

Ilaria Fratoddi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

132 papers	3,267 citations	35 h-index	50 g-index
139 ext. papers	3,678 ext. citations	4.3 avg, IF	5.26 L-index

#	Paper	IF	Citations
132	Superior transport behavior of gold nanoparticles/P3HT blends by tuning optical and structural properties. <i>Synthetic Metals</i> , 2022 , 283, 116973	3.6	1
131	Silver Nanoparticles Functionalized by Fluorescein Isothiocyanate or Rhodamine B Isothiocyanate: Fluorescent and Plasmonic Materials. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2472	2.6	6
130	Study of the interaction mechanism between hydrophilic thiol capped gold nanoparticles and melamine in aqueous medium. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 203, 111727	6	3
129	Binuclear organometallic Pt(II) complexes as stabilizing ligands for gold and silver metal nanoparticles. <i>Inorganica Chimica Acta</i> , 2021 , 516, 120170	2.7	2
128	Functionalized Gold Nanoparticles as an Active Layer for Mercury Vapor Detection at Room Temperature. <i>ACS Applied Nano Materials</i> , 2021 , 4, 2930-2940	5.6	5
127	Photoacoustics for listening to metal nanoparticle super-aggregates. <i>Nanoscale Advances</i> , 2021 , 3, 4692-4701	3.1	5
126	Gold nanoparticles functionalized with 4,4'-dithiobiphenyl blended with CuS in PMMA for switching memory devices. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 12083-12088	2.1	2
125	Radioguided surgery with γ radiation in pancreatic Neuroendocrine Tumors: a feasibility study. <i>Scientific Reports</i> , 2020 , 10, 4015	4.9	4
124	Noble metal nanoparticle-based networks as a new platform for lipase immobilization. <i>International Journal of Biological Macromolecules</i> , 2020 , 146, 790-797	7.9	5
123	Direct Conjugation of Resveratrol on Hydrophilic Gold Nanoparticles: Structural and Cytotoxic Studies for Biomedical Applications. <i>Nanomaterials</i> , 2020 , 10,	5.4	12
122	Development of new and efficient copper(II) complexes of hexyl bis(pyrazolyl)acetate ligands as catalysts for allylic oxidation. <i>Dalton Transactions</i> , 2020 , 49, 15622-15632	4.3	2
121	Hydrophilic Silver Nanoparticles for Hg(II) Detection in Water: Direct Evidence for Mercury-Silver Interaction. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 25975-25983	3.8	12
120	Insights about the interaction of methotrexate loaded hydrophilic gold nanoparticles: Spectroscopic, morphological and structural characterizations. <i>Materials Science and Engineering C</i> , 2020 , 117, 111337	8.3	4
119	Gold nanoparticles-based extraction of phenolic compounds from olive mill wastewater: A rapid and sustainable method 2020 ,		2
118	Synthesis and characterization of stereoregular π -conjugated polyarylenynes, $(-Ar-(E)-CH=CH-C\equiv C)_n$, decorated with branched bis-alkoxy side chains. <i>Synthetic Metals</i> , 2020 , 269, 116538	3.6	1
117	Gold Nanoparticles and Nanorods in Nuclear Medicine: A Mini Review. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3232	2.6	25
116	Effects of topical methotrexate loaded gold nanoparticle in cutaneous inflammatory mouse model. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 17, 276-286	6	27

115	Highly Hydrophilic Gold Nanoparticles as Carrier for Anticancer Copper(II) Complexes: Loading and Release Studies for Biomedical Applications. <i>Nanomaterials</i> , 2019 , 9,	5.4	25
114	Gallium- and Iron-Pyoverdine Coordination Compounds Investigated by X-ray Photoelectron Spectroscopy and X-ray Absorption Spectroscopy. <i>Inorganic Chemistry</i> , 2019 , 58, 4935-4944	5.1	4
113	Hydrophilic Silver Nanoparticles Loaded into Niosomes: Physical-Chemical Characterization in View of Biological Applications. <i>Nanomaterials</i> , 2019 , 9,	5.4	15
112	Response surface methodology for the optimization of phenolic compounds extraction from extra virgin olive oil with functionalized gold nanoparticles. <i>Microchemical Journal</i> , 2018 , 138, 430-437	4.8	19
111	Nucleobases functionalized quantum dots and gold nanoparticles bioconjugates as a fluorescence resonance energy transfer (FRET) system - Synthesis, characterization and potential applications. <i>Journal of Colloid and Interface Science</i> , 2018 , 514, 479-490	9.3	23
110	Mass spectrometry characterization of DOTA-Nimotuzumab conjugate as precursor of an innovative tracer suitable in radio-guided surgery. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 156, 8-15	3.5	3
109	Environmental Hg vapours adsorption and detection by using functionalized gold nanoparticles network. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 4706-4713	6.8	14
108	Plasmon Controlled Shaping of Metal Nanoparticle Aggregates by Femtosecond Laser-Induced Melting. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 5002-5008	6.4	19
107	Gold nanoparticles functionalized by rhodamine B isothiocyanate: A new tool to control plasmonic effects. <i>Journal of Colloid and Interface Science</i> , 2018 , 513, 10-19	9.3	33
106	Use of Gold Nanoparticles as Substrate for Diffusive Monitoring of Gaseous Mercury. <i>Materials</i> , 2018 , 11,	3.5	4
105	Plasmonic Sensor Based on Interaction between Silver Nanoparticles and Ni or Co in Water. <i>Nanomaterials</i> , 2018 , 8,	5.4	37
104	The Effect of Postmastectomy Radiation Therapy on Breast Implants: Material Analysis on Silicone and Polyurethane Prosthesis. <i>Annals of Plastic Surgery</i> , 2018 , 81, 228-234	1.7	16
103	Synthesis of gold and silver nanoparticles functionalized with organic dithiols. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 532, 282-289	5.1	15
102	Comparison between silver and gold nanoparticles stabilized with negatively charged hydrophilic thiols: SR-XPS and SERS as probes for structural differences and similarities. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 532, 183-188	5.1	54
101	Y3+ embedded in polymeric nanoparticles: Morphology, dimension and stability of composite colloidal system. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 532, 125-131	5.1	13
100	Hydrophilic Metal Nanoparticles Functionalized by 2-Diethylaminoethanethiol: A Close Look at the Metal-Ligand Interaction and Interface Chemical Structure. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 8002-8013	3.8	35
99	Interaction of Colloidal Silver Nanoparticles with Ni2+: Sensing Application. <i>Proceedings (mdpi)</i> , 2017 , 1, 427	0.3	4
98	Hydrophobic and Hydrophilic Au and Ag Nanoparticles. Breakthroughs and Perspectives. <i>Nanomaterials</i> , 2017 , 8,	5.4	43

97	Electronic Properties of a Functionalized Noble Metal Nanoparticles Covalent Network. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 18110-18119	3.8	38
96	Feasibility of beta-particle radioguided surgery for a variety of "nuclear medicine" radionuclides. <i>Physica Medica</i> , 2017 , 43, 127-133	2.7	18
95	Nanocomposite Based on Functionalized Gold Nanoparticles and Sulfonated Poly(ether ether ketone) Membranes: Synthesis and Characterization. <i>Materials</i> , 2017 , 10,	3.5	6
94	Sensitivity to Heavy-Metal Ions of Cage-Opening Fullerene Quantum Dots. <i>Proceedings (mdpi)</i> , 2017 , 1, 475	0.3	2
93	Sensitivity to Heavy-Metal Ions of Unfolded Fullerene Quantum Dots. <i>Sensors</i> , 2017 , 17,	3.8	37
92	Electron microscopy reveals a soluble hybrid network of individual nanocrystals self-anchored by bifunctional thiol fluorescent bridges. <i>Nanoscale</i> , 2016 , 8, 18161-18169	7.7	22
91	Negatively charged gold nanoparticles as a dexamethasone carrier: stability in biological media and bioactivity assessment in vitro. <i>RSC Advances</i> , 2016 , 6, 99016-99022	3.7	32
90	Functionalized gold nanoparticles for topical delivery of methotrexate for the possible treatment of psoriasis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 141, 141-147	6	80
89	Role of nanostructured polymers on the improvement of electrical response-based relative humidity sensors. <i>Sensors and Actuators B: Chemical</i> , 2016 , 225, 96-108	8.5	63
88	Structural studies on drop-cast film based on functionalized gold nanoparticles network: The effect of thermal treatment. <i>Applied Surface Science</i> , 2016 , 369, 115-119	6.7	16
87	Synthesis of functionalized gold nanoparticles capped with 3-mercaptopropylsulfonate and 1-thioglucose mixed thiols and "in vitro" bioresponse. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 142, 408-416	6	26
86	Hydrophilic silver nanoparticles with tunable optical properties: application for the detection of heavy metals in water. <i>Beilstein Journal of Nanotechnology</i> , 2016 , 7, 1654-1661	3	44
85	Synthesis and Structural Characterization of Silver Nanoparticles Stabilized with 3-Mercaptopropylsulfonate and 1-Thioglucose Mixed Thiols for Antibacterial Applications. <i>Materials</i> , 2016 , 9,	3.5	47
84	Functionalized platinum nanoparticles with surface charge triggered by pH: synthesis, characterization and stability studies. <i>Beilstein Journal of Nanotechnology</i> , 2016 , 7, 1822-1828	3	7
83	Local structure of semicrystalline P3HT films probed by nanofocused coherent X-rays. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 7404-10	3.6	21
82	Bioconjugation of gold-polymer core-shell nanoparticles with bovine serum amine oxidase for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 134, 314-21	6	40
81	Chemiresistive polyaniline-based gas sensors: A mini review. <i>Sensors and Actuators B: Chemical</i> , 2015 , 220, 534-548	8.5	257
80	Candida rugosa lipase immobilization on hydrophilic charged gold nanoparticles as promising biocatalysts: Activity and stability investigations. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 131, 93-101 ⁶		47

79	How toxic are gold nanoparticles? The state-of-the-art. <i>Nano Research</i> , 2015 , 8, 1771-1799	10	202
78	Photoelectrochemical characterization of squaraine-sensitized nickel oxide cathodes deposited via screen-printing for p -type dye-sensitized solar cells. <i>Applied Surface Science</i> , 2015 , 356, 911-920	6.7	36
77	Hydrophobic Noble Metal Nanoparticles: Synthesis, Characterization and Perspectives as Gas Sensing Materials. <i>Procedia Engineering</i> , 2015 , 120, 781-786		3
76	The puzzle of toxicity of gold nanoparticles. The case-study of HeLa cells. <i>Toxicology Research</i> , 2015 , 4, 796-800	2.6	45
75	Platinum nanoparticles on electrospun titania nanofibers as hydrogen sensing materials working at room temperature. <i>Nanoscale</i> , 2014 , 6, 9177-84	7.7	41
74	Silver nanoparticles linked by a Pt-containing organometallic dithiol bridge: study of local structure and interface by XAFS and SR-XPS. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 11719-28	3.6	25
73	Network assembly of gold nanoparticles linked through fluorenyl dithiol bridges. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 2517-2527	7.1	36
72	Gold nanoparticles and gold nanoparticle-conjugates for delivery of therapeutic molecules. Progress and challenges. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 4204-4220	7.3	79
71	Direct interaction of hydrophilic gold nanoparticles with dexamethasone drug: loading and release study. <i>Journal of Colloid and Interface Science</i> , 2014 , 418, 52-60	9.3	50
70	From nanospheres to microribbons: Self-assembled Eosin Y doped PMMA nanoparticles as photonic crystals. <i>Journal of Colloid and Interface Science</i> , 2014 , 414, 24-32	9.3	35
69	Gold Nanoparticles Stabilized with Aromatic Thiols: Interaction at the Molecule-Metal Interface and Ligand Arrangement in the Molecular Shell Investigated by SR-XPS and NEXAFS. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 8159-8168	3.8	46
68	Electrodeposited ZnO with squaraine sensitisers as photoactive anode of DSCs. <i>Materials Research Express</i> , 2014 , 1, 015040	1.7	36
67	Structural properties of H ₂ conjugated network in polymer thin films studied by x-ray cross-correlation analysis. <i>Journal of Physics: Conference Series</i> , 2014 , 499, 012021	0.3	4
66	Semiconductor-metal phase transition of vanadium dioxide nanostructures on silicon substrate: Applications for thermal control of spacecraft 2014 ,		4
65	Organometallic Pt(II) containing polymer as silver protection against sulfide tarnishing. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 304-309	2.9	4
64	A nanostructured composite based on polyaniline and gold nanoparticles: synthesis and gas sensing properties. <i>Nanotechnology</i> , 2013 , 24, 155503	3.4	45
63	Poly [1,1'-bis(ethynyl)-4,4'-biphenyl(bis-tributylphosphine)Pt(II)] solutions used as low dose ionizing radiation dosimeter. <i>Applied Physics Letters</i> , 2013 , 102, 241917	3.4	4
62	Self assembling monolayers of dialkynyl bridged Pd(II) thiols obtained by thermally induced multilayer desorption: Thermal and chemical stability investigated by SR-XPS. <i>Chemical Physics Letters</i> , 2012 , 527, 57-62	2.5	3

61	Structural changes of conjugated Pt-containing polymetallaynes exposed to gamma ray radiation doses. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 8768-74	2.8	18
60	Two-Dimensional Networks of Ag Nanoparticles Bridged by Organometallic Ligand. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 15795-15800	3.8	28
59	Silver Nanoparticles Stabilized with Thiols: A Close Look at the Local Chemistry and Chemical Structure. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 19571-19578	3.8	114
58	Synthesis of polyarylacetylenes by Eyring-induced polymerization of terminal alkynes. Nanostructures of ortho-substituted derivatives. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 5097-5106	2.5	11
57	Functional polymeric nanoparticles for dexamethasone loading and release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 93, 59-66	6	36
56	Optical behavior of conjugated Pt-containing polymetallaynes exposed to gamma-ray radiation doses. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 8047-53	3.4	14
55	Dielectric relaxations of ionic thiol-coated noble metal nanoparticles in aqueous solutions: electrical characterization of the interface. <i>Langmuir</i> , 2011 , 27, 7084-90	4	38
54	Mono- and bi-functional arenethiols as surfactants for gold nanoparticles: synthesis and characterization. <i>Nanoscale Research Letters</i> , 2011 , 6, 103	5	39
53	Core shell hybrids based on noble metal nanoparticles and conjugated polymers: synthesis and characterization. <i>Nanoscale Research Letters</i> , 2011 , 6, 98	5	47
52	Soluble polymers of monosubstituted acetylenes with quaternary ammonium pendant groups: structure and morphology. <i>Polymer International</i> , 2011 , 60, 1222-1229	3.3	14
51	A Porphyrin-Bridged Pd Dimer Complex Stabilizes Gold Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 4906-4913	2.3	9
50	EXAFS in total reflection (refLEXAFS) for the study of organometallic Pd(II) thiol complexes based self-assembled monolayers on gold. <i>Chemical Physics</i> , 2011 , 379, 92-98	2.3	15
49	Gold Nanoparticle Dyads Stabilized with Binuclear Pt(II) Dithiol Bridges. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 15198-15204	3.8	35
48	Nanostructured functional co-polymers bioconjugate integrin inhibitors. <i>Journal of Colloid and Interface Science</i> , 2011 , 361, 465-71	9.3	16
47	Quantum-chemical modeling of interaction between gold nanoclusters and thiols. <i>Inorganic Materials</i> , 2010 , 46, 924-930	0.9	10
46	Organometallic oligomer resolved by radial distribution function of X-ray diffraction analysis. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 2359-64	3.4	4
45	Nanostructured Macromolecules 2010 , 1-78		2
44	Self-assembled copolymeric nanoparticles as chemically interactive materials for humidity sensors. <i>Nanotechnology</i> , 2010 , 21, 355502	3.4	21

43	Binuclear Pd(II) complexes with alkynyl ligands and functionalised tail-groups: Molecular and electronic structure studied by XPS and EXAFS. <i>Solid State Sciences</i> , 2010 , 12, 1881-1885	3.4	8
42	Self-assembled nanoparticles of functional copolymers for photonic applications. <i>Journal of Colloid and Interface Science</i> , 2010 , 348, 424-30	9.3	39
41	Homo- and Copolymerization of Aromatic Diynes by Ruthenium/Acid-Promoted (RAP) Catalysis. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 5224-5231	3.2	11
40	Osmosis based method drives the self-assembly of polymeric chains into micro- and nanostructures. <i>Langmuir</i> , 2009 , 25, 11940-6	4	59
39	Self-assembled monolayers based on Pd-containing organometallic thiols: preparation and structural characterization. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 14730-40	2.8	32
38	One-step synthesis of low molecular weight poly(p-phenyleneethynylene)s via polyaddition of aromatic diynes by catalysis of the [Ru(p-cymene)Cl ₂] ₂ /AcOH system. <i>Journal of Organic Chemistry</i> , 2008 , 73, 3892-9	4.2	12
37	H ₂ S gas interaction with Pt(II)-containing polymetallaynes of selected chain length: an XPS and EXAFS study. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 7365-73	2.8	11
36	Alcohol vapor sensory properties of nanostructured conjugated polymers. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 474207	1.8	22
35	Nanobeads-based assays. The case of gluten detection. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 474202	1.8	5
34	Synthesis and Microstructural Investigations of Organometallic Pd(II) Thiol-Gold Nanoparticles Hybrids. <i>Nanoscale Research Letters</i> , 2008 , 3, 461-467	5	27
33	Self-assembly of nanostructured polymetallaynes. <i>Polymer</i> , 2008 , 49, 3211-3216	3.9	11
32	Synthesis and characterization of gold nanoparticles stabilized by palladium(II) phosphine thiol. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 1043-1048	2.3	31
31	Nanostructured organometallic polymer and palladium/polymer hybrid: surface investigation and sensitivity to relative humidity and hydrogen in surface acoustic wave sensors. <i>Nanotechnology</i> , 2007 , 18, 125504	3.4	23
30	Lipolytic enzymes with improved activity and selectivity upon adsorption on polymeric nanoparticles. <i>Biomacromolecules</i> , 2007 , 8, 3047-53	6.9	49
29	Binuclear transition metal complexes on gold: Molecular orientation by angular dependent NEXAFS spectroscopy. <i>Surface Science</i> , 2007 , 601, 3943-3947	1.8	9
28	Dinuclear Pt and Pd complexes with metalloporphyrin bridges: A NEXAFS study of the electronic structure and self-assembling properties. <i>Materials Science and Engineering C</i> , 2007 , 27, 1338-1342	8.3	6
27	Gold nanoclusters-organometallic polymer nanocomposites: Synthesis and characterization. <i>Materials Science and Engineering C</i> , 2007 , 27, 1300-1304	8.3	30
26	Nanostructured gold/conjugated polymer hybrids: Preparation, chemical structure and morphology. <i>Materials Science and Engineering C</i> , 2007 , 27, 1305-1308	8.3	5

25	Nanostructured polymetallaynes of controlled length: Synthesis and characterization of oligomers and polymers from 1,1'-bis-(ethynyl)4,4'-biphenyl bridging Pt(II) or Pd(II) centers. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 3311-3329	2.5	29
24	Synthesis and characterization of new difunctional alkynylated (β -arene)(β -cycloocta-1,5-diene)ruthenium(0) complexes as molecular models for organometallic polymers. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 2648-2656	2.3	2
23	Synthesis and Microstructural Analysis of Benzylthiol-functionalized Au Nanocrystals. <i>Materials Research Society Symposia Proceedings</i> , 2006 , 959, 1		
22	Local structure parameters through the fitting of XANES spectra using a multidimensional interpolation: application to the Pd K-edge of Pd-diethynylbiphenyl polymer. <i>Journal of Physics Condensed Matter</i> , 2006 , 18, 759-766	1.8	6
21	XAS study of a Pt-containing rod-like organometallic polymer. <i>Chemical Physics</i> , 2006 , 325, 422-428	2.3	10
20	Platinum (II) dialkynyl bridged binuclear complex and related multinuclear oligomer: Comparison of EXAFS and X-ray crystal structure studies. <i>Chemical Physics</i> , 2006 , 328, 269-274	2.3	18
19	Intermolecular stacking of a tetranuclear cyclic Pt(II) complex: NMR characterization and X-ray crystal structure of cis-trans-cis-trans tetra[β ,6-diethynyl-4-nitroaniline-bis(tri(p-tolyl)phosphine)platinum(II)]. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 5920-5926	2.3	6
18	Preparation of nanostructured organometallic polymer/palladium hybrids by metal vapour synthesis: structure and morphology. <i>Nanotechnology</i> , 2005 , 16, 2575-2581	3.4	6
17	Electrical and morphological characterization of poly(monosubstituted)acetylene based membranes: application as humidity and organic vapors sensors. <i>Thin Solid Films</i> , 2004 , 458, 292-298	2.2	26
16	Structure of a monolayer of Pd-diethynylbiphenyl deposited on chromium studied by total reflection EXAFS. <i>Sensors and Actuators B: Chemical</i> , 2004 , 100, 131-134	8.5	8
15	NEXAFS study of a Pt-containing rod-like organometallic polymer (Pt-DEBP): molecular orientation onto HOPG, Au/Si(1 1 1), Cr/Si(1 1 1) and Si(1 1 1) surfaces. <i>Chemical Physics Letters</i> , 2004 , 400, 290-295	2.5	21
14	Organometallic Platinum(II) and Palladium(II) Polymers Containing 2,6-Diethynyl-4-nitroaniline Bridging Spacer and Related Dinuclear Model Complexes. <i>Organometallics</i> , 2004 , 23, 2860-2869	3.8	24
13	Resistive Type Sensor for Humidity and Short Alcohols Detection. <i>Sensor Letters</i> , 2004 , 2, 205-210	0.9	4
12	Diethynyl-Zn-porphyrin-based assemblies: optical and morphological studies of nanostructured thin films. <i>Materials Science and Engineering C</i> , 2003 , 23, 867-871	8.3	10
11	Study of chemical structure and conjugation length in organometallic Pt(II) oligomers and polymers containing 1,4-diethynylbenzene derivatives as bridging units. <i>Journal of Organometallic Chemistry</i> , 2003 , 674, 10-23	2.3	41
10	Response of a Pt-polyynes membrane in surface acoustic wave sensors: Experimental and theoretical approach. <i>Journal of Applied Physics</i> , 2003 , 93, 10071-10077	2.5	28
9	Organometallic polymers: synthesis and electro-optical properties. <i>Polymers for Advanced Technologies</i> , 2002 , 13, 269-274	3.2	11
8	Sensitivity of a platinum-polyynes-based sensor to low relative humidity and chemical vapors. <i>Applied Physics Letters</i> , 2002 , 80, 4849-4851	3.4	48

7	Highly ethynylated polymers: synthesis and applications for humidity sensors. <i>Sensors and Actuators B: Chemical</i> , 2001 , 76, 316-321	8.5	25
6	Investigations by impedance spectroscopy on the behaviour of poly(N,N-dimethylpropargylamine) as humidity sensor. <i>Solid State Ionics</i> , 2000 , 136-137, 667-670	3.3	40
5	Second-harmonic generation in PMMA films doped with organometallic complexes. <i>Radiation Effects and Defects in Solids</i> , 1999 , 150, 237-242	0.9	
4	Electrical and morphological characterisation of new E-conjugated polymer films as gas sensors. <i>Materials Science and Engineering C</i> , 1998 , 5, 217-221	8.3	12
3	X-ray photoelectron spectroscopy and scanning electron microscopy characterization of novel poly(monosubstituted) acetylenes containing doping species. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1998 , 16, 35-44	2.9	8
2	Synthesis and X.p.s. characterization of organometallic Pd containing polymers from monosubstituted acetylenes. <i>Polymer</i> , 1997 , 38, 3677-3690	3.9	25
1	Hydrophilic Gold Nanoparticles as Anti-PD-L1 Antibody Carriers: Synthesis and Interface Properties. <i>Particle and Particle Systems Characterization</i> , 2100282	3.1	2