

Enrique Font-Sanchis

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Bond Dissociation Energies for Radical Dimers Derived from Highly Stabilized Carbon-Centered Radicals. <i>Organic Letters</i> , 2004, 6, 2579-2582.	4.6	119
2	Lactone-Derived Carbon-Centered Radicals: Formation and Reactivity with Oxygen. <i>Organic Letters</i> , 2001, 3, 4059-4062.	4.6	73
3	A water-soluble perylene dye functionalised with a 17 β -estradiol: a new fluorescent tool for steroid hormones. <i>Chemical Communications</i> , 2011, 47, 8307.	4.1	58
4	Greatly attenuated reactivity of nitrile-derived carbon-centered radicals toward oxygen. <i>Chemical Communications</i> , 2002, , 1576-1577.	4.1	54
5	Generation and Reactivity toward Oxygen of Carbon-Centered Radicals Containing Indane, Indene, and Fluorenyl Moieties. <i>Journal of Organic Chemistry</i> , 2003, 68, 3199-3204.	3.2	45
6	One- vs Two-Photon Processes in the Photochemistry of 1,n-Dihaloalkanes. <i>Accounts of Chemical Research</i> , 2001, 34, 717-726.	15.6	44
7	Indium-Mediated Synthesis of Heterobiaryls. <i>Journal of Organic Chemistry</i> , 2007, 72, 3589-3591.	3.2	43
8	Reactivity toward Oxygen of Isobenzofuranyl Radicals: Effect of Nitro Group Substitution. <i>Organic Letters</i> , 2003, 5, 1515-1518.	4.6	40
9	Solvent-Free Off-On Detection of the Improvised Explosive Triacetone Triperoxide (TATP) with Fluorogenic Materials. <i>Chemistry - A European Journal</i> , 2017, 23, 13973-13979.	3.3	28
10	Efficient Optical Amplification in a Sandwich-Type Active-Passive Polymer Waveguide Containing Perylenediimides. <i>ACS Photonics</i> , 2017, 4, 114-120.	6.6	24
11	Perylenediimides as more than just non-fullerene acceptors: versatile components in organic, hybrid and perovskite solar cells. <i>Chemical Communications</i> , 2020, 56, 3824-3838.	4.1	23
12	Laser Flash, Laser-Drop, and Lamp Photolysis of 1,3-Dichloro-1,3-diphenylpropane. One-versus-Two-Photon Reaction Pathways. <i>Journal of Organic Chemistry</i> , 1997, 62, 5713-5719.	3.2	17
13	Near-Infrared Photoelectrochemical Conversion via Photoinduced Charge Separation in Supramolecular Complexes of Anionic Phthalocyanines with Li ⁺ @C60. <i>Journal of Physical Chemistry B</i> , 2015, 119, 7690-7697.	2.6	17
14	Laser ultrasonic receivers based on organic photorefractive polymer composites. <i>Applied Physics B: Lasers and Optics</i> , 2014, 114, 509-515.	2.2	16
15	Fluoride-mediated alkoxylation and alkylthio-functionalization of halogenated perylenediimides. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2016-2021.	4.5	15
16	Alkoxy-styryl DCDHF fluorophores. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 7768.	2.8	14
17	The 4,4 α -(1,2-Ethanediy)bisbenzyl Biradical: Its Generation, Detection, and (Photo)chemical Behavior in Solution. <i>Journal of Organic Chemistry</i> , 2001, 66, 2717-2721.	3.2	13
18	Water soluble fluorescent-magnetic perylenediimide-containing maghemite-nanoparticles for bimodal MRI/OI imaging. <i>Journal of Inorganic Biochemistry</i> , 2012, 117, 205-211.	3.5	13

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19	Five-Membered-Ring 9-I-2 Radicals: Direct Detection and Comparison with Other Hypervalent Iodine Radicals. <i>Organic Letters</i> , 1999, 1, 1587-1589.	4.6	10
20	Photochemistry of Acyl-Alkyl Biradicals. <i>Journal of Organic Chemistry</i> , 1999, 64, 3802-3803.	3.2	10
21	Direct alkylthio-functionalization of unsubstituted perylenediimides. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9375-9383.	2.8	10
22	Easy and mild fluoride-mediated direct mono- and dialkoxylation of perylenediimides. <i>Dyes and Pigments</i> , 2016, 127, 9-17.	3.7	10
23	Flash Photolysis of 1,3-Dichloro-1,3-diphenylpropane in Polar Solvents: Generation of a Stabilized $\dot{\text{I}}^3$ -Chloropropyl Cation, Subsequent Formation of a Propenyl Cation, and Nucleophilic Trapping of Both Cations. <i>Journal of Physical Chemistry A</i> , 1998, 102, 5724-5727.	2.5	9
24	Two-Photon Generation of the 1,4-Diphenyl-1,4-butanediyl Biradical: Direct Detection and Product Studies. <i>Journal of Organic Chemistry</i> , 1999, 64, 7842-7845.	3.2	9
25	Laser Flash Photolysis of [3,n]Paracyclophan-2-ones. Direct Observation and Chemical Behavior of 4,4-(1,n-Alkanediyl)bisbenzyl Biradicals. <i>Journal of Organic Chemistry</i> , 2002, 67, 6131-6135.	3.2	9
26	Millisecond photorefractivity with novel dicyanomethylenedihydrofuran-containing polymers. <i>Journal of Materials Chemistry</i> , 2012, 22, 12220.	6.7	9
27	Purcell-enhancement of the radiative PL decay in perylenediimides by coupling with silver nanoparticles into waveguide modes. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	9
28	Directly Linked Zinc Phthalocyanine-Perylenediimide Dyads and a Triad for Ultrafast Charge Separation. <i>Chemistry - A European Journal</i> , 2019, 25, 10123-10132.	3.3	9
29	Lamp versus laser photolysis of 1,3-dichloro-1,3-diphenylpropane in cyclohexane. Direct observation of 1,3-diphenylpropenyl radical. <i>Tetrahedron Letters</i> , 1996, 37, 4923-4926.	1.4	7
30	Synthesis and nonlinear optical properties of chromophores for photorefractive polymer materials. <i>Tetrahedron</i> , 2009, 65, 4513-4520.	1.9	7
31	Mechanistic studies on the photogeneration of o- and p-xylylenes from $\dot{\text{I}}^{\pm}$ -dichloroxylenes. <i>Chemical Communications</i> , 1998, , 1541-1542.	4.1	6
32	Temperature-Dependent Photochemistry of 1,3-Diphenylpropenes. The Di- $\dot{\text{I}}$ -Methane Reaction Revisited. <i>Journal of the American Chemical Society</i> , 2001, 123, 11883-11889.	13.7	6
33	Flash Photolysis of (E)-1,2-Bis(1-chloro-1-phenylmethyl)cyclopropane. Generation of 1,5-Diphenylpentadienyl Radical and 1,5-Diphenylpentadienylum Cation. <i>Journal of Organic Chemistry</i> , 2002, 67, 1162-1166.	3.2	6
34	Fluoride-triggered indium-mediated synthesis of (hetero)biaryls. <i>Dalton Transactions</i> , 2009, , 2470.	3.3	5
35	Diels-Alder reaction on perylenediimides: synthesis and theoretical study of core-expanded diimides. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2860-2871.	4.5	5
36	The Di- $\dot{\text{I}}$ -methane Reaction of 3,3-Dimethyl-1,3-Diphenylpropene Revisited: Dynamics and Barriers for Competitive Singlet State Reactions. <i>Journal of the American Chemical Society</i> , 2000, 122, 8571-8572.	13.7	3

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37	A Four-Member Ring Hypervalent Iodine Radical. <i>Journal of Physical Chemistry A</i> , 1998, 102, 9975-9977.	2.5	2
38	Photochemistry of 1,N-Diiodoalkanes. <i>Progress in Reaction Kinetics and Mechanism</i> , 2001, 26, 139-158.	2.1	2
39	Characterization and Polymerization of Thienylphenyl and Selenylphenyl Amines and Their Interaction with CdSe Quantum Dots. <i>ChemPhysChem</i> , 2011, 12, 1155-1164.	2.1	2
40	Generation and Reactivity Toward Oxygen of Carbon-Centered Radicals Containing Indane, Indene, and Fluorenyl Moieties.. <i>ChemInform</i> , 2003, 34, no.	0.0	0