

Michele Maggini

List of Publications by Year in descending order

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36303

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all docs

196
docs citations

196
times ranked

7282
citing authors

#	ARTICLE	IF	CITATIONS
1	Addition of azomethine ylides to C60: synthesis, characterization, and functionalization of fullerene pyrrolidines. <i>Journal of the American Chemical Society</i> , 1993, 115, 9798-9799.	13.7	1,261
2	Fulleropyrrolidines: A Family of Full-Fledged Fullerene Derivatives. <i>Accounts of Chemical Research</i> , 1998, 31, 519-526.	15.6	816
3	Intramolecular Electron Transfer in Fullerene/Ferrocene Based Donor-Bridge-Acceptor Dyads. <i>Journal of the American Chemical Society</i> , 1997, 119, 974-980.	13.7	327
4	Synthesis and electrochemical properties of substituted fulleropyrrolidines. <i>Tetrahedron</i> , 1996, 52, 5221-5234.	1.9	272
5	Polymer Solar Cells: Recent Approaches and Achievements. <i>Journal of Physical Chemistry C</i> , 2010, 114, 695-706.	3.1	234
6	C60 Derivative Covalently Linked to a Nitroxide Radical: Time-Resolved EPR Evidence of Electron Spin Polarization by Intramolecular Radical-Triplet Pair Interaction. <i>Journal of the American Chemical Society</i> , 1995, 117, 8857-8858.	13.7	179
7	The Effect of a Mild Thermal Treatment on the Performance of Poly(3-alkylthiophene)/Fullerene Solar Cells. <i>Advanced Materials</i> , 2002, 14, 1735-1738.	21.0	170
8	Easy Access to Water-Soluble Fullerene Derivatives via 1,3-Dipolar Cycloadditions of Azomethine Ylides to C60. <i>Journal of Organic Chemistry</i> , 1996, 61, 9070-9072.	3.2	169
9	Soluble Polythiophenes with Pendant Fullerene Groups as Double Cable Materials for Photodiodes. <i>Advanced Materials</i> , 2001, 13, 1871.	21.0	153
10	Energetic preference in 5,6 and 6,6 ring junction adducts of C60: fulleroids and methanofullerenes. <i>Journal of the American Chemical Society</i> , 1993, 115, 8479-8480.	13.7	151
11	Synthesis, Chiroptical Properties, and Configurational Assignment of Fulleroproline Derivatives and Peptides. <i>Journal of the American Chemical Society</i> , 1996, 118, 4072-4080.	13.7	136
12	A Bioactive Fullerene Peptide. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 4558-4562.	6.4	120
13	Photoinduced Electron Transfer in a Tris(2,2'-bipyridine)-C60-ruthenium(II) Dyad: Evidence of Charge Recombination to a Fullerene Excited State. <i>Chemistry - A European Journal</i> , 1998, 4, 1992-2000.	3.3	106
14	The Renaissance of fullerenes with perovskite solar cells. <i>Nano Energy</i> , 2017, 41, 84-100.	16.0	104
15	Molecular Recognition by a Silica-Bound Fullerene Derivative. <i>Journal of the American Chemical Society</i> , 1997, 119, 7550-7554.	13.7	101
16	A novel polythiophene with pendant fullerenes: toward donor/acceptor double-cable polymers. <i>Chemical Communications</i> , 2000, , 2487-2488.	4.1	100
17	Photoinduced electron transfer and long lived charge separation in a donor-bridge-acceptor supramolecular diad™ consisting of ruthenium(II) tris(bipyridine) functionalized C60. <i>Chemical Physics Letters</i> , 1995, 247, 510-514.	2.6	99
18	Synthesis of N-acylated fulleropyrrolidines: New materials for the preparation of Langmuir-Blodgett films containing fullerenes. <i>Tetrahedron Letters</i> , 1994, 35, 2985-2988.	1.4	96

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19	Experimental evidence for segregated ring currents in C60. <i>Journal of the American Chemical Society</i> , 1993, 115, 7876-7877.	13.7	92
20	Electrochemical Evidence for Through-Space Orbital Interactions in Spiromethanofullerenes. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1591-1594.	4.4	92
21	Solvent-Dependent Intramolecular Electron Transfer in a Peptide-Linked [Ru(bpy) ₃] ²⁺ -C ₆₀ Dyad. <i>Journal of the American Chemical Society</i> , 1999, 121, 3446-3452.	13.7	91
22	Electrochemically Induced Isomerization of a Fulleroid to a Methanofullerene. <i>Journal of the American Chemical Society</i> , 1994, 116, 8364-8365.	13.7	87
23	Ferrocenyl fulleropyrrolidines: a cyclic voltammetry study. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 589-590.	2.0	86
24	C60 derivatives embedded in sol-gel silica films. <i>Advanced Materials</i> , 1995, 7, 404-406.	21.0	86
25	Cubene (1,2-dehydrocubane). <i>Journal of the American Chemical Society</i> , 1988, 110, 7230-7232.	13.7	85
26	Stepwise Assembled Photoactive Films Containing Donor-Linked Fullerenes. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3905-3909.	13.8	85
27	Supramolecular Hybrids of [60]Fullerene and Single-Wall Carbon Nanotubes. <i>Chemistry - A European Journal</i> , 2006, 12, 3975-3983.	3.3	82
28	Electrochemical and Photophysical Properties of a Novel Polythiophene with Pendant Fulleropyrrolidine Moieties: Toward Double Cable Polymers for Optoelectronic Devices. <i>Journal of Physical Chemistry B</i> , 2002, 106, 70-76.	2.6	81
29	Synthesis and characterization of the first fullerene-peptide. <i>Journal of Organic Chemistry</i> , 1993, 58, 5578-5580.	3.2	79
30	Addition reactions of C60 leading to fulleroprolines. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 305.	2.0	77
31	X-ray structures of cubylcubane and 2-tert-butylcubylcubane: short cage-cage bonds. <i>Journal of the American Chemical Society</i> , 1988, 110, 7232-7234.	13.7	74
32	Wetting Properties of Flat and Porous Silicon Surfaces Coated with a Spiropyran. <i>Langmuir</i> , 2007, 23, 12945-12950.	3.5	73
33	Biodistribution studies of ultrasmall silicon nanoparticles and carbon dots in experimental rats and tumor mice. <i>Nanoscale</i> , 2018, 10, 9880-9891.	5.6	68
34	Synthesis of a [60]fullerene derivative covalently linked to a ruthenium(II) tris(bipyridine) complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, .	2.0	65
35	Synthesis and EPR Studies of Radicals and Biradical Anions of C60Nitroxide Derivatives. <i>Journal of the American Chemical Society</i> , 1997, 119, 789-795.	13.7	65
36	Electrochemical Monitoring of Valence Bond Isomers Interconversion in Bipyridyl-C61 Anions. <i>Journal of the American Chemical Society</i> , 1995, 117, 6572-6580.	13.7	64

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37	Study of the Aggregation Properties of a Novel Amphiphilic C60 Fullerene Derivative. <i>Langmuir</i> , 2001, 17, 6404-6407.	3.5	63
38	Scalable in Situ Diazomethane Generation in Continuous-Flow Reactors. <i>Organic Process Research and Development</i> , 2012, 16, 1146-1149.	2.7	62
39	A New C60 Polymer via Ring-Opening Metathesis Polymerization. <i>Chemistry of Materials</i> , 1995, 7, 441-442.	6.7	61
40	A Photosensitizer Dinuclear Ruthenium Complex: Intramolecular Energy Transfer to a Covalently Linked Fullerene Acceptor. <i>Chemistry - A European Journal</i> , 2001, 7, 1597-1605.	3.3	59
41	Use of Transient EPR Spectroscopy of Excited Triplet State for the Structural Assignment of Bisadducts of Fullerene C60. <i>Journal of the American Chemical Society</i> , 1997, 119, 12896-12901.	13.7	58
42	[6-6]-Closed versus [6-5]-Open Isomers of Imino- and Methanofullerenes: A Comparison with Pristine C60 and (C59N). <i>Journal of Physical Chemistry A</i> , 2000, 104, 8601-8608.	2.5	58
43	Fullerene-Promoted Singlet-Oxygen Photochemical Oxygenations in Glass-Polymer Microstructured Reactors. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2815-2822.	4.3	58
44	Optical limiting and non linear optical properties of fullerene derivatives embedded in hybrid sol-gel glasses. <i>Carbon</i> , 2000, 38, 1653-1662.	10.3	56
45	Energy Transfer Induced by Carbon Quantum Dots in Porous Zinc Oxide Nanocomposite Films. <i>Journal of Physical Chemistry C</i> , 2015, 119, 2837-2843.	3.1	55
46	Incorporation of an Acyl Group in Fulleropyrrolidines: Effects on Langmuir Monolayers. <i>Langmuir</i> , 1994, 10, 4164-4166.	3.5	54
47	EPR Studies on a Binitroxide Fullerene Derivative in the Ground Triplet and First Photoexcited Quintet State. <i>Journal of Physical Chemistry A</i> , 2000, 104, 4962-4967.	2.5	54
48	[60]Fullerene as a Substituent. <i>Chemistry - A European Journal</i> , 2002, 8, 1015.	3.3	53
49	Synthesis and Optical-Limiting Behavior of Hybrid Inorganic-Organic Materials from the Sol-Gel Processing of Organofullerenes. <i>Chemistry - A European Journal</i> , 1999, 5, 2501-2510.	3.3	52
50	Oxidation of diazo compounds by dimethyl dioxirane: an extremely mild and efficient method for the preparation of labile α -oxo-aldehydes. <i>Tetrahedron Letters</i> , 1991, 32, 6215-6218.	1.4	51
51	Spin polarization in fullerene derivatives containing a nitroxide group. Observation of the intermediate photoexcited quartet state in radical triplet pair interaction. <i>Applied Magnetic Resonance</i> , 1997, 12, 477-493.	1.2	51
52	3-(Glycidoxypropyl)-trimethoxysilane-TiO2 hybrid organic-inorganic materials for optical limiting. <i>Journal of Non-Crystalline Solids</i> , 2000, 265, 68-74.	3.1	51
53	Solar cells based on poly(3-alkyl)thiophenes and [60]fullerene: a comparative study. <i>Journal of Materials Chemistry</i> , 2002, 12, 2065-2070.	6.7	51
54	Optical limiting properties of soluble fullerene derivatives for incorporation in sol-gel materials. <i>Chemical Communications</i> , 1996, , 1891-1892.	4.1	49

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55	Mesostructured self-assembled titania films for photovoltaic applications. <i>Microporous and Mesoporous Materials</i> , 2006, 88, 304-311.	4.4	48
56	Hydrolysis Rate of Functionalized Fullerenes Bearing Alkoxysilanes: A Comparative Study. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2934-2941.	2.4	48
57	Microwave-Assisted Functionalization of Carbon Nanostructures in Ionic Liquids. <i>Chemistry - A European Journal</i> , 2009, 15, 12837-12845.	3.3	47
58	Imino Diels-Alder cycloadditions: An application to the synthesis of (±)-aristeromycin. <i>Tetrahedron Letters</i> , 1990, 31, 6243-6246.	1.4	46
59	Formation, Characterization, and Properties of Nanostructured [Ru(bpy) ₃] ²⁺ -C ₆₀ Langmuir-Blodgett Films in Situ at the Air-Water Interface on Various Substrates. <i>Langmuir</i> , 2000, 16, 1311-1318.	3.5	46
60	Synthesis of a proline-rich [60]fullerene peptide with potential biological activity. <i>Tetrahedron</i> , 2004, 60, 2823-2828.	1.9	46
61	Synthesis of luminescent 3D microstructures formed by carbon quantum dots and their self-assembly properties. <i>Chemical Communications</i> , 2014, 50, 6592-6595.	4.1	46
62	Novel EDTA-ligands containing an integral perylene bisimide (PBI) core as an optical reporter unit. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7045-7058.	2.8	45
63	A comparative electron paramagnetic resonance study of expanded graphites and graphene. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8105-8112.	5.5	44
64	A nanocellulose-dye conjugate for multi-format optical pH-sensing. <i>Chemical Communications</i> , 2014, 50, 9493-9496.	4.1	43
65	Synthesis and magnetic properties of N@C ₆₀ derivatives. <i>Chemical Physics Letters</i> , 2006, 422, 100-105.	2.6	42
66	A general procedure for the fluorodenitration of aromatic substrates. <i>Journal of Organic Chemistry</i> , 1991, 56, 6406-6411.	3.2	40
67	Solar cells based on a fullerene-azothiophene dyad. <i>Chemical Communications</i> , 2002, , 2028-2029.	4.1	40
68	Synthesis of (±)-8-deoxy-7-hydroxy-swainsonine and (±)-6,8-dideoxy-castanospermine. <i>Tetrahedron Letters</i> , 1992, 33, 6537-6540.	1.4	39
69	Synthesis and Self-Assembly of Oligo(<i>p</i> -phenylenevinylene) Peptide Conjugates in Water. <i>Chemistry - A European Journal</i> , 2011, 17, 2044-2047.	3.3	39
70	Radical Anions of Mono- and Bis-fulleropyrrolidines: An EPR Study. <i>Journal of Physical Chemistry A</i> , 1998, 102, 6331-6339.	2.5	36
71	Sensitization of Nanocrystalline TiO ₂ with Multibranched Organic Dyes and Co(III)/(II) Mediators: Strategies to Improve Charge Collection Efficiency. <i>Journal of Physical Chemistry C</i> , 2013, 117, 19885-19896.	3.1	34
72	Shape-selective growth of silver nanoparticles under continuous flow photochemical conditions. <i>Chemical Communications</i> , 2013, 49, 84-86.	4.1	34

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73	Stereoselective additions to [60]fullerene. <i>Chemical Communications</i> , 1996, , 903.	4.1	33
74	Charge separation in fullerene containing donor-bridge-acceptor molecules. <i>Carbon</i> , 2000, 38, 1615-1623.	10.3	32
75	Twenty years of research on silica-based chiral stationary phases. <i>Journal of Separation Science</i> , 2006, 29, 770-781.	2.5	32
76	Addition of quadricyclane to C60: easy access to fullerene derivatives bearing a reactive double bond in the side chain. <i>Journal of Organic Chemistry</i> , 1993, 58, 3613-3615.	3.2	31
77	Cell penetrating silica nanoparticles doped with two-photon absorbing fluorophores. <i>Tetrahedron</i> , 2006, 62, 10434-10440.	1.9	31
78	Zinc-Induced Switching of the Nonlinear Optical Properties of a Functionalized Bis(styryl)benzene. <i>Journal of the American Chemical Society</i> , 2004, 126, 6238-6239.	13.7	30
79	The continuous-flow cycloaddition of azomethine ylides to carbon nanotubes. <i>Chemical Communications</i> , 2011, 47, 9092.	4.1	30
80	Optical Limiting Devices Based on C60 Derivatives in Sol-Gel Hybrid Organic-Inorganic Materials. <i>Journal of Sol-Gel Science and Technology</i> , 2000, 19, 263-266.	2.4	29
81	Tempo-C61: An Unusual Example of Fulleroid to Methanofullerene Conversion. <i>Journal of Physical Chemistry A</i> , 2000, 104, 156-163.	2.5	29
82	Wetting Behavior of Porous Silicon Surfaces Functionalized with a Fulleropyrrolidine. <i>Langmuir</i> , 2006, 22, 8764-8769.	3.5	29
83	One- and Two-Photon Absorption and Emission Properties of a Zn(II) Chemosensor. <i>Journal of Physical Chemistry A</i> , 2006, 110, 6459-6464.	2.5	29
84	Sol-gel materials embedding fullerene derivatives for optical limiting. <i>Synthetic Metals</i> , 1997, 86, 2353-2354.	3.9	28
85	Synthesis and photoelectrochemical properties of a fullerene-azothiophene dyad. <i>Journal of Materials Chemistry</i> , 1999, 9, 2743-2750.	6.7	28
86	Continuous-flow synthesis of an efficient methanofullerene acceptor for bulk-heterojunction solar cells. <i>Energy and Environmental Science</i> , 2011, 4, 725-727.	30.8	28
87	Stochastic Modeling of CW-ESR Spectroscopy of [60]Fulleropyrrolidine Bisadducts with Nitroxide Probes. <i>Journal of the American Chemical Society</i> , 2006, 128, 4734-4741.	13.7	27
88	Synthesis and characterization of both enantiomers of a chiral C60 derivative with C2 symmetry. <i>Tetrahedron Letters</i> , 1995, 36, 2845-2846.	1.4	26
89	A Soluble Donor-Acceptor Double-Cable Polymer: Polythiophene with Pendant Fullerenes. <i>Monatshefte für Chemie</i> , 2003, 134, 519-527.	1.8	26
90	Solid state charge trapping: Examples of polymer systems showing memory effect. <i>Journal of Electroanalytical Chemistry</i> , 2007, 603, 227-234.	3.8	26

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91	Metal-free, retro-cycloaddition of fulleropyrrolidines in ionic liquids under microwave irradiation. <i>Chemical Communications</i> , 2009, , 3940.	4.1	26
92	Direct radical substitution on the cubane skeleton. <i>Tetrahedron Letters</i> , 1990, 31, 805-806.	1.4	25
93	Cycloaddition of nitrile oxides to [60]fullerene. <i>Chemical Communications</i> , 1997, , 59-60.	4.1	25
94	Electropolymerization and spectroscopic properties of a novel double-cable polythiophene with pendant fullerenes for photovoltaic applications. <i>Synthetic Metals</i> , 2001, 121, 1555-1556.	3.9	25
95	A luminescent multicomponent species made of fullerene and Ir(III) cyclometallated subunits. <i>Chemical Communications</i> , 2007, , 3556.	4.1	25
96	Investigation of the Inner Environment of Carbon Nanotubes with a Fullerene- π -Nitroxide Probe. <i>Small</i> , 2008, 4, 350-356.	10.0	25
97	Ultrastable Suspensions of Polyoxazoline-Functionalized ZnO Single Nanocrystals. <i>Chemistry of Materials</i> , 2015, 27, 2957-2964.	6.7	25
98	One-pot self-assembly of mesostructured silica films and membranes functionalised with fullerene derivatives. Electronic supplementary information (ESI) available: selected analytical data of 2 and 3. See http://www.rsc.org/suppdata/jm/b4/b401916d/ . <i>Journal of Materials Chemistry</i> , 2004, 14, 1838.	6.7	24
99	Structural Modifications of the Active Site in Teicoplanin and Related Glycopeptides. 2. Deglucoteicoplanin-Derived Tetrapeptide. <i>Journal of Organic Chemistry</i> , 1996, 61, 2151-2157.	3.2	23
100	A stabilization effect of [60]fullerene in donor-acceptor organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2003, 76, 107-113.	6.2	23
101	Molecular recognition of p - tert -butylcalixarenes by surface-linked fullerenes C 60 and C 70. <i>Tetrahedron</i> , 2001, 57, 6997-7002.	1.9	22
102	Nanocrystalline cellulose-porphyrin hybrids: synthesis, supramolecular properties, and singlet-oxygen production. <i>Chemical Communications</i> , 2013, 49, 8525.	4.1	22
103	Continuous-Flow Stereoselective Synthesis in Microreactors: Nucleophilic Additions to Nitrostyrenes Organocatalyzed by a Chiral Bifunctional Catalyst. <i>Journal of Flow Chemistry</i> , 2015, 5, 17-21.	1.9	21
104	Fullerene Derivatives in Poly(methylmethacrylate): An EPR and Zero-Field ODMR Study of Their Photoexcited Triplet States. <i>The Journal of Physical Chemistry</i> , 1996, 100, 13416-13420.	2.9	20
105	Synthesis and applications of fulleropyrrolidines. <i>Synthetic Metals</i> , 1996, 77, 89-91.	3.9	20
106	On-line monitoring and active control of dye uptake in dye-sensitised solar cells. <i>Chemical Communications</i> , 2011, 47, 11656.	4.1	20
107	Tailoring the wetting properties of thiolene microfluidic materials. <i>Lab on A Chip</i> , 2012, 12, 4041.	6.0	20
108	Solvent-tunable morphology and emission of pyrene-dipeptide organogels. <i>Journal of Peptide Science</i> , 2015, 21, 871-878.	1.4	20

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109	A Helical Peptide Receptor for [60]Fullerene. <i>Chemistry - A European Journal</i> , 2002, 8, 1544-1553.	3.3	19
110	Synthesis, EPR and ENDOR of [60]Fulleropyrrolidine Bisadducts with Nitroxide Addends: Magnitude and Sign of the Exchange Interaction. <i>ChemPhysChem</i> , 2002, 3, 527.	2.1	19
111	A fulleropyrrolidine binitroxide: synthesis, EPR and electrochemical features. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 3518-3525.	2.8	18
112	Shortened single-walled nanotubes functionalized with poly(ethylene glycol): preparation and properties. <i>Arkivoc</i> , 2004, 2003, 64-73.	0.5	18
113	CIDEP of fullerene C60 biradical bisadducts by intramolecular triplet-triplet quenching: a novel spin polarization mechanism for biradicals. <i>Chemical Physics Letters</i> , 2000, 330, 287-292.	2.6	17
114	The Associative Properties of Some Amphiphilic Fullerene Derivatives. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 1884-1891.	2.4	17
115	Rhenium(i) and ruthenium(ii) complexes with a crown-linked methanofullerene ligand: synthesis, electrochemistry and photophysical characterization. <i>Photochemical and Photobiological Sciences</i> , 2006, 5, 1154.	2.9	17
116	Transient EPR Studies of Excited Triplet States in Polyadducts of C60 and Bis(ethoxycarbonyl)methylene. <i>Journal of the American Chemical Society</i> , 1997, 119, 12902-12905.	13.7	16
117	Spin polarization and photoinduced electron transfer between ferrocene and fullerene derivatives containing a nitroxide group. <i>Applied Magnetic Resonance</i> , 1997, 13, 337-346.	1.2	16
118	Methanofullerenes from Macrocyclic Malonates. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 374-384.	2.4	16
119	Synthesis, Photophysics, and Photoresponse of Fullerene-Based Azoaromatic Dyads. <i>Chemistry - A European Journal</i> , 2005, 11, 5765-5776.	3.3	16
120	Time-resolved EPR characterisation of radical-triplet pairs formed by host-guest interaction of a photoexcited C60-crown ether with an ammonium aminoxyl in liquid solution. <i>Chemical Communications</i> , 2001, , 311-312.	4.1	15
121	Time-resolved EPR investigation of intramolecular photoinduced electron transfer in spin-labeled fullerene/ferrocene dyads. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 3526-3531.	2.8	15
122	A fullerene-based dyad for organic photovoltaic cells. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 79, 51-58.	2.3	15
123	A fullerene-azothiophene dyad for photovoltaics. <i>Synthetic Metals</i> , 2003, 139, 585-588.	3.9	14
124	An amphiphilic C60 derivative with a tris(2,2'-bipyridine)ruthenium(II) polar head group: synthesis and incorporation in Langmuir films. <i>Tetrahedron Letters</i> , 2005, 46, 2969-2972.	1.4	14
125	Time-resolved EPR investigation of [70]fulleropyrrolidine nitroxide isomers. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 495-502.	2.8	14
126	A fulleropyrrolidine-squaraine blue dyad: synthesis and application as an organic light detector. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1396-1399.	5.5	14

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127	Functional palladium metal films for plasmonic devices: an experimental proof. <i>Journal of Optics (United Kingdom)</i> , 2014, 16, 055001.	2.2	14
128	Chemistry of Carbon Nanotubes in Flow. <i>Journal of Flow Chemistry</i> , 2014, 4, 79-85.	1.9	14
129	Microfluidic Crystallization of Surfactant-Free Doped Zinc Sulfide Nanoparticles for Optical Bioimaging Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 44074-44087.	8.0	13
130	Biodegradable Hydrogels: Evaluation of Degradation as a Function of Synthesis Parameters and Environmental Conditions. <i>Soil Systems</i> , 2021, 5, 47.	2.6	13
131	Trans-cis amide bond isomerization in fulleropyrrolines. , 1998, 4, 364-368.		12
132	Preferential Orientation of Fulleropyrrolidine Bisadducts in E7 Liquid Crystal: A Time-Resolved Electron Paramagnetic Resonance Study. <i>Journal of Physical Chemistry B</i> , 1999, 103, 11275-11281.	2.6	12
133	Synthesis of Fullerene Derivatives for Incorporation in Sol-Gel Glasses. <i>Journal of Sol-Gel Science and Technology</i> , 2001, 22, 237-244.	2.4	12
134	Efficient as-cast bulk-heterojunction solar cells based on a tert-butyl substituted methanofullerene acceptor. <i>Journal of Materials Chemistry</i> , 2011, 21, 18308.	6.7	12
135	Continuous Flow Synthesis of Methanofullerenes in Microstructured Reactors: A Kinetic Study. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5571-5576.	2.4	12
136	Metal-Free Antibacterial Additives Based on Graphene Materials and Salicylic Acid: From the Bench to Fabric Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26288-26298.	8.0	12
137	Unexpected Formation of Dienes in the Diels-Alder Reaction of Exocyclic 1-Bromobutadienes of Polycyclic Hydrocarbons. <i>Journal of Organic Chemistry</i> , 1996, 61, 153-158.	3.2	11
138	Spin-labeled fulleropyrrolidines. <i>Comptes Rendus Chimie</i> , 2006, 9, 909-915.	0.5	11
139	Dynamics of a Nitroxide Layer Grafted onto Porous Silicon. <i>Langmuir</i> , 2010, 26, 1889-1893.	3.5	11
140	Photoinduced intercomponent excited-state decays in a molecular dyad made of a dinuclear rhenium(i) chromophore and a fullerene electron acceptor unit. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 909-918.	2.9	11
141	Through bond mechanism versus exciplex formation in the photochemistry of fullerene / ferrocene donor-bridge-acceptor dyads. <i>Research on Chemical Intermediates</i> , 1997, 23, 561-573.	2.7	10
142	Optical limiting of multilayer sol-gel structures containing fullerenes. <i>Synthetic Metals</i> , 1999, 103, 2474-2475.	3.9	10
143	Unexpected high ordering of a [60]Fullerene nitroxide in the nematic phase of 4-azoxyanisole. <i>Liquid Crystals</i> , 2002, 29, 203-208.	2.2	10
144	A fullerene-distyrylbenzene photosensitizer for two-photon promoted singlet oxygen production. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 4656.	2.8	10

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145	Conjugated Polymers in Cages: Templating Poly(3-hexylthiophene) Nanocrystals by Inert Gel Matrices. <i>Advanced Materials</i> , 2012, 24, 5636-5641.	21.0	10
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