

Jaume Veciana

List of Publications by Year in descending order

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Version: 2024-02-01

583
papers

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citations

14124

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docs citations

644
times ranked

18165
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering pH-Sensitive Stable Nanovesicles for Delivery of MicroRNA Therapeutics. <i>Small</i> , 2022, 18, e2101959.	5.2	13
2	DELOS Nanovesicles-Based Hydrogels: An Advanced Formulation for Topical Use. <i>Pharmaceutics</i> , 2022, 14, 199.	2.0	4
3	Methods for Processing Protein Aggregates into Surfaces. <i>Methods in Molecular Biology</i> , 2022, 2406, 517-530.	0.4	2
4	Methods for the Characterization of Protein Aggregates. <i>Methods in Molecular Biology</i> , 2022, 2406, 479-497.	0.4	2
5	Photoswitching activation of a ferrocenyl-stilbene analogue by its covalent grafting to gold. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 6185-6192.	1.3	4
6	Quatsomes Formulated with α -Prolinol-Derived Surfactants as Antibacterial Nanocarriers of (+)-Usnic Acid with Antioxidant Activity. <i>ACS Applied Nano Materials</i> , 2022, 5, 6140-6148.	2.4	6
7	Enhanced human T cell expansion with inverse opal hydrogels. <i>Biomaterials Science</i> , 2022, 10, 3730-3738.	2.6	9
8	Impact of Chemical Composition on the Nanostructure and Biological Activity of β -Galactosidase-Loaded Nanovesicles for Fabry Disease Treatment. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 7825-7838.	4.0	16
9	Recombinant Human Epidermal Growth Factor/Quatsoome Nanoconjugates: A Robust Topical Delivery System for Complex Wound Healing. <i>Advanced Therapeutics</i> , 2021, 4, 2000260.	1.6	12
10	Allocation of Ambipolar Charges on an Organic Diradical with a Vinylene-Phenylenediyne Bridge. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6159-6164.	2.1	2
11	Bias-Dependent Direct and Inverted Marcus Charge Transport Affecting Rectification in a Redox-Active Molecular Junction. <i>Advanced Science</i> , 2021, 8, e2100055.	5.6	14
12	Application of Quality by Design to the robust preparation of a liposomal GLA formulation by DELOS-susp method. <i>Journal of Supercritical Fluids</i> , 2021, 173, 105204.	1.6	18
13	A Trapezoidal Octacyanoquinoid Acceptor Forms Solution and Surface Products by Antiparallel Shape Fitting with Conformational Dipole Momentum Switch. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17887-17892.	7.2	5
14	Engineering DNA-Grafted Quatsomes as Stable Nucleic Acid-Responsive Fluorescent Nanovesicles. <i>Advanced Functional Materials</i> , 2021, 31, 2103511.	7.8	9
15	Homogeneous and stable (+)-usnic acid loaded liposomes prepared by compressed CO ₂ . <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 624, 126749.	2.3	6
16	Poly(lactide), Processed by a Foaming Method Using Compressed Freon R134a, for Tissue Engineering. <i>Polymers</i> , 2021, 13, 3453.	2.0	0
17	Exploiting the versatile alkyne-based chemistry for expanding the applications of a stable triphenylmethyl organic radical on surfaces. <i>Chemical Science</i> , 2020, 11, 516-524.	3.7	20
18	An Enantiopure Propeller-Like Trityl-Brominated Radical: Bringing Together a High Racemization Barrier and an Efficient Circularly Polarized Luminescent Magnetic Emitter. <i>Chemistry - A European Journal</i> , 2020, 26, 3776-3781.	1.7	34

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19	Fully Water-Soluble Polyphosphorhydrazone-Based Radical Dendrimers Functionalized with Tyr-PROXYL Radicals as Metal-Free MRI Contrast Agents. <i>ACS Applied Bio Materials</i> , 2020, 3, 369-376.	2.3	17
20	MKC-Quatsomes: a stable nanovesicle platform for bio-imaging and drug-delivery applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102136.	1.7	17
21	CCL21-loaded 3D hydrogels for T cell expansion and differentiation. <i>Biomaterials</i> , 2020, 259, 120313.	5.7	43
22	Reversal of the Direction of Rectification Induced by Fermi Level Pinning at Molecule-Electrode Interfaces in Redox-Active Tunneling Junctions. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55044-55055.	4.0	21
23	Stability of radical-functionalized gold surfaces by self-assembly and on-surface chemistry. <i>Chemical Science</i> , 2020, 11, 9162-9172.	3.7	12
24	Electrocatalytic oxidative Z/E isomerization of a stilbene favoured by the presence of an electroactive persistent radical. <i>Chemical Communications</i> , 2020, 56, 14211-14214.	2.2	1
25	Organic Polyradicals as Redox Mediators: Effect of Intramolecular Radical Interactions on Their Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 45968-45975.	4.0	3
26	Dibenzocycloheptatriene as end-group of Thiele and tetrabenzo-Chichibabin hydrocarbons. <i>Chemical Communications</i> , 2020, 56, 12813-12816.	2.2	13
27	Highly Oxidized States of Phthalocyaninato Terbium(III) Multiple-Decker Complexes Showing Structural Deformations, Biradical Properties and Decreases in Magnetic Anisotropy. <i>Chemistry - A European Journal</i> , 2020, 26, 8621-8630.	1.7	19
28	Tris-pyridylmethylamine (TPMA) complexes functionalized with persistent nitronyl nitroxide organic radicals. <i>Dalton Transactions</i> , 2020, 49, 10011-10016.	1.6	3
29	Neutral Organic Radical Formation by Chemisorption on Metal Surfaces. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 3897-3904.	2.1	11
30	Stable anchoring of bacteria-based protein nanoparticles for surface enhanced cell guidance. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5080-5088.	2.9	11
31	Dye-Loaded Quatsomes Exhibiting FRET as Nanoprobes for Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20253-20262.	4.0	24
32	On the Sensing Mechanisms of a Hydroresistive Flexible Film Based on an Organic Molecular Metal. <i>ACS Applied Electronic Materials</i> , 2019, 1, 1781-1791.	2.0	1
33	Perylene Bridges Equally Delocalize Anions and Cations: Proportioned Quinoidal and Aromatic Content. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14467-14471.	7.2	21
34	Perylene Bridges Equally Delocalize Anions and Cations: Proportioned Quinoidal and Aromatic Content. <i>Angewandte Chemie</i> , 2019, 131, 14609-14613.	1.6	10
35	Organic Free Radicals as Circularly Polarized Luminescence Emitters. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16282-16288.	7.2	82
36	Redox-Active PTM Radical Dendrimers as Promising Multifunctional Molecular Switches. <i>Chemistry of Materials</i> , 2019, 31, 9400-9412.	3.2	15

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37	Organic Free Radicals as Circularly Polarized Luminescence Emitters. <i>Angewandte Chemie</i> , 2019, 131, 16428-16434.	1.6	17
38	High-Throughput Cell Motility Studies on Surface-Bound Protein Nanoparticles with Diverse Structural and Compositional Characteristics. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5470-5480.	2.6	7
39	Cell Type-Dependent Integrin Distribution in Adhesion and Migration Responses on Protein-Coated Microgrooved Substrates. <i>ACS Omega</i> , 2019, 4, 1791-1800.	1.6	22
40	Functionalization of polyacrylamide for nanotrapping positively charged biomolecules. <i>RSC Advances</i> , 2019, 9, 15402-15409.	1.7	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. <i>Journal of Materials Chemistry C</i> , 2019, 7, 7418-7426.	2.7	3
42	Two-dimensional self-assembly and electrical properties of the donor-acceptor tetrathiafulvalene-polychlorotriphenylmethyl radical on graphite substrates. <i>Journal of Applied Physics</i> , 2019, 125, 142909.	1.1	5
43	Targeted nanoliposomes for the treatment of Fabry disease. <i>Molecular Genetics and Metabolism</i> , 2019, 126, S17.	0.5	3
44	Synthesis of a vinyllogue tetrathiafulvalene derivative and study of its charge transfer complex with TCNQF4. <i>Synthetic Metals</i> , 2019, 247, 144-150.	2.1	17
45	Effect of the Molecular Polarizability of SAMs on the Work Function Modification of Gold: Closed- versus Open-Shell Donor-Acceptor SAMs. <i>Advanced Materials Technologies</i> , 2019, 4, 1800152.	3.0	13
46	Role of the Open-Shell Character on the Pressure-Induced Conductivity of an Organic Donor-Acceptor Radical Dyad. <i>Chemistry - A European Journal</i> , 2018, 24, 5500-5505.	1.7	14
47	Nanostructuring Lipophilic Dyes in Water Using Stable Vesicles, Quatsomes, as Scaffolds and Their Use as Probes for Bioimaging. <i>Small</i> , 2018, 14, e1703851.	5.2	25
48	Stimuli-Responsive Functionalization Strategies to Spatially and Temporally Control Surface Properties: Michael vs Diels-Alder Type Additions. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4481-4490.	1.2	13
49	Robust Organic Radical Molecular Junctions Using Acetylene Terminated Groups for C-Au Bond Formation. <i>Journal of the American Chemical Society</i> , 2018, 140, 1691-1696.	6.6	79
50	Oligothiophenylenevinylene Polarons and Bipolarons Confined between Electron-Accepting Perchlorotriphenylmethyl Radicals. <i>Chemistry - A European Journal</i> , 2018, 24, 3776-3783.	1.7	4
51	Insights into the structure and nanomechanics of a quatsome membrane by force spectroscopy measurements and molecular simulations. <i>Nanoscale</i> , 2018, 10, 23001-23011.	2.8	13
52	2D organic molecular metallic soft material derived from BEDO-TTF with electrochromic and rectifying properties. <i>Npj Flexible Electronics</i> , 2018, 2, .	5.1	4
53	Influence of the donor unit on the rectification ratio in tunnel junctions based on donor-acceptor SAMs using PTM units as acceptors. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25638-25647.	1.3	15
54	Artificial 3D Culture Systems for T Cell Expansion. <i>ACS Omega</i> , 2018, 3, 5273-5280.	1.6	28

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55	Self-Assembly of an Organic Radical Thin Film and Its Memory Function Investigated Using a Liquid-Metal Electrode. <i>Journal of Physical Chemistry C</i> , 2018, 122, 17784-17791.	1.5	11
56	Surface-Bound Gradient Deposition of Protein Nanoparticles for Cell Motility Studies. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25779-25786.	4.0	9
57	Tuning Spin-Spin Interactions in Radical Dendrimers. <i>ChemPhysChem</i> , 2018, 19, 1895-1902.	1.0	6
58	Highly Stable and Red-Emitting Nanovesicles Incorporating Lipophilic Diketopyrrolopyrroles for Cell Imaging. <i>Chemistry - A European Journal</i> , 2018, 24, 11386-11392.	1.7	20
59	Design of Perchlorotriphenylmethyl (PTM) Radical-Based Compounds for Optoelectronic Applications: The Role of Orbital Delocalization. <i>ChemPhysChem</i> , 2018, 19, 2572-2578.	1.0	17
60	Investigation of sensing capabilities of organic bi-layer thermistor in wearable e-textile and wireless sensing devices. <i>Organic Electronics</i> , 2017, 42, 146-152.	1.4	28
61	Bis(aminoaryl) Carbon-Bridged Oligo(phenylenevinylene)s Expand the Limits of Electronic Couplings. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2898-2902.	7.2	50
62	Study of the E-Z stilbene isomerisation in perchlorotriphenyl-methane (PTM) derivatives. <i>RSC Advances</i> , 2017, 7, 15278-15283.	1.7	7
63	Tuning the Rectification Ratio by Changing the Electronic Nature (Open-Shell and Closed-Shell) in Donor-Acceptor Self-Assembled Monolayers. <i>Journal of the American Chemical Society</i> , 2017, 139, 4262-4265.	6.6	51
64	Excimers from stable and persistent supramolecular radical-pairs in red/NIR-emitting organic nanoparticles and polymeric films. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 9313-9319.	1.3	42
65	NMR signal enhancement of >50,000 times in fast dissolution dynamic nuclear polarization. <i>Chemical Communications</i> , 2017, 53, 3757-3760.	2.2	18
66	Visible and near-IR spectroscopy of endohedral Gd@C82(C 2v) and Ho@C82(C 2v) metallofullerenes and their monoanions. <i>Russian Journal of Physical Chemistry A</i> , 2017, 91, 536-542.	0.1	2
67	Redox-Induced Gating of the Exchange Interactions in a Single Organic Diradical. <i>ACS Nano</i> , 2017, 11, 5879-5883.	7.3	50
68	Tetrathiafulvalene-Polychlorotriphenylmethyl Dyads: Influence of Bridge and Open-Shell Characteristics on Linear and Nonlinear Optical Properties. <i>Chemistry - A European Journal</i> , 2017, 23, 11067-11075.	1.7	21
69	Direct covalent grafting of an organic radical core on gold and silver. <i>RSC Advances</i> , 2017, 7, 20076-20083.	1.7	10
70	Proximity-Induced Shiba States in a Molecular Junction. <i>Physical Review Letters</i> , 2017, 118, 117001.	2.9	44
71	Operative Mechanism of Hole-Assisted Negative Charge Motion in Ground States of Radical-Anion Molecular Wires. <i>Journal of the American Chemical Society</i> , 2017, 139, 686-692.	6.6	25
72	Pressure-Responsive, Surfactant-Free CO ₂ -Based Nanostructured Fluids. <i>ACS Nano</i> , 2017, 11, 10774-10784.	7.3	15

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73	Fluorenyl-Loaded Quatsome Nanostructured Fluorescent Probes. ACS Omega, 2017, 2, 4112-4122.	1.6	18
74	Highly Fluorescent Silicon Nanocrystals Stabilized in Water Using Quatsomes. Langmuir, 2017, 33, 14366-14377.	1.6	15
75	Conflicting evidence for ferroelectricity. Nature, 2017, 547, E9-E10.	13.7	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.	1.7	14
77	TTF-PTM dyads: from switched molecular self assembly in solution to radical conductors in solid state. CrystEngComm, 2017, 19, 197-206.	1.3	18
78	Benzimidazole Nanoformulates: A Chance to Improve Therapeutics for Chagas Disease. American Journal of Tropical Medicine and Hygiene, 2017, 97, 1469-1476.	0.6	30
79	Nanostructured Quatsomes Encapsulating Fluorene-Derivatives for Lysosomal Labeling and Tracking. , 2017, , .		0
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.	0.3	1
81	Synthesis and Characterization of Ethylenedithio-MPTTF-PTM Radical Dyad as a Potential Neutral Radical Conductor. Magnetochemistry, 2016, 2, 46.	1.0	4
82	Structural and electronic characterisation of π -extended tetrathiafulvalene derivatives as active components in field-effect transistors. CrystEngComm, 2016, 18, 6149-6152.	1.3	10
83	β -Galactosidase Loaded Nanoliposomes with Enhanced Enzymatic Activity and Intracellular Penetration. Advanced Healthcare Materials, 2016, 5, 829-840.	3.9	40
84	Single Crystal-Like Performance in Solution-Coated Thin-Film Organic Field-Effect Transistors. Advanced Functional Materials, 2016, 26, 2379-2386.	7.8	87
85	A surface confined yttrium(III) bis-phthalocyaninato complex: a colourful switch controlled by electrons. Chemical Science, 2016, 7, 4940-4944.	3.7	7
86	Magnetic and Electrochemical Properties of a TEMPO-Substituted Disulfide Diradical in Solution, in the Crystal, and on a Surface. Chemistry - A European Journal, 2016, 22, 1805-1815.	1.7	13
87	Determination of molar extinction coefficients for endohedral metallofullerene Dy@C82(C2v). Russian Chemical Bulletin, 2016, 65, 2421-2424.	0.4	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.	1.1	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.	0.3	2
90	An Electrically Driven and Readable Molecular Monolayer Switch Based on a Solid Electrolyte. Angewandte Chemie - International Edition, 2016, 55, 368-372.	7.2	22

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91	Three Redox States of a Diradical Acceptor–Donor–Acceptor Triad: Gating the Magnetic Coupling and the Electron Delocalization. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2234-2239.	2.1	24
92	A redox-active radical as an effective nanoelectronic component: stability and electrochemical tunnelling spectroscopy in ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27733-27737.	1.3	7
93	Discrimination of Octahedral versus Trigonal Bipyramidal Coordination Geometries of Homogeneous TiIV, VV, and MoVI Amino Triphenolate Complexes through Nitroxyl Radical Units. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4968-4973.	1.0	10
94	Lipid-based nanovesicles for nanomedicine. <i>Chemical Society Reviews</i> , 2016, 45, 6520-6545.	18.7	224
95	Functional protein-based nanomaterial produced in microorganisms recognized as safe: A new platform for biotechnology. <i>Acta Biomaterialia</i> , 2016, 43, 230-239.	4.1	42
96	Chemical control over the energy-level alignment in a two-terminal junction. <i>Nature Communications</i> , 2016, 7, 12066.	5.8	50
97	Discrimination of Octahedral versus Trigonal Bipyramidal Coordination Geometries of Homogeneous TiIV, VV, and MoVI Amino Triphenolate Complexes through Nitroxyl Radical Units. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4939-4939.	1.0	0
98	1,2,3-Triazole–Diketopyrrolopyrrole Derivatives with Tunable Solubility and Intermolecular Interactions. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2617-2627.	1.2	26
99	Pressure-Induced Conductivity in a Neutral Nonplanar Spin-Localized Radical. <i>Journal of the American Chemical Society</i> , 2016, 138, 11517-11525.	6.6	38
100	Exchange Coupling Inversion in a High-Spin Organic Triradical Molecule. <i>Nano Letters</i> , 2016, 16, 2066-2071.	4.5	60
101	Optimized polarization build-up times in dissolution DNP-NMR using a benzyl amino derivative of BDPA. <i>RSC Advances</i> , 2016, 6, 27077-27082.	1.7	4
102	Dynamics of intramolecular spin exchange interaction of a nitronyl nitroxide diradical in solution and on surfaces. <i>Nanoscale</i> , 2016, 8, 5049-5058.	2.8	17
103	Fabrication and Application of Low Cost Flexible Film-Based Sensors to Environmental and Biomedical Monitoring Scenarios. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2016, , 203-216.	0.2	0
104	Approach to Engineering the Temperature Sensing E-textile: A Lightweight Thermistor as an Active Sensing Element. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2016, , 223-234.	0.2	1
105	Synthesis and characterization of endohedral metallofulleride K(18-crown-6)[Ho@C82(C 2v)]. <i>Russian Chemical Bulletin</i> , 2015, 64, 2473-2476.	0.4	3
106	A Highly Sensitive Pyroresistive All–Organic Infrared Bolometer. <i>Advanced Electronic Materials</i> , 2015, 1, 1500090.	2.6	21
107	A benzyl alcohol derivative of the BDPA radical for fast dissolution dynamic nuclear polarization NMR spectroscopy. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2689-2693.	1.5	12
108	Pyrene–Based Dyad and Triad Leading to a Reversible Chemical and Redox Optical and Magnetic Switch. <i>Chemistry - A European Journal</i> , 2015, 21, 5504-5509.	1.7	5

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109	Looking Inside the Perchlorinated Trityl Radical/Metal Spinterface through Spectroscopy. Journal of Physical Chemistry Letters, 2015, 6, 2101-2106.	2.1	29
110	Ï€-Donors microstructuring on surface of polymer film by their noncovalent interactions with iodine. Materials Chemistry and Physics, 2015, 160, 161-167.	2.0	2
111	Kondo Effect in a Neutral and Stable All Organic Radical Single Molecule Break Junction. Nano Letters, 2015, 15, 3109-3114.	4.5	117
112	Self-Assembled Architectures with Segregated Donor and Acceptor Units of a Dyad Based on a Monopyrrolo-Annulated TTF-PTM Radical. Chemistry - A European Journal, 2015, 21, 8816-8825.	1.7	25
113	Integrating mechanical and biological control of cell proliferation through bioinspired multieffector materials. Nanomedicine, 2015, 10, 873-891.	1.7	20
114	Organic radicals for the enhancement of oxygen reduction reaction in Li-O ₂ batteries. Chemical Communications, 2015, 51, 17623-17626.	2.2	35
115	Methods for Characterization of Protein Aggregates. Methods in Molecular Biology, 2015, 1258, 387-401.	0.4	15
116	Particle Engineering with CO ₂ -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€-Extended Dibenzotetrathiafulvalene Derivatives for Their Application in Organic Field-Effect Transistors. Chemistry - A European Journal, 2014, 20, 16672-16679.	1.7	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.	0.9	14
120	Highly sensitive and selective detection of the pyrophosphate anion biomarker under physiological conditions. Chemical Science, 2014, 5, 2328-2335.	3.7	18
121	A Compact Tetrathiafulvalene-Benzothiadiazole Dyad and Its Highly Symmetrical Charge-Transfer Salt: Ordered Donor Ï€-Stacks Closely Bound to Their Acceptors. Chemistry - A European Journal, 2014, 20, 7136-7143.	1.7	29
122	How does growth hormone releasing hexapeptide self-assemble in nanotubes?. Soft Matter, 2014, 10, 9260-9269.	1.2	7
123	Radical Dendrimers: A Family of Five Generations of Phosphorus Dendrimers Functionalized with TEMPO Radicals. Macromolecules, 2014, 47, 7717-7724.	2.2	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.	1.2	6
125	The ¹³ C solid DNP mechanisms with perchlorotriphenylmethyl radicals - the role of ^{35,37} Cl. Physical Chemistry Chemical Physics, 2014, 16, 19218-19228.	1.3	9
126	A new (TTF) ₁₁ I ₈ organic molecular conductor: from single crystals to flexible all-organic piezoresistive films. Journal of Materials Chemistry C, 2014, 2, 139-146.	2.7	6

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127	Novel PTMâ€“TEMPO Biradical for Fast Dissolution Dynamic Nuclear Polarization. <i>Organic Letters</i> , 2014, 16, 5402-5405.	2.4	14
128	Correction to A New Microcrystalline Phytosterol Polymorph Generated Using CO ₂ -Expanded Solvents. <i>Crystal Growth and Design</i> , 2014, 14, 1500-1500.	1.4	0
129	Intracellular targeting of CD44+ cells with self-assembling, protein only nanoparticles. <i>International Journal of Pharmaceutics</i> , 2014, 473, 286-295.	2.6	38
130	Surfactant-free CO ₂ -based microemulsion-like systems. <i>Chemical Communications</i> , 2014, 50, 8215-8218.	2.2	25
131	A New Microcrystalline Phytosterol Polymorph Generated Using CO ₂ -Expanded Solvents. <i>Crystal Growth and Design</i> , 2014, 14, 58-68.	1.4	23
132	Silk/molecular conductor bilayer thin-films: properties and sensing functions. <i>Materials Horizons</i> , 2014, 1, 522-528.	6.4	17
133	Tuning the Electronic Properties of Piezoresistive Bilayer Films Based on Î±â€“(BEDTâ€“TF) ₂ â€“ ₃ . <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3927-3932.	1.0	8
134	<i>In Vivo</i> Architectonic Stability of Fully <i>de Novo</i> Designed Protein-Only Nanoparticles. <i>ACS Nano</i> , 2014, 8, 4166-4176.	7.3	89
135	Wireless Sensor Node with Ultrasensitive Film Sensors for Emergency Applications. <i>Procedia Engineering</i> , 2014, 87, 520-523.	1.2	3
136	Conductive Fabric Responding to Extremely Small Temperature Changes. <i>Procedia Engineering</i> , 2014, 87, 144-147.	1.2	5
137	Surfaceâ€“Confined Electroactive Molecules for Multistate Charge Storage Information. <i>Advanced Materials</i> , 2013, 25, 462-468.	11.1	54
138	Electrochemical and magnetic properties of a surface-grafted novel endohedral metallofullerene derivative. <i>Chemical Communications</i> , 2013, 49, 8145.	2.2	9
139	Functionalization of 3D scaffolds with protein-releasing biomaterials for intracellular delivery. <i>Journal of Controlled Release</i> , 2013, 171, 63-72.	4.8	22
140	PDMS based photonic lab-on-a-chip for the selective optical detection of heavy metal ions. <i>Analyst</i> , 2013, 138, 839-844.	1.7	25
141	Multifunctional Nanovesicle-Bioactive Conjugates Prepared by a One-Step Scalable Method Using CO ₂ -Expanded Solvents. <i>Nano Letters</i> , 2013, 13, 3766-3774.	4.5	40
142	Electrochemical and chemical tuning of the surface wettability of tetrathiafulvalene self-assembled monolayers. <i>Chemical Communications</i> , 2013, 49, 8084.	2.2	17
143	Intramolecular electron transfer in the photodimerisation product of a tetrathiafulvalene derivative in solution and on a surface. <i>Chemical Science</i> , 2013, 4, 307-310.	3.7	15
144	Solid state photodimerisation of tetrathiafulvalene derivatives bearing carboxylate and carboxylic acid substituents. <i>CrystEngComm</i> , 2013, 15, 9878.	1.3	12

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145	Robust molecular micro-capsules for encapsulating and releasing hydrophilic contents. <i>Chemical Communications</i> , 2013, 49, 7827.	2.2	3
146	Photo-induced intramolecular charge transfer in an ambipolar field-effect transistor based on a π -conjugated donor-acceptor dyad. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3985.	2.7	45
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