

Marie-Helene Delville

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131
papers

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h-index

54
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139
ext. papers

3,869
ext. citations

5.9
avg, IF

4.82
L-index

#	Paper	IF	Citations
131	Smart control of monodisperse Stöber silica particles: effect of reactant addition rate on growth process. <i>Langmuir</i> , 2005 , 21, 1516-23	4	243
130	Metal-Induced Self-Assembly of a Pyrene-Tethered Hydroxamate Ligand for the Generation of Multichromophoric Supramolecular Systems. The Pyrene Excimer as Switch for Iron(III)-Driven Intramolecular Fluorescence Quenching. <i>Journal of the American Chemical Society</i> , 1998 , 120, 7511-7519	16.4	133
129	Fine tuning of the relaxometry of $\text{Fe}_2\text{O}_3/\text{SiO}_2$ nanoparticles by tweaking the silica coating thickness. <i>ACS Nano</i> , 2010 , 4, 5339-49	16.7	130
128	Lithium solvation and diffusion in the 1-butyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide ionic liquid. <i>Journal of Raman Spectroscopy</i> , 2008 , 39, 627-632	2.3	130
127	Organometallic Molecular Trees as Multielectron and Multiproton Reservoirs: CpFe ⁺ -Induced Nonaallylation of Mesitylene and Phase-Transfer Catalyzed Synthesis of a Redox-Active Nonairon Complex. <i>Angewandte Chemie International Edition in English</i> , 1993 , 32, 1075-1077		119
126	Dissymmetric carbon nanotubes by bipolar electrochemistry. <i>Nano Letters</i> , 2008 , 8, 500-4	11.5	105
125	Individualized silica nanohelices and nanotubes: tuning inorganic nanostructures using lipidic self-assemblies. <i>Nano Letters</i> , 2008 , 8, 1929-35	11.5	100
124	TopDown Approach for the Preparation of Colloidal Carbon Nanoparticles. <i>Chemistry of Materials</i> , 2004 , 16, 2984-2986	9.6	95
123	Fabrication of network films of conducting polymer-linked polyoxometallate-stabilized carbon nanostructures. <i>Electrochimica Acta</i> , 2006 , 51, 2373-2379	6.7	92
122	Towards large amounts of Janus nanoparticles through a protection-deprotection route. <i>Chemical Communications</i> , 2005 , 5542-3	5.8	85
121	GoldHelix: Gold Nanoparticles Forming 3D Helical Superstructures with Controlled Morphology and Strong Chiroptical Property. <i>ACS Nano</i> , 2017 , 11, 3806-3818	16.7	78
120	One-, two- and three-electron reduction of C ₆₀ using the electron-reservoir complex [Fe(C ₅ H ₅)(C ₆ Me ₆)]. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 333-334		76
119	Organometallic electron reservoirs. Part 36. Binuclear electron reservoir complexes. Syntheses, reactivity, and electronic structure of the 37- and 38-electron fulvalene complexes. <i>Journal of the American Chemical Society</i> , 1989 , 111, 5800-5809	16.4	76
118	Nanosized hybrid oligoamide foldamers: aromatic templates for the folding of multiple aliphatic units. <i>Journal of the American Chemical Society</i> , 2009 , 131, 8642-8	16.4	64
117	Use of lanthanide-grafted inorganic nanoparticles as effective contrast agents for cellular uptake imaging. <i>Bioconjugate Chemistry</i> , 2007 , 18, 1053-63	6.3	64
116	Short gold nanorod growth revisited: the critical role of the bromide counterion. <i>ChemPhysChem</i> , 2012 , 13, 193-202	3.2	63
115	Versatile Procedure for Synthesis of Janus-Type Carbon Tubes. <i>Chemistry of Materials</i> , 2011 , 23, 2595-2598	9.0	62

114	Exfoliation-induced nanoribbon formation of poly(3,4-ethylene dioxythiophene) PEDOT between MoS ₂ layers as cathode material for lithium batteries. <i>Journal of Power Sources</i> , 2006 , 156, 615-619	8.9	62
113	Entrapment of poly(3,4-ethylenedioxythiophene) between VS ₂ layers to form a new organic/inorganic intercalative nanocomposite. <i>Journal of Materials Chemistry</i> , 2005 , 15, 902-909		61
112	Relaxometric Studies of [Fe ₂ O ₃ @SiO ₂] Core Shell Nanoparticles: When the Coating Matters. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 2285-2291	3.8	58
111	Functionalized nanomaterials: their use as contrast agents in bioimaging: mono- and multimodal approaches. <i>Nanotechnology Reviews</i> , 2013 , 2, 125-169	6.3	55
110	Triple C ₆₀ /N ₆₀ Activation by O ₂ for Molecular Engineering: Heterobifunctionalization of the 19-Electron Redox Catalysts Fe[Cp(arene)]. <i>Journal of the American Chemical Society</i> , 1997 , 119, 11132-11133	16.4	49
109	Scanning Electrochemical Microscopy Studies of Electron Transfer through Monolayers Containing Conjugated Species at the Liquid/Liquid Interface. <i>Langmuir</i> , 1998 , 14, 2774-2779	4	48
108	Smart Surface Dissymmetrization of Microparticles Driven by Laser Photochemical Deposition. <i>Langmuir</i> , 2003 , 19, 226-229	4	45
107	Low-Temperature UV-Processing of Nanocrystalline Nanoporous Thin TiO ₂ Films: An Original Route toward Plastic Electrochromic Systems. <i>Chemistry of Materials</i> , 2008 , 20, 7260-7267	9.6	44
106	Lanthanide-DTPA grafted silica nanoparticles as bimodal-imaging contrast agents. <i>Biomaterials</i> , 2012 , 33, 925-35	15.6	43
105	Chiral colloids: homogeneous suspension of individualized SiO ₂ helical and twisted nanoribbons. <i>ACS Nano</i> , 2014 , 8, 6863-72	16.7	39
104	Titanium dioxide nanoparticles induced intracellular calcium homeostasis modification in primary human keratinocytes. Towards an in vitro explanation of titanium dioxide nanoparticles toxicity. <i>Nanotoxicology</i> , 2011 , 5, 125-39	5.3	39
103	Single point electrodeposition of nickel for the dissymmetric decoration of carbon tubes. <i>Electrochimica Acta</i> , 2010 , 55, 8116-8120	6.7	38
102	Decamethylbimetalloenes. <i>Organometallics</i> , 1992 , 11, 1454-1456	3.8	38
101	Study of the lithium insertion/insertion mechanism in nanocrystalline [Fe ₂ O ₃] electrodes by means of electrochemical impedance spectroscopy. <i>Electrochimica Acta</i> , 2006 , 51, 6426-6434	6.7	37
100	Electronic Interplay between Two Iron Centers across Polyaromatic Ligands: Syntheses, Redox Chemistry, and Electronic Structures of the Electron-Reservoir 36- to 38-Electron Complexes [(FeCp*) ₂ (μ ₂ -eta ¹² -polyaromatic)] ^{q+} (q = 0-2) Including Mixed Valences and Biradicals. <i>Organometallics</i> , 1995 , 14, 5078-5092	3.8	37
99	Microglia used as vehicles for both inducible thymidine kinase gene therapy and MRI contrast agents for glioma therapy. <i>Cancer Gene Therapy</i> , 2007 , 14, 724-37	5.4	36
98	Water-soluble mono- and star-shaped hexanuclear functional organo-iron catalysts for nitrate and nitrite reduction in water: syntheses and electroanalytical study. <i>Inorganica Chimica Acta</i> , 2002 , 334, 225-242	2.7	33
97	Silica nanoparticles-assisted electrochemical biosensor for the rapid, sensitive and specific detection of Escherichia coli. <i>Sensors and Actuators B: Chemical</i> , 2019 , 292, 314-320	8.5	31

96	Organometallic electron reservoirs. 33. Redox systems involving stable 17-electron iron(III)-methyl complexes. <i>Organometallics</i> , 1987 , 6, 2605-2607	3.8	29
95	In situ quantification of diverse titanium dioxide nanoparticles unveils selective endoplasmic reticulum stress-dependent toxicity. <i>Nanotoxicology</i> , 2017 , 11, 134-145	5.3	28
94	Comparison of PEDOT films obtained via three different routes through spectroelectrochemistry and the differential cyclic voltabsorptometry method (DCVA). <i>Journal of Physical Chemistry B</i> , 2010 , 114, 7445-51	3.4	28
93	Hybrid Core@Soft Shell Particles as Adhesive Elementary Building Blocks for Colloidal Crystals. <i>Macromolecules</i> , 2009 , 42, 5303-5309	5.5	27
92	Hierarchically structured hybrid honeycomb films via micro to nanosized building blocks. <i>Soft Matter</i> , 2012 , 8, 8559	3.6	26
91	Gold Nanoparticle Deposition on Silica Nanohelices: A New Controllable 3D Substrate in Aqueous Suspension for Optical Sensing. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 23143-23152	3.8	26
90	In situ thermo-dependant trapping of carbon radicals: a versatile route to well-defined polymer-grafted silica nanoparticles. <i>Soft Matter</i> , 2007 , 3, 1014-1024	3.6	26
89	Single cell in situ detection and quantification of metal oxide nanoparticles using multimodal correlative microscopy. <i>Analytical Chemistry</i> , 2014 , 86, 7311-9	7.8	25
88	Salt-induced, ligand-controlled, intra- vs intermolecular electron transfer in a fulvalene-bridged organoiron diradical. <i>Journal of the American Chemical Society</i> , 1992 , 114, 8310-8311	16.4	25
87	Organometallic electron reservoirs. 34. Binuclear organometallic electron reservoirs: syntheses and electrochemistry of the fulvalene complexes $[\text{Fe}_2(\mu_2, \eta^5\text{-C}_{10}\text{H}_8)(\text{arene})_2]^{n+}$. <i>Organometallics</i> , 1989 , 8, 1841-1847	3.8	25
86	Alkali metal ion co-doped Eu^{3+} activated GdPO_4 phosphors: Structure and photoluminescence properties. <i>Journal of Alloys and Compounds</i> , 2018 , 740, 1086-1098	5.7	24
85	Probing the threshold of membrane damage and cytotoxicity effects induced by silica nanoparticles in <i>Escherichia coli</i> bacteria. <i>Advances in Colloid and Interface Science</i> , 2017 , 245, 81-91	14.3	23
84	A facile route to synthesize CdSe/ZnS thick-shell quantum dots with precisely controlled green emission properties: towards QDs based LED applications. <i>Scientific Reports</i> , 2019 , 9, 12048	4.9	23
83	Silica Nanoparticles for Bimodal MRI/Optical Imaging by Grafting Gd^{3+} and $\text{Eu}^{3+}/\text{Tb}^{3+}$ Complexes. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2828-2837	2.3	23
82	Electrochromic devices based on in situ polymerised EDOT and Prussian Blue: influence of transparent conducting oxide and electrolyte composition towards up-scaling. <i>New Journal of Chemistry</i> , 2011 , 35, 2314	3.6	23
81	In vivo MR tracking of therapeutic microglia to a human glioma model. <i>NMR in Biomedicine</i> , 2011 , 24, 1361-8	4.4	23
80	Organometallic electron reservoir sandwich iron complexes as potential agents for redox and electron transfer chain catalysis. <i>Inorganica Chimica Acta</i> , 1999 , 291, 1-19	2.7	23
79	Electron-Reservoir Complexes $[\text{Fe}(\text{Cp})(\text{arene})]$ as Selective Initiators for a Novel Electron Transfer Chain Catalyzed Reaction: General Synthesis of Fulvalene-Bridged Homo- and Heterodinuclear Zwitterions. <i>Angewandte Chemie International Edition in English</i> , 1994 , 33, 661-663		23

78	Detrimental impact of silica nanoparticles on the nanomechanical properties of Escherichia coli, studied by AFM. <i>Journal of Colloid and Interface Science</i> , 2018 , 529, 53-64	9.3	23
77	Use of the Electron-Reservoir [FeCp(arene)] Sandwiches as Efficient and Selective Electrocatalysts: Syntheses of Homo- and Heterodinuclear Zwitterionic Transition-Metal Fulvalene Complexes. <i>Organometallics</i> , 1996 , 15, 2360-2372	3.8	22
76	Chiral CdSe nanoplatelets as an ultrasensitive probe for lead ion sensing. <i>Nanoscale</i> , 2019 , 11, 9327-9334	4.7	21
75	17- and 19-Electron Complexes [FeIII(β -C5R5)(S2CNMe2)L] _n + (n = 1, 0): Electronic Structure and Substitution and Redox Chemistry. Formation of [FeIV(β -C5R5)(dtc) ₂] and Characterization of both 17e and 19e States of a Transition-Metal Complex. <i>Journal of the American Chemical Society</i> , 2007 , 129, 1432-1447	16.4	21
74	Soft matter electrolytes based on polymethylmetacrylate dispersions in lithium bis(trifluoromethanesulfonyl)imide/1-butyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide ionic liquids. <i>Electrochimica Acta</i> , 2010 , 55, 8839-8846	6.7	20
73	Synthesis and characterization of organic/inorganic poly(3,4-ethylenedioxythiophene)/MoS ₂ nanocomposite via in situ oxidative polymerization. <i>Journal of Materials Research</i> , 2006 , 21, 112-118	2.5	20
72	First delocalization of a mono-fulvalene-bridged mixed-valence diiron complex on the infrared time scale. <i>Journal of the Chemical Society Chemical Communications</i> , 1992 , 519		19
71	Controlling Disorder and Superconductivity in Titanium Oxynitride Nanoribbons with Anion Exchange. <i>ACS Nano</i> , 2015 , 9, 10133-41	16.7	18
70	Lithium solvation in a PMMA membrane plasticized by a lithium-conducting ionic liquid based on 1-butyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide. <i>Journal of Raman Spectroscopy</i> , 2008 , 39, 1189-1194	2.3	18
69	Syntheses and structures of decamethylbiferrocene mono- and di-cation triiodides. <i>Journal of Organometallic Chemistry</i> , 1993 , 451, C10-C12	2.3	18
68	Growth of monodisperse mesoscopic metal-oxide colloids under constant monomer supply. <i>Physical Review E</i> , 2005 , 72, 011404	2.4	17
67	Versatile functional poly(3-hexylthiophene) for hybrid particles synthesis by the grafting onto technique: Core@shell ZnO nanorods. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 30-38	2.5	16
66	Metal oxide modification via transition metal complexes: hybrid materials characterizations and potential applications in molecular recognition. <i>Solid State Sciences</i> , 2002 , 4, 851-858	3.4	16
65	Fulvalenyl Mono- and Diiron Complexes: Photolytic and Electron-Transfer-Induced Substitution of the Benzene Ligands by Phosphines and CO in the Diiron Fulvalenyl Dibenzenes Complexes [Fe ₂ Fv(C ₆ H ₆) ₂] _{2+/0} . Generation of the Average-Valence Species [Fe ₂ FvL ₆] ₃₊ (L = Phosphine)[]	3.8	15
64	Inorganic Nanocrystalline and Hybrid Nanocrystalline Particles (Gamma-Fe[₂ O] ₃ /PPY) and Their Contribution to Electrode Materials for Lithium Batteries. <i>Journal of the Electrochemical Society</i> , 2004 , 151, A1445	3.9	15
63	17- to 19-Electron Pentamethylcyclopentadienyl Iron Dithiocarbamate Complexes. Formation of a Cp*FeIV Complex. <i>Angewandte Chemie International Edition in English</i> , 1989 , 28, 460-461		15
62	EPR and rheological study of hybrid interfaces in gold-clay-epoxy nanocomposites. <i>Langmuir</i> , 2014 , 30, 13411-21	4	14
61	Electrochemical study of corrosion in aqueous high pressure, high temperature media and measurements of materials corrosion rates: applications to the hydrothermal treatments of organic wastes by SCWO. <i>Journal of Supercritical Fluids</i> , 2003 , 26, 169-179	4.2	14

60	Electron-transfer-catalyzed chelation of dithiocarbamate iron complexes [Fe(.eta.5-C5R5)(.eta.1SC(S)NMe2)(CO)2] (R = H, Me) induced by oxidation. <i>Organometallics</i> , 1990 , 9, 630-640	3.8	13
59	Ligand-Induced Chirality in Asymmetric CdSe/CdS Nanostructures: A Close Look at Chiral Tadpoles. <i>ACS Nano</i> , 2020 , 14, 10346-10358	16.7	13
58	In situ titanium dioxide nanoparticles quantitative microscopy in cells and in <i>C. elegans</i> using nuclear microprobe analysis. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014 , 341, 58-64	1.2	12
57	Controlled purification, solubilisation and cutting of carbon nanotubes using phosphomolybdic acid. <i>Journal of Materials Chemistry</i> , 2008 , 18, 4056		12
56	Experimental set-up for electrochemical measurements in hydrothermal sub- and supercritical oxidation: polarization curves, determination of corrosion rates and evaluation of the degradability of reactors during hydrothermal treatments of aqueous wastes. <i>Journal of Supercritical Fluids</i> , 2003 , 26, 157-167	4.2	12
55	Quantitative reconstruction of PIXE-tomography data for thin samples using GUPIX X-ray emission yields. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015 , 348, 92-99	1.2	11
54	Investigation of the Chromic Phase Transition of CuMo0.9W0.1O4 Induced by Surface Protonation. <i>Chemistry of Materials</i> , 2010 , 22, 5905-5911	9.6	11
53	Electrochemical fluorination of La(2)CuO(4): a mild "chimie douce" route to superconducting oxyfluoride materials. <i>Inorganic Chemistry</i> , 2009 , 48, 7962-9	5.1	11
52	Titanium Dissolution-Passivation in Highly Chloridic and Oxygenated Aqueous Solutions. <i>Journal of the Electrochemical Society</i> , 2004 , 151, B543	3.9	11
51	Silica Nanoparticles Assisted Electrochemical Biosensor for the Detection and Degradation of Escherichia Coli Bacteria. <i>Procedia Engineering</i> , 2016 , 168, 1048-1051		11
50	Synthesis and Characterization of Rare-Earth Orthoferrite LnFeO3 Nanoparticles for Bioimaging. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3570-3578	2.3	10
49	Glycine Nitrate Process for the Elaboration of Eu3+-Doped Gd2O3 Bimodal Nanoparticles for Biomedical Applications. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 1243-1253	2.3	10
48	Study of the MR relaxation of microglia cells labeled with Gd-DTPA-bearing nanoparticles. <i>Contrast Media and Molecular Imaging</i> , 2009 , 4, 109-17	3.2	10
47	Electronegativity and chemical hardness: two helpful concepts for understanding oxide nanochemistry. <i>Materials Letters</i> , 2001 , 51, 402-413	3.3	10
46	Organometallic electron reservoirs. Part 35. Binuclear electron reservoir complexes. Syntheses, reactivity, and electronic structure of the 35-, 36-, and 37-electron fulvalene complexes [Fe2(.mu.2,.eta.10-C10H8)(.eta.5-C5H5)(.eta.6-C6R6)]n+ (n = 0, 1, 2; R = H, Me). <i>Organometallics</i> , 1989 , 8, 1848-1851	3.8	10
45	Hydrothermal Transformation of Titanate Scrolled Nanosheets to Anatase over a Wide pH Range and Contribution of Triethanolamine and Oleic Acid to Control the Morphology. <i>Inorganic Chemistry</i> , 2019 , 58, 2588-2598	5.1	9
44	Thermochromic phase transition on CuMo0.9W0.1O4@SiO2 core-shell particles. <i>Inorganic Chemistry</i> , 2009 , 48, 2136-9	5.1	9
43	Synthesis and characterization of new organometallic complexes bonded stationary phases for high-performance liquid chromatography. <i>Chromatographia</i> , 2000 , 52, 51-57	2.1	9

42	(Dithiocarbamato)iron(II) complexes: photochemical chelation and ligand exchange, comparison with electron-transfer processes, and x-ray crystal structures of Fe(η^5 -C ₅ Me ₅)(η^1 -SC(S)NMe ₂)(CO) ₂ and Fe(η^5 -C ₅ Me ₅)(η^2 -S ₂ CNMe ₂)(PPh ₃). <i>Organometallics</i> , 1990 , 9, 640-645	3.8	9
41	Gd- and Eu-Loaded Iron Oxide@Silica Core-Shell Nanocomposites as Trimodal Contrast Agents for Magnetic Resonance Imaging and Optical Imaging. <i>Inorganic Chemistry</i> , 2019 , 58, 16618-16628	5.1	9
40	Hybrid PEDOT/Metal Nanoparticles [New Substitutes for PEDOT:PSS in Electrochromic Layers] Towards Improved Performance. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 5360-5370	2.3	8
39	Plasmon-induced hot electron transfer in AgNW@TiO ₂ @AuNPs nanostructures. <i>Scientific Reports</i> , 2018 , 8, 14136	4.9	8
38	Ultrafast Dynamics of Photoexcited Hot Carrier Generation and Injection in [email[protected]]@GNS Nanostructures. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 14857-14864	3.8	6
37	Development of a model for the anodic behavior of T60 titanium in chlorinated and oxygenated aqueous media. Application to the specific conditions of hydrothermal oxidation (1 MPa). <i>Electrochimica Acta</i> , 2003 , 48, 1685-1695	6.7	6
36	Experimental study, via current/potential curves, of the anodic behavior of Alloy C-276 and T60 titanium in chlorinated and oxygenated aqueous media under sub- to supercritical conditions. <i>Journal of Supercritical Fluids</i> , 2003 , 25, 269-278	4.2	6
35	Electrochemical intercalation of oxygen into La ₂ CuO ₄ using anhydrous organic electrolytic media. <i>Journal of Materials Chemistry</i> , 2000 , 10, 829-831		6
34	Enhancing optofluidic actuation of micro-objects by tagging with plasmonic nanoparticles. <i>Optics Express</i> , 2014 , 22, 10139-50	3.3	5
33	Universal behavior of photochemical deposition in liquid solutions driven by a one-photon transition. <i>Physical Review E</i> , 2007 , 75, 061602	2.4	5
32	Causal Inference Machine Learning Leads Original Experimental Discovery in CdSe/CdS Core/Shell Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 7232-7238	6.4	5
31	Determination of the elastic properties of SiO ₂ nanotubes templated from organic amphiphilic self-assemblies through inorganic transcription. <i>Applied Physics Letters</i> , 2013 , 102, 151904	3.4	4
30	Electrochemistry of Inorganic Nanocrystalline Electrode Materials for Lithium Batteries. <i>Active and Passive Electronic Components</i> , 2003 , 26, 23-29	0.3	4
29	Electrochemical oxidation of La ₂ CuO ₄ in organic media: influence of the electrolyte composition. <i>Journal of Materials Chemistry</i> , 2002 , 12, 2961-2964		4
28	An implementation of the NiftyRec medical imaging library for PIXE-tomography reconstruction. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2017 , 404, 131-139	1.2	3
27	Microwave-Assisted and Metal-Induced Crystallization: A Rapid and Low Temperature Combination. <i>Inorganic Chemistry</i> , 2020 , 59, 6232-6241	5.1	3
26	Influence of the substrate/photo-active solution interaction in patterning and adhesion of photo-deposited films. <i>Applied Surface Science</i> , 2005 , 248, 479-483	6.7	3
25	Chemistry of (Pentabenzylcyclopentadienyl)iron Compounds Including 17-Electron Dithiocarbamate Complexes. <i>Organometallics</i> , 1996 , 15, 5598-5604	3.8	3

24	Low band-gap polymer brushes: Influence of the end-group on the morphology of core-shell nanoparticles. <i>Reactive and Functional Polymers</i> , 2020 , 155, 104700	4.6	3
23	Optically Active CdSe/CdS Nanoplatelets Exhibiting Both Circular Dichroism and Circularly Polarized Luminescence. <i>Advanced Optical Materials</i> , 2021 , 9, 2101142	8.1	3
22	Hole Scavenging and Electron-Hole Pair Photoproduction Rate: Two Mandatory Key Factors to Control Single-Tip Au-CdSe/CdS Nanoheterodimers. <i>ACS Nano</i> , 2021 , 15, 15328-15341	16.7	3
21	Metal-to-Ligand Charge Transfer Chirality Sensing of d-Glucose Assisted with GOX-Based Enzymatic Reaction. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000138	6.8	2
20	Template-Directed Synthesis of Titania Nanocages with Four Tetrahedrally Arranged Open Windows. <i>Chemistry - A European Journal</i> , 2018 , 24, 6917-6921	4.8	2
19	A Geant4 simulation for three-dimensional proton imaging of microscopic samples. <i>Physica Medica</i> , 2019 , 65, 172-180	2.7	2
18	Dissymmetrization of micro-particle surface by laser-induced photochemical deposition. <i>Applied Surface Science</i> , 2005 , 248, 470-474	6.7	2
17	Electrochemical and chemical generation of a mixed-valent organorhenium oxide and its subsequent aggregation. <i>Journal of Organometallic Chemistry</i> , 1993 , 450, 165-170	2.3	2
16	Design of Metal@Titanium Oxide Nano-heterodimers by Laser-Driven Photodeposition: Growth Mechanism and Modeling. <i>ACS Nano</i> , 2021 , 15, 2947-2961	16.7	2
15	Multimodal correlative microscopy for in situ detection and quantification of chemical elements in biological specimens. Applications to nanotoxicology. <i>Journal of Chemical Biology</i> , 2015 , 8, 159-167		1
14	Patterning and Substrate Adhesion Efficiencies of Solid Films Photodeposited from the Liquid Phase. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 19782-19791	3.8	1
13	Evidence of the Intercalative Redox Polymerization of Ehylenedioxythiophene intoV2O5; Achievement of Highly Conducting Poly(3,4-Ethylenedioxythiophene)/V2O5Nanohybrids. <i>Active and Passive Electronic Components</i> , 2004 , 27, 229-236	0.3	1
12	Room-Temperature Electrochemical Intercalation of Oxygen or Fluorine into La[sub 2]CuO[sub 4] Using Organic Electrolytic Media: Mechanistic Approach. <i>Journal of the Electrochemical Society</i> , 2004 , 151, J69	3.9	1
11	The Magic Salt Effects of Sodium Hexafluorophosphate. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1994 , 87, 11-22	1	1
10	Main Challenges about Surface Biofunctionalization for the In Vivo Targeting of Magnetic Nanoparticles 2018 , 77-96		1
9	Revisiting of the physico-chemical properties of polyelectrolyte multilayers for a fine tuning of the immobilization of bacteria or nanoparticles. <i>Thin Solid Films</i> , 2020 , 713, 138345	2.2	1
8	A Geant4 simulation of X-ray emission for three-dimensional proton imaging of microscopic samples.. <i>Physica Medica</i> , 2022 , 94, 85-93	2.7	0
7	Structural and mechanical characterization of hybrid metallic-inorganic nanosprings. <i>Materials Research Express</i> , 2017 , 4, 105023	1.7	

- 6 Silica-Based Organic-Inorganic Hybrid Nanomaterials for Optical Bioimaging **2017**, 729-765
- 5 Hybrid Conjugated Polymer-Inorganic Objects: Elaboration of Novel Organic Electronic Materials **2017**, 241-299
- 4 The Use of EPR Spectroscopy for the Study of Hybrid Materials and Interphases **2017**, 879-924
- 3 Synthesis and Characterisation of Iron Oxide Ferrite Nanoparticles and Ferrite-Based Aqueous Fluids **2012**, 47-72
- 2 Anodic Behavior Modeling of the C-276 Alloy in Chlorinated Media Simulating the Hydrothermal Conditions of Organic Waste Treatment. *Journal of the Electrochemical Society*, **2005**, 152, B495 3.9
- 1 P-93: Compact Stable Quantum Dots via Amide-Mediated Synthesis of PMO-Based Multifunctional Ligand. *Digest of Technical Papers SID International Symposium*, **2020**, 51, 1719-1722 0.5