 2005, 109, 16705-16710.	2.6	0
328	Reversible and irreversible conformational changes in poly(isocyanide)s: a remote stereoelectronic effect. Chemical Communications, 2005, , 322.	4.1	10
329	Trihaloacetic acids: an investigation of steric and inductive ligand effects on the synthesis of [Mn12O12(O2CCX3)16(H2O)4] single-molecule magnets. New Journal of Chemistry, 2005, 29, 499-503.	2.8	11
330	Ferrocene triphenylmethyl radical donor-acceptor compounds. Towards development of multifunctional molecular switches. Arkivoc, 2005, 2005, 104-114.	0.5	7
331	The low and high temperature phase transitions in the family of compounds (DT-TTF) <sub>4</sub> [ M(L) <sub>2</sub> ] <sub>3</sub> , MÂ=ÂAu, Cu and LÂ=Âpds, pdt. European Physical Journal Special Topics, 2004, 114, 539-537.	0.2	2
332	Intramolecular electron transfer mediated by a tetrathiafulvalene (TTF) bridge. European Physical Journal Special Topics, 2004, 114, 509-510.	0.2	1
333	Structural and electrical properties of (DT-TTF) <sub>2</sub> [ Cu(mnt) <sub>2</sub> ]. European Physical Journal Special Topics, 2004, 114, 497-499.	0.2	3
334	Chiral Induction. , 2004, , 245-252.		2
335	Taking chiral induction into the nanometre regime: chiral teleinduction in the synthesis of poly(isocyanide)s. Mendeleev Communications, 2004, 14, 256-257.	1.6	3
336	Novel Fused Dâ^'A Dyad and Aâ^'Dâ^'A Triad Incorporating Tetrathiafulvalene andp-Benzoquinone. Journal of Organic Chemistry, 2004, 69, 2164-2177.	3.2	104
337	Magneto-structural defects on a congested nanoscopic polyradical dendrimer. Journal of Physics and Chemistry of Solids, 2004, 65, 737-744.	4.0	4
338	A Robust Purely Organic Nanoporous Magnet. Angewandte Chemie - International Edition, 2004, 43, 1828-1832.	13.8	93
339	Stepwise Construction of Oligomeric 1,2-Diselenolene Platinum(IV) Complexes. Angewandte Chemie - International Edition, 2004, 43, 4049-4052.	13.8	21
340	A Molecular Multiproperty Switching Array Based on the Redox Behavior of a Ferrocenyl Polychlorotriphenylmethyl Radical. Angewandte Chemie - International Edition, 2004, 43, 5266-5268.	13.8	133
341	Molecular Insight, through IR Spectroscopy, on Solvating Phenomena Occurring in CO2-Expanded Solutions. ChemPhysChem, 2004, 5, 243-245.	2.1	25
342	Supramolecular Photomagnetic Materials: Photoinduced Dimerization of Ferrocene-Based Polychlorotriphenylmethyl Radicals. Chemistry - A European Journal, 2004, 10, 603-616.	3.3	22

#	ARTICLE	IF	CITATIONS
343	Magneto-Structural Characterization of Metallocene-Bridged Nitronyl Nitroxide Diradicals by X-Ray, Magnetic Measurements, Solid-state NMR Spectroscopy, and Ab Initio Calculations. Chemistry - A European Journal, 2004, 10, 1355-1365.	3.3	22
344	A New Multifunctional Ferrocenyl-Substituted Ferrocenophane Derivative: Optical and Electronic Properties and Selective Recognition of Mg2+ Ions. Chemistry - A European Journal, 2004, 10, 1815-1826.	3.3	52
345	Novel Culll Bis-1,2-dichalcogenene Complexes with Tunable 3D Framework through Alkaline Cation Coordination: A Structural and Theoretical Study. Chemistry - A European Journal, 2004, 10, 1691-1704.	3.3	73
346	Magneto-Structural Characterization of Metallocene-Bridged Nitronyl Nitroxide Diradicals by X-Ray, Magnetic Measurements, Solid-state NMR Spectroscopy, and Ab Initio Calculations. Chemistry - A European Journal, 2004, 10, 3354-3354.	3.3	0
347	Synthesis, X-ray structure, EPR and optical properties of a ferrocene substituted polychlorotriphenylmethyl radical. Journal of Physics and Chemistry of Solids, 2004, 65, 753-758.	4.0	16
348	EPR characterization of a nanoporous metal-organic framework exhibiting a bulk magnetic ordering. Journal of Physics and Chemistry of Solids, 2004, 65, 819-824.	4.0	7
349	A new (63)·(69.81) non-interpenetrated paramagnetic network with helical nanochannels based on a tricarboxylic perchlorotriphenylmethyl radical. Chemical Communications, 2004, , 1164-1165.	4.1	42
350	2D Layered coordination polymer based on an unusual mixed valence Cu(iii)/Cu(i) bis-1,2-diselenolene compound. CrystEngComm, 2004, 6, 589.	2.6	25
351	Synthesis, structural and magnetic properties of a series of copper(ii) complexes containing a monocarboxylated perchlorotriphenylmethyl radical as a coordinating open-shell ligand. Dalton Transactions, 2004, , 1073.	3.3	42
352	Open-shell channel-like salts formed by the supramolecular assembly of a tricarboxylated perchlorotriphenylmethyl radical and a [Co(bpy)3]2+ cation. CrystEngComm, 2004, 6, 573.	2.6	12
353	A Robust Nanocontainer Based on a Pure Organic Free Radical. Journal of the American Chemical Society, 2004, 126, 730-731.	13.7	75
354	Alkaline Side-Coordination Strategy for the Design of Nickel(II) and Nickel(III) Bis(1,2-diselenolene) Complex Based Materials. Inorganic Chemistry, 2004, 43, 3631-3641.	4.0	33
355	Polymorphism of a New Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) Based Molecular Conductor; Novel Transformations in Metallic BEDT-TTF Layers. Chemistry of Materials, 2004, 16, 2471-2479.	6.7	17
356	A Nanoscale View of Supramolecular Stereochemistry in Self-Assembled Monolayers of Enantiomers and Racemates. Langmuir, 2004, 20, 9628-9635.	3.5	41
357	Pressure Effect on the 3-D Magnetic Ordering of a Quasi-1-D Enantiopure Molecular Magnet. Journal of Physical Chemistry B, 2004, 108, 18441-18445.	2.6	17
358	Magnetism of isolatedMn12single-molecule magnets detected by magnetic circular dichroism: Observation of spin tunneling with a magneto-optical technique. Physical Review B, 2004, 69, .	3.2	36
359	Chiral, single-molecule nanomagnets: synthesis, magnetic characterization and natural and magnetic circular dichroism. Journal of Materials Chemistry, 2004, 14, 2455-2460.	6.7	48
360	Magnetic nanoporous coordination polymers. Journal of Materials Chemistry, 2004, 14, 2713.	6.7	461

#	Article	IF	CITATIONS
361	Spin Transfer and Magnetic Interaction via Phosphorus in Nitronyl Nitroxide Radical-Substituted Triphenylphosphine Derivatives. Journal of Physical Chemistry A, 2004, 108, 5903-5914.	2.5	29
362	Correlation between Crystal Structure and Mobility in Organic Field-Effect Transistors Based on Single Crystals of Tetrathiafulvalene Derivatives. Journal of the American Chemical Society, 2004, 126, 8546-8553.	13.7	265
363	Stereochemistry and EPR investigation of a chiral molecular magnet. Journal of Physics and Chemistry of Solids, 2004, 65, 723-726.	4.0	6
364	Synthesis and Characterization of a [Mn 12 O 12 (O 2 CR) 16 (H 2 O) 4 ] Complex Bearing Paramagnetic Carboxylate Ligands. Use of a Modified Acid Replacement Synthetic Approach. Monatshefte Für Chemie, 2003, 134, 265-276.	1.8	20
365	New Molecular Charge-Transfer Salts of TM-TTF and BMDT-TTF with Thiocyanate and Selenocyanate Complex Anions [TMTTF = Tetramethyltetrathiafulvalene; BMDT-TTF = Bis(methylenedithio)tetrathiafulvalene]. European Journal of Inorganic Chemistry, 2003, 2003, 720-725.	2.0	15
366	Isolated Single-Molecule Magnets on the Surface of a Polymeric Thin Film. Advanced Materials, 2003, 15, 42-45.	21.0	85
367	Title is missing!. Angewandte Chemie, 2003, 115, 2871-2874.	2.0	27
368	Molekulare magnetische Materialien. Angewandte Chemie, 2003, 115, 2674-2676.	2.0	13
369	Intramolecular Electron Transfer Mediated by a Tetrathiafulvalene Bridge in a Purely Organic Mixed-Valence System. Angewandte Chemie - International Edition, 2003, 42, 2765-2768.	13.8	100
370	Molecule-Based Magnetic Materials. Angewandte Chemie - International Edition, 2003, 42, 2570-2572.	13.8	108
371	Synthesis, X-ray structure and characterization of a novel [fc(IMH)2H]+[Co(hfac)3]â^' salt with hydrogen bonded ferrocenyl bis(imino hydroxylamino) building blocks. Journal of Organometallic Chemistry, 2003, 684, 44-49.	1.8	5
372	DELOS process: a crystallization technique using compressed fluids. Journal of Supercritical Fluids, 2003, 26, 33-45.	3.2	78
373	Nonlinear optical properties of open-shell polychlorotriphenylmethyl radicals. Polyhedron, 2003, 22, 1851-1856.	2.2	20
374	Examining the thermolysis reactions of nanoscopic Mn 12 single molecule magnets. Polyhedron, 2003, 22, 1951-1955.	2.2	15
375	From purely organic to metallo-organic chiral magnetic materials. Polyhedron, 2003, 22, 2349-2354.	2.2	23
376	Synthesis, X-ray structure and magnetic properties of a unusual transition Co(II) complex with polychlorotriphenylmethyl radicals. Polyhedron, 2003, 22, 1929-1934.	2.2	8
377	Magnetic and electrical properties of (DT-TTF) 4 [Au(pds) 2 ] 3. Polyhedron, 2003, 22, 2447-2452.	2.2	13
378	Molecular compounds based on DT-TTF and Au(cdc) 2 complex. Structural, magnetic and electrical properties. Polyhedron, 2003, 22, 2415-2422.	2.2	5

#	Article	IF	CITATIONS
379	Synthesis and characterization of a new chiral nanomagnet. Polyhedron, 2003, 22, 2355-2358.	2.2	18
380	A nanoporous molecular magnet with reversible solvent-induced mechanical and magnetic properties. Nature Materials, 2003, 2, 190-195.	27.5	633
381	A New Valence Tautomerism Example in an Electroactive Ferrocene Substituted Triphenylmethyl Radical. Journal of the American Chemical Society, 2003, 125, 1462-1463.	13.7	95
382	Synthesis, separation, and isomer-dependent packing in two dimensions—detected by scanning tunnelling microscopy—of a TTF derivative. Chemical Communications, 2003, , 906-907.	4.1	22
383	Bulk Spontaneous Magnetization in the New Radical Cation Salt TM-TTF[Cr(NCS)4(isoquinoline)2] (TM-TTF = Tetramethyltetrathiafulvalene). Inorganic Chemistry, 2003, 42, 7544-7549.	4.0	23
384	Multiple Length Scale Patterning of Single-Molecule Magnets. Nano Letters, 2003, 3, 1527-1530.	9.1	98
385	Multistability in a BEDT-TTF Based Molecular Conductor. Journal of the American Chemical Society, 2003, 125, 3948-3953.	13.7	52
386	Adlayers and Low-Dimensional Assemblies of a TTF Derivative at a Liquidâ^'Solid Interface. Nano Letters, 2003, 3, 1375-1378.	9.1	28
387	Pressure effect on the electrical properties of the ladder compounds (DT-TTF)2[M(mnt)2], M=Au, Pt, Ni. Synthetic Metals, 2003, 133-134, 405-406.	3.9	2
388	Strategies to construct spin-ladders using TTF derivatives as molecular building blocks. Synthetic Metals, 2003, 133-134, 523-526.	3.9	6
389	Single-molecule magnets on a polymeric thin film as magnetic quantum bits. , 2003, 5118, 594.		0
390	Intramolecular Electron Transfer in Organic Molecules. Molecular Nanowires. , 2002, , 125-138.		0
391	Isolation and Characterization of Four Isomers of a C60Bisadduct with a TTF Derivative. Study of Their Radical Ions. Journal of Organic Chemistry, 2002, 67, 566-575.	3.2	22
392	New Molecular Conductors Based on ETEDT-TTF Trihalides:Â From Single Crystals to Conducting Layers of Nanocrystals. Chemistry of Materials, 2002, 14, 3295-3304.	6.7	12
393	Rigidified tetrathiafulvalene–[60]fullerene assemblies: towards the control of through-space orientation between both electroactive units. Journal of Materials Chemistry, 2002, 12, 2137-2159.	6.7	53
394	Characterisation of nanoscopic [Mn12O12(O2CR)16(H2O)4] single-molecule magnets: physicochemical properties and LDI- and MALDI-TOF mass spectrometryLDI- and MALDI-TOF are acronyms for Laser Desorption/Ionisation and Matrix Assisted Laser Desorption/Ionisation Time-of-Flight Journal of Materials Chemistry 2002 12 1152-1161	6.7	44
395	Interesting transport and magnetic properties in a new family of molecular materials based on the organic donor BET-TTF and the perchanate anionElectronic supplementary information (ESI) available: overlap modes of the radical cations of 1–3. See http://www.rsc.org/suppdata/jm/b1/b106070h/. Journal of Materials Chemistry. 2002, 12, 432-441	6.7	7
396	A very bulky carboxylic perchlorotriphenylmethyl radical as a novel ligand for transition metal complexes. A new spin frustrated metal system. Chemical Communications, 2002, , 2958-2959.	4.1	32

#	ARTICLE	IF	CITATIONS
397	Recenic and enantiomerically pure phenyl I±-nitronyl nitroxide radicals: influence of chirality on solution and solid state propertiesElectronic supplementary information (ESI) available: figures showing alternative views of the crystal structures and the shortest distances between SOMOs in the crystals. See http://www.rsc.org/suppdata/jm/b1/b106239p/. Journal of Materials Chemistry, 2002, 12,	6.7	20
398	Novel Cu(iii) bis-1,2-diselenolene complex with a highly extended 3D framework through Na+ coordination. CrystEngComm, 2002, 4, 564.	2.6	31
399	Spontaneous resolution and absolute configuration of a coordination polymer formed by MnII and a ferrocene-based bisnitronyl nitroxide radicalElectronic supplementary information available: Experimental procedure. See http://www.rsc.org/suppdata/cc/b2/b205722k/. Chemical Communications, 2002 2342-2343.	4.1	36
400	Synthesis improvement, crystal structure and a charge-transfer complex of a sulphur dioxide-containing TTF derivative. Synthetic Metals, 2002, 128, 155-159.	3.9	3
401	Radical para-Benzoic Acid Derivatives: Transmission of Ferromagnetic Interactions through Hydrogen Bonds at Long Distances. Chemistry - A European Journal, 2002, 8, 3635.	3.3	70
402	An Enantiopure Molecular Ferromagnet. Angewandte Chemie - International Edition, 2002, 41, 586-589.	13.8	163
403	A Thermally and Electrochemically Switchable Molecular Array Based on a Manganese Schiff Base Complex. Advanced Functional Materials, 2002, 12, 347.	14.9	27
404	Two New Families of Charge Transfer Solids Based on [M(mnt)2]nâ~ and the Donors BMDT-TTF and EDT-TTF: Conducting and Magnetic Properties. Journal of Solid State Chemistry, 2002, 168, 563-572.	2.9	21
405	Nonlinear optical properties of polychlorotriphenylmethyl radicals: towards the design of `super-octupolar' molecules. Chemical Physics Letters, 2002, 363, 245-251.	2.6	30
406	Electronic localization in an extreme 1-D conductor: the organic salt (TTDM-TTF) [Au(mnt) ]. European Physical Journal B, 2002, 29, 27-33.	1.5	15
407	Synthesis and Characterization of a [Mn12 O12(O2CR)16(H2O)4] Complex Bearing Paramagnetic Carboxylate Ligands. Use of a Modified Acid Replacement Synthetic Approach. , 2002, , 149-160.		1
408	Chiroptical properties and magnetism of chiral and achiral phenyl α-nitronyl nitroxides in the solid state. Synthetic Metals, 2001, 121, 1798-1799.	3.9	0
409	Formation of a biradical species from a monoradical with a photo- and thermo isomerizable imine group. Synthetic Metals, 2001, 121, 1804-1805.	3.9	0
410	A new family of conducting and magnetic charge-transfer salts from BMDT-TTF. Synthetic Metals, 2001, 120, 799-800.	3.9	8
411	Synthesis and magnetic coupling of a bis(α-nitronyl nitroxide) radical derived from 1,2,4-triazole. Synthetic Metals, 2001, 121, 1830-1831.	3.9	7
412	Nonlinear optical properties of a new stable ferrocenyl Schiff-base polychlorotriphenylmethyl radical. Synthetic Metals, 2001, 121, 1834-1835.	3.9	11
413	An easy and efficient method to grow single crystals of monoanionic C60 salts on a copper surface. Synthetic Metals, 2001, 121, 1157-1158.	3.9	0
414	New dithiothiophene complexes for conducting and magnetic materials. Synthetic Metals, 2001, 120, 699-702.	3.9	8

#	Article	IF	CITATIONS
415	BET-TTF (bisethylenethio-tetrathiafulvalene) donor as a building block of organic metals. Synthetic Metals, 2001, 120, 717-718.	3.9	4
416	Unconventional pressure and magnetic field effect on the ground state of the organic quasi-2D metal (BET)9(ReO4)4·2THF. Synthetic Metals, 2001, 120, 1027-1028.	3.9	1
417	Isolation of two regioisomers of a triad of C60 based on a tetrathiafulvalene derivative. Synthetic Metals, 2001, 123, 523-527.	3.9	6
418	Circular dichroism studies of crystalline chiral and achiral α-nitronyl nitroxide †radicals in a KBr matrix. Perkin Transactions II RSC, 2001, , 670-676.	1.1	41
419	Stereoisomerism of Molecular Multipropellers. 2. Dynamic Stereochemistry of Bis- and Tris-Triaryl Systems. Journal of Organic Chemistry, 2001, 66, 1579-1589.	3.2	20
420	Synthesis and Characterization of a Nanoscopic Molecular-Scale Wire Bearing Terminal Redox-Active Polychlorotriphenylmethyl Radicals. Nano Letters, 2001, 1, 117-120.	9.1	13
421	Stereoisomerism of Molecular Multipropellers. 1. Static Stereochemistry of Bis- and Tris-triaryl Systems. Journal of Organic Chemistry, 2001, 66, 1567-1578.	3.2	19
422	New Flexible Low-Density Metallic Materials Containing the (BEDT-TTF)2(lxBr1-x)3 Molecular Metals as Active Components. Journal of Physical Chemistry B, 2001, 105, 11089-11097.	2.6	20
423	Synthesis, Crystal Structure, and Spectroscopic and Magnetic Properties of a New [Co4O(OOCNC9H18)6] Cluster. Organometallics, 2001, 20, 568-571.	2.3	20
424	A Phenyl α-Nitronyl Nitroxide with a Forced Chiral Conformation. Monatshefte Für Chemie, 2001, 132, 71-82.	1.8	2
425	Pyrazol-4-yl-substituted α-nitronyl and α-imino nitroxide radicals in solution and solid states. Polyhedron, 2001, 20, 1563-1569.	2.2	22
426	Solution state circular dichroism studies of chiral phenyl α-nitronyl nitroxide radicals. Polyhedron, 2001, 20, 1633-1641.	2.2	2
427	EPR study of the trans and cis isomers of a ferrocenyl Schiff-based polychlorotriphenylmethyl radical. Polyhedron, 2001, 20, 1643-1646.	2.2	2
428	Ferrocene as a ferromagnetic coupler. Synthesis and characterization of a ferrocene bridged polychlorotriphenylmethyl diradical. Journal of Organometallic Chemistry, 2001, 637-639, 251-257.	1.8	25
429	Ferrocene substituted nitronyl nitroxide and imino nitroxide radicals. Synthesis, X-ray structure and magnetic properties. Journal of Organometallic Chemistry, 2001, 637-639, 507-513.	1.8	14
430	Novel [60]fullerene–TTF cyclohexene fused polyadducts: unprecedented tri- and tetra-Diels–Alder adducts of dimethylidene[2H]tetrathiafulvalenes with C60. Tetrahedron Letters, 2001, 42, 3447-3450.	1.4	26
431	The dumbbell bis Diels–Alder adduct between tetramethylidene[4H]tetrathiafulvalene and two C60. Tetrahedron Letters, 2001, 42, 3717-3720.	1.4	23
432	Characterization of the vulcanization products of squalene by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry: model studies on the vulcanization of natural rubber. Journal of Mass Spectrometry, 2001, 36, 294-300.	1.6	13

#	Article	IF	CITATIONS
433	Chirality of α-Nitronyl Nitroxide Radicals in the Solid State. Journal of Solid State Chemistry, 2001, 159, 440-450.	2.9	15
434	Nickel Complexes Based on Thiophenedithiolate Ligands â^ Magnetic Properties of Metallocenium Salts. European Journal of Inorganic Chemistry, 2001, 2001, 3127-3133.	2.0	26
435	New Transparent Metal-like Bilayer Composite Films with Highly Conducting Layers of Î,-(BET-TTF)2Br·3H2O Nanocrystals. Advanced Functional Materials, 2001, 11, 299-303.	14.9	31
436	Influence of Topology on the Long-Range Electron-Transfer Phenomenon. Chemistry - A European Journal, 2001, 7, 240-250.	3.3	98
437	Gold Complexes with Dithiothiophene Ligands: A Metal Based on a Neutral Molecule. Chemistry - A European Journal, 2001, 7, 511-519.	3.3	114
438	A New Photomagnetic Molecular System Based on Photoinduced Self-Assembly of Radicals. Angewandte Chemie - International Edition, 2001, 40, 919-922.	13.8	40
439	Homo- and Heterochiral Supramolecular Tapes from Achiral, Enantiopure, and Racemic Promesogenic Formamides: Expression of Molecular Chirality in Two and Three Dimensions. Angewandte Chemie - International Edition, 2001, 40, 3217-3220.	13.8	91
440	Depressurization of an Expanded Liquid Organic Solution (DELOS):  A New Procedure for Obtaining Submicron- or Micron-Sized Crystalline Particles. Crystal Growth and Design, 2001, 1, 299-303.	3.0	62
441	Intramolecular electronic-transfer phenomena in organic mixed-valence compounds. , 2001, , 303-327.		7
442	A Phenyl α-Nitronyl Nitroxide with a Forced Chiral Conformation. , 2001, , 71-82.		2
443	was supported by grants from DGI (project MAT 2000-1388-C03-01), CIRIT (project 2000 SGR00114), the 3MD Network of the TMR program of the EU (contract ERBFMRX CT980181), and the ESF program Molecular Magnets. D.RM. thanks the Generalitat de Catalunya for a postdoctoral grant, and I.R. thanks the CSIC-Cathuros MetAilicos and FSF for fellowships. Angewandte Chemie - International	13.8	0
444	Edition, 2001, 40, 919-922. Matrix-assisted laser desorption/ionization time-of-flight mass spectrometric analysis of some conducting polymers. , 2000, 35, 550-555.		19
445	Halides of BET-TTF: Novel Hydrated Molecular Metals. Advanced Materials, 2000, 12, 54-58.	21.0	9
446	Stereochemistry of Phenylα-Nitronyl Nitroxide Radicals. Chemistry - A European Journal, 2000, 6, 2350-2361.	3.3	34
447	Spin Frustration in a Dimeric MnII Complex with a Metallocene-Substitutedα-Nitronyl Nitroxide Radical. Angewandte Chemie - International Edition, 2000, 39, 3688-3691.	13.8	24
448	A New Organic Conductor and a Novel Structural Phase Transition in the BEDT-TTF Trihalide Family. Advanced Materials, 2000, 12, 1205-1210.	21.0	17
449	Novel Dissymmetric Tetrathiafulvalenes as Precursors of Organic Metals: Synthesis, X-ray Crystal Structures, Electrochemical Properties and Study of Their Radical Cations. European Journal of Organic Chemistry, 2000, 2000, 2867-2875.	2.4	20
450	Organic Magnets. MRS Bulletin, 2000, 25, 41-51.	3.5	64

#	Article	IF	CITATIONS
451	Redox-Tunable Valence Tautomerism in a Cobalt Schiff Base Complex. Inorganic Chemistry, 2000, 39, 617-619.	4.0	77
452	Spin Density Distribution of α-Nitronyl Aminoxyl Radicals from Experimental and ab Initio Calculated ESR Isotropic Hyperfine Coupling Constants. Journal of the American Chemical Society, 2000, 122, 11393-11405.	13.7	70
453	Improved Synthesis of the π-Electron Donor Bis(ethylenethio)tetrathiafulvalene (BET-TTF). Synthesis, 1999, 1999, 577-579.	2.3	15
454	Magnetic behavior of a two-leg organic spin-ladder compound. Physical Review B, 1999, 60, 4191-4194.	3.2	44
455	Structure-Magnetism Relationships inα-Nitronyl Nitroxide Radicals. Chemistry - A European Journal, 1999, 5, 1631-1642.	3.3	103
456	The [(DT-TTF)2M(mnt)2] Family of Radical Ion Salts: From a Spin Ladder to Delocalised Conduction Electrons That Interact with Localised Magnetic Moments. Chemistry - A European Journal, 1999, 5, 2025-2039.	3.3	67
457	Influence of the Molecular Surface Characteristics of the Diastereoisomers of a Quartet Molecule on their Physicochemical Properties: A Linear Solvation Free-Energy Study. Chemistry - A European Journal, 1999, 5, 3533-3548.	3.3	24
458	Chiral linear isocyanide palladium(ii) and gold(i) complexes as ferroelectric liquid crystals. Journal of Materials Chemistry, 1999, 9, 2301-2305.	6.7	18
459	A Chiral Hydrogen-Bonded α-Phenyl Nitronyl Nitroxide in the Solution and Solid States. Molecular Crystals and Liquid Crystals, 1999, 334, 347-358.	0.3	12
460	A Uracil-Substituted α-Nitronyl Nitroxide. Molecular Crystals and Liquid Crystals, 1999, 334, 333-345.	0.3	20
461	Ferromagnetic interactions between triphenylmethyl radicals through an organometallic coupler. Chemical Communications, 1999, , 579-580.	4.1	34
462	Architecture of purely organic molecular magnets: Crystal packing rationalization of some α-nitronyl nitroxides using the crystal packing functional group analysis. Synthetic Metals, 1999, 103, 2283-2286.	3.9	6
463	Crystal engineering and magnetism of hydrogen-bonded phenyl nitronyl nitroxides. Synthetic Metals, 1999, 103, 2253-2256.	3.9	16
464	The (DT-TTF)-M(mnt)2 Family of Compounds. Synthetic Metals, 1999, 102, 1743-1746.	3.9	12
465	New asymmetric π-electron donors yielding metallic charge transfer salts. Synthetic Metals, 1999, 103, 2224-2227.	3.9	3
466	New family of low-dimensional organic metals based on the asymmetrical multisulfur donor ETEDT-TTF: transport and magnetotransport properties. Synthetic Metals, 1999, 102, 1772-1773.	3.9	3
467	A new family of charge transfer salts formed with the ï€-electron donor bet-ttf and reo4â^'. synthesis, x-ray structure and physical properties. Synthetic Metals, 1999, 102, 1707-1708.	3.9	4
468	Oriented thin films of p-nitrophenyl nitroxyl nitroxide radical. Synthetic Metals, 1999, 103, 2298-2299.	3.9	2

#	Article	IF	CITATIONS
469	Tetrathiafulvalene-C60 based dyads by Diels-Alder reaction of bis(methylene) [2H]TTF and C60. Synthetic Metals, 1999, 103, 2368.	3.9	2
470	Radical-ion salts based on C60-TTF fused dyads. Synthetic Metals, 1999, 102, 1488-1489.	3.9	0
471	New conducting molecular metal/polycarbonate bilayered composites: (ET)2IBr2/PC-, (BET)2IBr2/PC- and (BET)2I3/PC-films. Synthetic Metals, 1999, 102, 1785-1786.	3.9	10
472	Determination of the Spin Distribution in Nitronylnitroxides by Solid-State 1H, 2H, and 13C NMR Spectroscopy. Journal of the American Chemical Society, 1999, 121, 9659-9667.	13.7	66
473	Crystal architectures of organic molecular-based magnets. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 2873-2891.	3.4	14
474	Crystal Engineering of Purely Organic Molecular Magnets: What can AB Initio Computations Tell Us?. , 1999, , 105-125.		0
475	Symmetry: Friend or Foe?. , 1999, , 67-82.		1
476	Magnetic transitions in the positional isomers (4-HOPNN and 2-HOPNN) of an organic nitronyl nitroxide radical using muon–spin rotation. Chemical Physics Letters, 1998, 293, 160-166.	2.6	23
477	Mechanistic studies of the ring opening reactions of [1,2,3]triazolo[1,5-a]pyridines. Tetrahedron, 1998, 54, 9785-9790.	1.9	9
478	A New Family of Sulfur Dioxide-Containing TTF Derivatives. Advanced Materials, 1998, 10, 330-334.	21.0	22
479	The First Oriented Thin Films Based on a Nitronyl Nitroxide Radical. Advanced Materials, 1998, 10, 608-610.	21.0	35
480	Kinetic Control of "Unnatural―Chiral Induction in Poly(isocyanide)s. Advanced Materials, 1998, 10, 1001-1005.	21.0	28
481	Structure-Magnetism Relationships in α-Nitronyl Nitroxide Radicals: Pitfalls and Lessons to be Learned. Advanced Materials, 1998, 10, 1461-1466.	21.0	48
482	Crystal Structures of Chiral Diastereoisomers of a Carbon-Based High-Spin Molecule. Angewandte Chemie - International Edition, 1998, 37, 330-333.	13.8	33
483	Radical salts of the organic donor BET-TTFwith polyoxometalate clusters. Journal of Materials Chemistry, 1998, 8, 313-317.	6.7	31
484	Chelation Isomerism in (Allylamino)carbene Complexes and Its Impact on Stereoselection:Â A Study of Coordination Equilibrium by Dynamic HPLC. Journal of the American Chemical Society, 1998, 120, 2283-2289.	13.7	25
485	Persistent and Transient Open-Shell Species Derived from C60â^'TTF Cyclohexene-Fused Dyads. Journal of Organic Chemistry, 1998, 63, 5201-5210.	3.2	90
486	Transmission of Magnetic Interactions through an Organometallic Coupler:Â A Novel Family of Metallocene-Substituted α-Nitronyl Aminoxyl Radicals. Inorganic Chemistry, 1998, 37, 4547-4558.	4.0	41

#	Article	IF	CITATIONS
487	Long-Range Chiral Induction in Chemical Systems with Helical Organization. Promesogenic Monomers in the Formation of Poly(isocyanide)s and in the Organization of Liquid Crystals. Journal of the American Chemical Society, 1998, 120, 9126-9134.	13.7	105
488	Crystal Structures of Chiral Diastereoisomers of a Carbon-Based High-Spin Molecule. , 1998, 37, 330.		1
489	Structure–Magnetism Relationships in α-Nitronyl Nitroxide Radicals: Pitfalls and Lessons to be Learned. Advanced Materials, 1998, 10, 1461-1466.	21.0	1
490	Synthesis of a Sterically Congested Highly Chlorinated Triphenylmethane Dendrimer. Synlett, 1997, 1997, 1205-1207.	1.8	2
491	Role of the demagnetizing field on the EPR of organic radical magnets. Physical Review B, 1997, 55, 8398-8405.	3.2	30
492	The Influence of Chemical Surroundings on the Properties of α-Nitronyl Nitroxide Radicals in Solution. Its Relation with the Magnetic Properties in Solid State. Molecular Crystals and Liquid Crystals, 1997, 305, 367-384.	0.3	4
493	Coexistence of Ferromagnetic Coupling and Intramolecular Electron Transfer in a Purely Organic Mixed-Valence Molecule with a Triplet Ground State. Molecular Crystals and Liquid Crystals, 1997, 306, 125-132.	0.3	5
494	A Theoretical Analysis of the Packing and Polymorphism of the 2-Hydro Nttronyl Nitroxide Crystal. Molecular Crystals and Liquid Crystals, 1997, 305, 129-141.	0.3	7
495	The first Diels–Alder adduct of [60]fullerene with a tetrathiafulvalene. Chemical Communications, 1997, , 659-660.	4.1	52
496	Magnetostructural study of substituted α-nitronyl aminoxyl radicals with chlorine and hydroxy groups as crystalline design elements. Journal of Materials Chemistry, 1997, 7, 1723-1730.	6.7	22
497	Synthesis and Magnetic Characterization of Metallocene-Substituted α-Nitronyl Nitroxide Radicals. Molecular Crystals and Liquid Crystals, 1997, 306, 249-256.	0.3	4
498	Drawbacks Arising from the High Steric Congestion in the Synthesis of New Dendritic Polyalkylaromatic Polyradicals. Journal of Organic Chemistry, 1997, 62, 9009-9017.	3.2	24
499	Synthesis and Electrochemistry of Electronegative Spiroannelated Methanofullerenes:Â Theoretical Underpinning of the Electronic Effect of Addends and a Reductive Cyclopropane Ring-Opening Reaction. Journal of the American Chemical Society, 1997, 119, 9871-9882.	13.7	95
500	Study of intervalence bands due to reversible intramolecular electron transfer phenomena in purely organic mixed-valence high-spin molecules. Synthetic Metals, 1997, 85, 1651-1654.	3.9	10
501	Unusual transport and EPR properties of the (BET-TTF)-XF6 salts (X=P, As). Synthetic Metals, 1997, 86, 1993-1994.	3.9	11
502	Metallic conductivity in a disordered charge-transfer salt derived from cis-BET-TTF. Synthetic Metals, 1997, 86, 2145-2146.	3.9	16
503	A Biradical Mechanism in the Dielsâ~'Alder Reactions of 5-Methylene-2(5H)-furanones:Â Experimental Evidence and Theoretical Rationalization. Journal of the American Chemical Society, 1997, 119, 9992-10003.	13.7	41
504	Complexation of C60 with the multisulphur π-electron donor BETTTF. spectroscopic characterization and crystal structure of the ternary charge-transfer complexes (C60)(BETTTF)(solvent). Journal of Physics and Chemistry of Solids, 1997, 58, 1675-1678.	4.0	11

#	Article	IF	CITATIONS
505	An Organic Spin-Ladder Molecular Material. Angewandte Chemie International Edition in English, 1997, 36, 2324-2326.	4.4	54
506	Magnetic molecular metals based on the organic donor molecule BET (BET =) Tj ETQq0 0 0 rgBT /Overlock 10 984-987.	Tf 50 707 Td 21.0	l (Bis(ethylen 71
507	Mass Spectrometric Study of α-Nitronyl Nitroxides. A Class of Stable Organic Radicals. Rapid Communications in Mass Spectrometry, 1997, 11, 1103-1106.	1.5	6
508	Theoretical analysis of the crystal packing of nitronyl nitroxide radicals: the packing of the α-2-hydro nitronyl nitroxide radical. Chemical Physics Letters, 1997, 265, 190-199.	2.6	25
509	Systematic Study of the (ET)213 Reticulate Doped Polycarbonate Film: Structure, ESR, Transport Properties and Superconductivity. Journal De Physique, I, 1997, 7, 1665-1675.	1.2	22
510	Synthesis, Characterization, and Theoretical Study of Sulfur-Containing Donorâ´'Acceptor DCNQI Derivatives with Photoinduced Intramolecular Electron Transfer. Journal of Organic Chemistry, 1996, 61, 3041-3054.	3.2	21
511	Chiral Promesogenic Monomers Inducing One-Handed, Helical Conformations in Synthetic Polymers. Journal of the American Chemical Society, 1996, 118, 4703-4704.	13.7	56
512	Conducting thin films of molecular organic conductors, tetrathiafulvalene-7,7,8,8-tetracyano-p-quinodimethane (TTF-TCNQ). Synthetic Metals, 1996, 76, 309-312.	3.9	9
513	Intramolecular electron transfer phenomena in purely organic mixed-valence high-spin ions: A triplet anion case. Advanced Materials, 1996, 8, 748-752.	21.0	41
514	Preparation and characterization of conducting thin films of molecular organic conductors (TTF-TCNQ). Journal of Crystal Growth, 1996, 166, 798-803.	1.5	25
515	An FT-Pulsed ESR/Electron Spin Transient Nutation Study of Hyperbranched π-Aryl Stable Triplet and Quartet Molecules. Molecular Crystals and Liquid Crystals, 1996, 278, 295-300.	0.3	2
516	The Self-Assembly of Hydroxylated Phenyl α-Nitronyl Nitroxide Radicals. , 1996, , 219-248.		2
517	Organic Magnetic Materials. , 1996, , 425-448.		3
518	Design, Synthesis and Processing of Molecular-Organic and Inorganic-Magnetic Materials. , 1996, , 571-582.		1
519	Organic Ferromagnets. Hydrogen Bonded Supramolecular Magnetic Organizations Derived from Hydroxylated Phenyl ?-Nitronyl Nitroxide Radicals. Journal De Physique, I, 1996, 6, 1967-1986.	1.2	18
520	Consequences of the fractal character of dendritic high-spin macromolecules on their physicochemical properties. Advances in Dendritic Macromolecules, 1996, , 27-59.	0.6	0
521	Ferromagnetic interactions in organic/molecular materials. Advanced Materials, 1995, 7, 221-225.	21.0	63
522	CH…S and S…S: Two major forces in organic conductors. Advanced Materials, 1995, 7, 233-237.	21.0	120

#	Article	IF	CITATIONS
523	Bis(ethylenethio)tetrathiafulvalene (BET-TTF), an organic donor with high electrical conductivity. Advanced Materials, 1995, 7, 1023-1027.	21.0	26
524	Von den Pulverâ€Röntgenbeugungsdaten zur Struktur eines Molekülkristalls mit Wasserstoffbrückenbindungen und konkurrierenden ferromagnetischen und antiferromagnetischen Wechselwirkungen – das 2â€{3,4â€Dihydroxyâ€phenyl)â€I±â€nitronylnitroxidâ€Radikal. Angewandte Chemie, 99-102	1395, 107	, <sup>19</sup>
525	Structure Determination from Powder X-Ray Diffraction Data of a Hydrogen-Bonded Molecular Solid with Competing Ferromagnetic and Antiferromagnetic Interactions: The 2-(3,4-Dihydroxyphenyl)-ݱ-Nitronyl Nitroxide Radical. Angewandte Chemie International Edition in English, 1995, 34, 55-57.	4.4	94
526	Structural and electronic properties of the one-dimensional organic metal bis(thiodimethylene)-tetrathiafulvalene tetracyanoquinodimethane. Physical Review B, 1995, 52, 8747-8758.	3.2	12
527	Ab Initio Computation of the Spin Population of Substituted α-Nitronyl Nitroxide Radicals. Molecular Crystals and Liquid Crystals, 1995, 271, 79-90.	0.3	17
528	The Hydrogen Bonding Strategy. A New Approach Towards Purely Organic/Molecular Ferromagnets. Molecular Crystals and Liquid Crystals, 1995, 271, 1-12.	0.3	26
529	A New Family of Molecular Metals Based on Bis(ethylenethio)tetrathiafulvalene (BET-TTF) and Octahedral Counterions. Chemistry of Materials, 1995, 7, 1558-1567.	6.7	28
530	Control of the structural dimensionality in hydrogen-bonded self-assemblies of open-shell molecules. Extension of intermolecular ferromagnetic interactions in α-phenyl nitronyl nitroxide radicals into three dimensions. Journal of the Chemical Society Chemical Communications, 1995, , 709-710.	2.0	114
531	Charge-transfer salts based on BET-TTF and the linear ions AuX2â^' (X = Br, I). Synthetic Metals, 1995, 70, 883-886.	3.9	13
532	Synthesis and physical properties of new charge transfer salts derived from E-bis(ethylenethio)tetrathiafulvalene (BET-TTF). Synthetic Metals, 1995, 70, 1167-1168.	3.9	8
533	Synthesis and characterization of the charge-transfer complex C60: (BET-TTF). Synthetic Metals, 1995, 70, 1453-1454.	3.9	12
534	The importance of hydrogen bonds in the crystal packing of polyhydroxylated α-phenyl nitronyl nitronyl nitroxides. Synthetic Metals, 1995, 71, 1799-1800.	3.9	6
535	Role of hydrogen bonds in the propagation of ferromagnetic interactions in organic molecular solids. Part 1.—The p-hydroxyphenyl α-nitronyl aminoxyl radical case. Journal of Materials Chemistry, 1995, 5, 243-252.	6.7	84
536	Synthesis, structure and physical properties of charge-transfer complexes based on BET–TTF and M(mnt)2(M = Au, Pt). Journal of Materials Chemistry, 1995, 5, 1653-1658.	6.7	15
537	Purely Organic Mixed-Valence Molecules with Nanometric Dimensions Showing Long-Range Electron Transfer. Synthesis, and Optical and EPR Studies of a Radical Anion Derived from a Bis(triarylmethyl)Diradical. Angewandte Chemie International Edition in English, 1994, 33, 2106-2109.	4.4	71
538	Nanometergroße, rein organische Moleküle mit unterschiedlichen Oxidationsstufen an den Enden und langreichweitigem Elektronentransfer — Synthese sowie optische und EPRâ€Untersuchungen des Radikalanions eines Bis(triarylmethyl)â€Diradikals. Angewandte Chemie, 1994, 106, 2190-2193.	2.0	15
539	Coexistence of Alternating Ferromagnetic and Antiferromagnetic Intermolecular Interactions in Organic Compounds. Synthesis, Structure, Thermal Stability, and Magnetic Properties of 2,4-Hexadiynylenedioxybis[2-(p-phenylene)-4,4,5,5- tetramethyl-4,5-dihydro-1H-imidazol-1-oxyl] Diradical. Chemistry of Materials. 1994. 6. 2398-2411.	6.7	14
540	Synthesis of Several Isomeric Tetrathiafulvalene .piElectron Donors with Peripheral Sulfur Atoms. A Study of Their Radical Cations. Journal of Organic Chemistry, 1994, 59, 3307-3313.	3.2	129

#	Article	IF	CITATIONS
541	Hydrogen Bonds as a Crystal Design Element for Organic Molecular Solids with Intermolecular Ferromagnetic Interactions. Angewandte Chemie International Edition in English, 1993, 32, 882-884.	4.4	105
542	Structure of 2-selenoxoperhydro-2H-thieno[3,4-d][1,3]dithiole 5,5-dioxide. Acta Crystallographica Section C: Crystal Structure Communications, 1993, 49, 1129-1130.	0.4	2
543	Crystal structure of the semiconducting radical salt BTDMTTF.AsF6. Synthetic Metals, 1993, 56, 1944-1949.	3.9	0
544	(BTDM-TTF)-TCNQ complex, a new organic metal. Synthetic Metals, 1993, 56, 2050-2056.	3.9	5
545	Synthesis, solid state reactivity and magneto-structural correlations of symmetric diradical diacetylenes. Synthetic Metals, 1993, 55, 761-766.	3.9	0
546	Synthesis and study of a stable polyradical macromolecule with a helical structure. A poly(iminomethylene) with verdazyl radicals as side groups. Synthetic Metals, 1993, 55, 1141-1146.	3.9	11
547	Stable polyradicals with high-spin ground states. 2. Synthesis and characterization of a complete series of polyradicals derived from 2,4,6-trichloroalpha,.alpha,.alpha.',.alpha.'',.alpha.''.hexakis(pentachlorophenyl)mesitylene with S = 1/2, 1, and 3/2 ground states. Journal of the American Chemical Society, 1993, 115, 57-64.	13.7	131
548	Dendrimeric Hyperbranched Alkylaromatic Polyradicals with Mesoscopic Dimensions and High-Spin Ground States. Molecular Crystals and Liquid Crystals, 1993, 232, 333-342.	0.3	16
549	Molecular and Crystal Engineering in the Design of Organic Solids with Ferromagnetic Intermolecular Interactions. Molecular Crystals and Liquid Crystals, 1993, 232, 163-172.	0.3	4
550	Synthesis of a Series of Symmetrically Disubstituted Diacetylenes with Polychlorophenyl Rings as Side Groups and Linear Polyether Chains as Spacers. Synthesis, 1992, 1992, 1164-1169.	2.3	10
551	Arylether substituted diacetylenes with spacing groups of different length. A comparative study of their distinct solid state reactivities. Synthetic Metals, 1991, 41, 239-242.	3.9	0
552	Cation-radical salts of multisulfur π-donors (BET-TTF and BTDM-TTF) with anions of different geometries. Synthetic Metals, 1991, 42, 2199-2203.	3.9	2
553	Stable polyradicals with high spin ground states towards highly magnetic materials. Synthetic Metals, 1991, 43, 3285.	3.9	0
554	Stable polyradicals with high-spin ground states. 1. Synthesis, separation, and magnetic characterization of the stereoisomers of 2,4,5,6-tetrachloroalpha.,.alpha.,.alpha.'.alpha.'-tetrakis(pentachlorophenyl)-m-xylylene biradical. Journal of the American Chemical Society, 1991, 113, 2552-2561.	13.7	113
555	Synthesis and study of isomeric multisulfur π-donors BTDM-TTF and BET-TTF and their CT complexes. Synthetic Metals, 1991, 42, 2205-2209.	3.9	12
556	Dynamic HPLC: A Method for Determining Rate Constants, Energy Barriers, and Equilibrium Constants of Molecular Dynamic Processes. Angewandte Chemie International Edition in English, 1991, 30, 74-76.	4.4	115
557	Dynamische HPLC, eine Methode zur Bestimmung von Geschwindigkeitskonstanten, Energiebarrieren und Gleichgewichtskonstanten bei dynamischen molekularen Prozessen. Angewandte Chemie, 1991, 103, 85-88.	2.0	43

The Design Strategies Round Table Discussion. , 1991, , 385-387.

#	Article	IF	CITATIONS
559	Stable Polyradicals with High Spin Ground States. , 1991, , 121-132.		1
560	The Role of Chlorin—Chlorine Interaction in the Crystal structure of a Highly Volatile Molecule: Trans-3,4-Dichlorotetrahydrothiophene. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1990, 187, 59-65.	0.3	1
561	Crystal Structure of the Organic Free Radical Perchlorotriphenylmethyl From Powder X-Ray Diffraction Data. Comparison with its Clathrate Structures. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1990, 187, 155-163.	0.3	5
562	Crystal Structure and Magnetic Properties of 1,5-Diphenyl-3-(pâ^'Methacry-loyloxymethylphenyl) verdazyl Radical. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1990, 187, 67-74.	0.3	0
563	Stable Triplets and Quartets from Carbon Centered Polyradicals. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1989, 176, 77-84.	0.3	3
564	Bis(thiodimethylene)-tetrahiafulvalene (BTDM-TTF). A new π-electron donor with relevant oxidation properties. Tetrahedron Letters, 1989, 30, 7249-7252.	1.4	23
565	Is the Orthogonality of Partially Filled Orbitals in a Regular Chain a Proper Strategy Towards High Spin Molecules?. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1989, 176, 443-449.	0.3	3
566	BIS(dioxothiacyclopenta)-tetrathiafulvalene. Tetrahedron Letters, 1988, 29, 3467-3470.	1.4	16
567	Ionic association phenomena ofq-quinone methide radical anion salts. Reviews of Chemical Intermediates, 1988, 10, 35-70.	1.1	2
568	UPDATING OF PENTACHLOROBENZENESULFONIC ACID. Phosphorous and Sulfur and the Related Elements, 1988, 35, 273-279.	0.2	1
569	New Arylether Substituted Diacetylenes as Monomers for Solid State Polymerizations. Stable Free Radicals as Side Groups. Molecular Crystals and Liquid Crystals, 1988, 156, 289-299.	0.9	4
570	A Study of Triarylmethyl Diradicols as Magnetic Models for Organic Ferromagnets. Molecular Crystals and Liquid Crystals, 1988, 156, 301-310.	0.9	7
571	Inert carbon free radicals. 8. Polychlorotriphenylmethyl radicals: synthesis, structure, and spin-density distribution. The Journal of Physical Chemistry, 1987, 91, 5608-5616.	2.9	207
572	Free radicals as clathrate hosts: crystal and molecular structure of 1: 1 perchlorotriphenylmethyl radical–benzene. Journal of the Chemical Society Chemical Communications, 1987, , 812-814.	2.0	22
573	Isolation, properties and association phenomena of alkaline salts and their crown complexes of a radical anion. Journal of Inclusion Phenomena, 1987, 5, 173-176.	0.6	1
574	Free radicals as host molecules. Journal of Inclusion Phenomena, 1987, 5, 241-244.	0.6	0
575	Inert carbon free radicals. 7. The (kinetic) reverse effect and relevant synthesis of new monofunctionalized triphenylmethyl radicals and their nonradical counterparts. Journal of Organic Chemistry, 1986, 51, 2472-2480.	3.2	23
576	Synthesis and properties of the complex of 1,4,7,10,13,16-hexaoxacyclooctadecane with potassium perchlorotriphenylmethide. Journal of Organometallic Chemistry, 1985, 297, 131-141.	1.8	30

#	Article	IF	CITATIONS
577	Inert carbon free radicals. 4. Spin labeling of amino acids and peptides. Journal of Organic Chemistry, 1983, 48, 3716-3720.	3.2	27
578	Inert carbon free radicals. 3. Monofunctionalized radicals from perchlorotriphenylcarbenium hexachloroantimonate. Journal of Organic Chemistry, 1982, 47, 4498-4505.	3.2	42
579	Influence of a free radical substituent on reactivity (reverse effect). Results involving benzylic systems. Tetrahedron Letters, 1982, 23, 5075-5078.	1.4	4
580	Inert free radicals as spin labels. II. Reactions of 4-hydroxytetradecachlorotriphenylmethyl radical with alanine, phenylalanine, valine and proline. Tetrahedron Letters, 1978, 19, 479-480.	1.4	3
581	Nitroxide-Based Organic Magnets. , 0, , 1-60.		8
582	Discrete Portable Measuring Device for Monitoring Noninvasive Intraocular Pressure with a Nano-Structured Sensing Contact Lens Prototype. , 0, , 214-229.		0
583	Emergent Insulator–Metal Transition with Tunable Optical and Electrical Gap in Thin Films of a Molecular Conducting Composite. ACS Applied Electronic Materials, 0, , .	4.3	0