Lada Domratcheva-Lvova

List of Publications by Year in descending order

47 papers	320 citations	840119 11 h-index	996533 15 g-index
48 all docs	48 docs citations	48 times ranked	176 citing authors

#	Article	IF	Citations
1	Composites from water hyacinth (Eichhornea crassipe) and polyester resin. Fibers and Polymers, 2015, 16, 196-200.	1.1	40
2	Synthesis of carbon spheres by atmospheric pressure chemical vapor deposition from a serial of aromatic hydrocarbon precursors. Physica E: Low-Dimensional Systems and Nanostructures, 2019, 112, 78-85.	1.3	26
3	Transition metal NMR chemical shifts and polarizability effect in organometallic complexes. Magnetic Resonance in Chemistry, 2009, 47, 782-790.	1.1	18
4	Composite Films from Polystyrene with Hydroxyl end Groups and Carbon Nanotubes. Materials Research, 2016, 19, 133-138.	0.6	17
5	X-ray photoelectron spectra of organoelement compounds and polarizability effect. Journal of Electron Spectroscopy and Related Phenomena, 2009, 171, 47-52.	0.8	14
6	Polarity of organometallic systems: Correlation analysis via substituent constants. Inorganica Chimica Acta, 2018, 471, 148-158.	1.2	14
7	Polarizability effect in transition metal carbonyl complexes. Journal of Organometallic Chemistry, 2009, 694, 1447-1452.	0.8	13
8	MÃ¶ssbauer parameters of organometallic compounds and polarizability effect. Journal of Organometallic Chemistry, 2012, 710, 12-19.	0.8	12
9	Using photoelectron spectroscopy for the investigation of substituent effects in Nâ€•and Pâ€•centered radical cations. Journal of Physical Organic Chemistry, 2011, 24, 6-13.	0.9	11
10	Infrared spectroscopic studies of transition metal complexes and polarizability effect. Journal of Organometallic Chemistry, 2011, 696, 2199-2205.	0.8	11
11	NQR parameters of complexes and polarizability effect. Magnetic Resonance in Chemistry, 2012, 50, 40-51.	1.1	11
12	Thermodynamics and molecular dynamics of some ferrocene derivatives. Russian Chemical Bulletin, 1999, 48, 1647-1655.	0.4	10
13	EPR parameters of radical ions and polarizability effect. Magnetic Resonance in Chemistry, 2011, 49, 175-183.	1.1	9
14	Ligandâ€site exchange in intramolecular complexes of silicon: substituent effects. Journal of Physical Organic Chemistry, 2012, 25, 658-666.	0.9	9
15	The role of carbon and metal in self-assembly of the iron-carbon system at various component ratios. Physics of the Solid State, 2004, 46, 1969-1983.	0.2	8
16	Bond lengths in organometallic and coordination complexes: Substituent effects. Journal of Organometallic Chemistry, 2013, 745-746, 34-41.	0.8	8
17	Reactivity of organometallic compounds and polarizability effect. Journal of Organometallic Chemistry, 2015, 779, 73-80.	0.8	7
18	Carbon nanotubes and carbon nanobeads synthesis by one-pot chemical vapor deposition method: morphology and crystallinity. Materials Research Express, 2018, 5, 085008.	0.8	7

#	Article	IF	Citations
19	Bond dissociation energies in organometallic systems: substituent effects. Journal of Physical Organic Chemistry, 2014, 27, 850-859.	0.9	6
20	MWCNTs-polymer composites characterization through spectroscopies: FTIR and Raman. MRS Advances, 2018, 3, 3757-3762.	0.5	6
21	Synthesis and characterization of TiO2 nanotubes doped with Fe via in situ Anodization. Journal of Materials Science: Materials in Electronics, 2018, 29, 15814-15820.	1.1	5
22	â€œSynthesis of carbon nanomaterials by chemical vapor deposition method using green chemistry principlesâ€• , 2021, , 273-314.		5
23	Toxicity of organometallic compounds: Correlation analysis via substituent constants. Journal of Organometallic Chemistry, 2013, 735, 88-92.	0.8	4
24	Photophysical properties of organometallic complexes: Substituent effects. Polyhedron, 2014, 68, 222-233.	1.0	4
25	Carbon nanotubes obtained along variations in chemical vapor deposition process for improvement in mechanical properties of an epoxy composite. Journal of Analytical and Applied Pyrolysis, 2015, 113, 483-490.	2.6	4
26	Noncovalent interactions involving aromatic rings: correlation analysis via substituent constants. Journal of Physical Organic Chemistry, 2017, 30, e3662.	0.9	4
27	Electrical conductivity and Vickers hardness enhancement by pristine and functionalized MWCNTs incorporation in polycaprolactam matrix. Journal of Materials Science: Materials in Electronics, 2018, 29, 15776-15783.	1.1	4
28	Synthesis and Characterization of Carbon Spheres/Poly(Methyl Methacrylate) Composites with Enhanced Electrical Conductivity and Vickers Microhardness. Journal of Electronic Materials, 2019, 48, 5161-5168.	1.0	4
29	Electrical conductivity and Vickers microhardness of composites synthesized from multiwalled carbon nanotubes and carbon spheres with poly(methyl methacrylate): a comparative study. Journal of Materials Science: Materials in Electronics, 2020, 31, 7411-7422.	1.1	4
30	Composite synthesis from carbon nanotubes and styrene oligomers, the functionalization and magnetic field effect in their properties. Journal of Materials Science: Materials in Electronics, 2020, 31, 7461-7469.	1.1	4
31	The Role of Metal in Selfâ€Organization of Carbon into Graphiteâ€•or Diamondâ€Like Nanotubes. Fullerenes Nanotubes and Carbon Nanostructures, 2006, 14, 193-200.	1.0	3
32	Polarizability effect in silylium, germylium, and stannylium ions and their complexes. Journal of Organometallic Chemistry, 2016, 823, 126-135.	0.8	3
33	The role of neutral defects in the structural chemistry of liquid water. Journal of Structural Chemistry, 2004, 45, 636-642.	0.3	2
34	Molecular dynamics of metallofullerenes. Doklady Physical Chemistry, 2008, 422, 238-239.	0.2	2
35	Taguchi Experimental Design in Carbon Nanomaterials Synthesis. , 2016, , .		2
36	Carbon Nanotubes Synthesis from Four Different Organic Precursors by CVD. Materials Research Society Symposia Proceedings, 2016, 1817, 1.	0.1	2

#	Article	IF	Citations
37	Statistical studentâ€™s t-test in carbon nanospheres synthesis from cis-1,4-polyisoprene. MRS Advances, 2020, 5, 3371-3377.	0.5	2
38	Title is missing!. Doklady Chemistry, 2003, 388, 17-18.	0.2	1
39	The role of bioflavonoids and their complexes with metals in stabilization of wood under natural conditions. Doklady Biochemistry and Biophysics, 2005, 401, 108-110.	0.3	1
40	Lupane type triterpenes as structuring elements in the monolayers and films of lecithin and fullerene derivatives. Russian Chemical Bulletin, 2008, 57, 1395-1404.	0.4	1
41	Mwcnts-PSOH Dispersion and Interaction Using Low Magnetic Fields. MRS Advances, 2017, 2, 3891-3897.	0.5	1
42	Electrical and mechanical properties enhancing of PMMA and PA6 by functionalized MWCNTs addition. MRS Advances, 2018, 3, 3715-3721.	0.5	1
43	Study of intra-and intermolecular interactions of ferrocene and its derivatives. Doklady Physical Chemistry, 2008, 422, 265-266.	0.2	0
44	Morphological and Spectroscopic Studies of Chitin Nanowhiskers. Materials Research Society Symposia Proceedings, 2016, 1817, 1.	0.1	0
45	Study of nanostructured HfN coatings using layers arrangement. MRS Advances, 2017, 2, 2775-2780.	0.5	0
46	Development of an ecological varnish from the resin of pine. MRS Advances, 2018, 3, 3827-3832.	0.5	0
47	Polymeric films prepared from starch and a crosslinker extracted from avocado seeds. Journal of Applied Polymer Science, 0, , .	1.3	0