

List of Publications by Citations

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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.

144 papers	1,593 citations	21 h-index	30 g-index
148 ext. papers	1,744 ext. citations	1.9 avg, IF	4.93 L-index

#	Paper	IF	Citations
144	Phonon dispersion in d8-naphthalene crystal at 6K. <i>Journal of Physics C: Solid State Physics</i> , <b>1980</b> , 13, 4265-4283		81
143	Spectroscopy of Molecular Excitons. <i>Springer Series in Chemical Physics</i> , <b>1985</b> ,	0.3	66
142	Fullerenes		58
141	The 12 external and the 4 lowest internal phonon dispersion branches in d10-anthracene at 12K. <i>Journal of Physics C: Solid State Physics</i> , <b>1982</b> , 15, 2353-2365		53
140	Structure of Exciton Bands in Crystalline Anthracene. <i>Physica Status Solidi (B): Basic Research</i> , <b>1965</b> , 11, 877-890	1.3	50
139	A New Approach to the Vibronic Spectra of Molecular Crystals. <i>Physica Status Solidi (B): Basic Research</i> , <b>1967</b> , 19, 395-406	1.3	36
138	Pressure dependence of phonon energies in d8-naphthalene. <i>Journal of Physics C: Solid State Physics</i> , <b>1981</b> , 14, 1025-1041		34
137	Shungite as the natural pantry of nanoscale reduced graphene oxide. <i>International Journal of Smart and Nano Materials</i> , <b>2014</b> , 5, 1-16	3.6	33
136	Broken symmetry approach and chemical susceptibility of carbon nanotubes. <i>International Journal of Quantum Chemistry</i> , <b>2010</b> , 110, 1466-1480	2.1	30
135	Deformation of Poly(dimethylsiloxane) Oligomers under Uniaxial Tension: Quantum Chemical View. <i>Journal of Physical Chemistry A</i> , <b>1999</b> , 103, 11355-11365	2.8	29
134	Determination of phonon eigenvectors in naphthalene by fitting neutron scattering intensities. <i>Molecular Physics</i> , <b>1980</b> , 39, 251-260	1.7	29
133	Donor-Acceptor interaction and fullerene C60 dimerization. <i>Chemical Physics Letters</i> , <b>2007</b> , 438, 119-126	2.5	28
132	ELECTRON-VIBRATIONAL SPECTRA OF MOLECULES AND CRYSTALS. <i>Uspekhi Fizicheskikh Nauk</i> , <b>1972</b> , 14, 484-511		28
131	Molecular theory of graphene oxide. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 13304-22	3.6	27
130	Chemical susceptibility of fullerenes in view of Hartree-Fock approach. <i>International Journal of Quantum Chemistry</i> , <b>2007</b> , 107, 2803-2816	2.1	27
129	Inelastic incoherent neutron scattering spectra at different temperatures and computer experiment for external phonon modes of naphthalene crystals. <i>Physica Status Solidi (B): Basic Research</i> , <b>1978</b> , 85, 331-342	1.3	27
128	Optical limiters and diffraction elements based on a COANP-fullerene system: Nonlinear optical properties and quantum-chemical simulation. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , <b>2004</b> , 96, 599-612	0.7	24

127	Dispersion of low frequency phonons in the deuterated naphthalene crystal. <i>Solid State Communications</i> , <b>1977</b> , 23, 89-93	1.6	24
126	Odd electrons and covalent bonding in fullerenes. <i>International Journal of Quantum Chemistry</i> , <b>2004</b> , 100, 375-387	2.1	23
125	Intermolecular interaction in C60-based electron donor-acceptor complexes. <i>International Journal of Quantum Chemistry</i> , <b>2004</b> , 100, 388-406	2.1	21
124	Neutron Spectroscopy of Naphthalene Crystal Internal Phonon Modes. <i>Physica Status Solidi (B): Basic Research</i> , <b>1976</b> , 75, 105-116	1.3	21
123	The uniqueness of physical and chemical natures of graphene: Their coherence and conflicts. <i>International Journal of Quantum Chemistry</i> , <b>2014</b> , 114, 1079-1095	2.1	20
122	Continuous symmetry of C60 fullerene and its derivatives. <i>Journal of Physical Chemistry A</i> , <b>2011</b> , 115, 3480-90	2.8	20
121	Broken spin symmetry approach to chemical reactivity and magnetism of graphenium species. <i>Journal of Experimental and Theoretical Physics</i> , <b>2010</b> , 110, 121-132	1	20
120	High-spin silicon fullerene Si60 and its oligomers. <i>International Journal of Quantum Chemistry</i> , <b>2002</b> , 88, 441-448	2.1	20
119	Vibational spectroscopy of dispersed silica: inelastic neutron scattering. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>1990</b> , 54-55, 855-876	1.7	20
118	Anharmonicity of phonons in crystalline naphthalene. <i>Journal of Physics C: Solid State Physics</i> , <b>1984</b> , 17, 5893-5914		20
117	Fractals of graphene quantum dots in photoluminescence of shungite. <i>Journal of Experimental and Theoretical Physics</i> , <b>2014</b> , 118, 735-746	1	19
116	Why sp <sup>2</sup> -like nanosilicons should not form: Insight from quantum chemistry. <i>International Journal of Quantum Chemistry</i> , <b>2013</b> , 113, 612-618	2.1	19
115	Odd-electron molecular theory of graphene hydrogenation. <i>Journal of Molecular Modeling</i> , <b>2012</b> , 18, 3751-68	2	19
114	Inelastic incoherent neutron scattering from crystalline benzene. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , <b>1978</b> , 44, 324-336		19
113	Bond Length Effect on Odd-Electron Behavior in Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 10771-10779	3.8	18
112	Chemical portrait of fullerene molecules. <i>Journal of Structural Chemistry</i> , <b>2006</b> , 47, 593-599	0.9	18
111	NANOPACK: Parallel codes for semiempirical quantum chemical calculations of large systems in the sp- and spd-basis. <i>International Journal of Quantum Chemistry</i> , <b>2002</b> , 88, 449-462	2.1	18
110	Technical graphene (reduced graphene oxide) and its natural analog (shungite). <i>Technical Physics</i> , <b>2016</b> , 61, 1032-1038	0.5	17

109	C60-based composites in view of topochemical reactions. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 17128		16
108	Graphene-Carbon Nanotube Composites. <i>Journal of Computational and Theoretical Nanoscience</i> , <b>2010</b> , 7, 1814-1824	0.3	16
107	Technological polymorphism of disperse amorphous silicas: inelastic neutron scattering and computer modelling. <i>Russian Chemical Reviews</i> , <b>1995</b> , 64, 389-414	6.8	16
106	Eigenvectors of low frequency internal phonons in crystalline anthracene-d10. <i>Chemical Physics</i> , <b>1981</b> , 57, 407-414	2.3	16
105	Graphene Domain Signature of Raman Spectra of Amorphous Carbons. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	15
104	Computationally Supported Neutron Scattering Study of Parent and Chemically Reduced Graphene Oxide. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 18650-18662	3.8	14
103	Computational strategy for graphene: Insight from odd electrons correlation. <i>International Journal of Quantum Chemistry</i> , <b>2012</b> , 112, 3076-3090	2.1	14
102	Stepwise computational synthesis of fullerene C60 derivatives. Fluorinated fullerenes C60F2k. <i>Journal of Experimental and Theoretical Physics</i> , <b>2010</b> , 111, 397-414	1	14
101	Highspin molecular magnetism of silicon surfaces. <i>Surface Science</i> , <b>2003</b> , 532-535, 754-758	1.8	14
100	sp amorphous carbons in view of multianalytical consideration: Normal, expected and new. <i>Journal of Non-Crystalline Solids</i> , <b>2019</b> , 524, 119608	3.9	13
99	Mechanochemical Reaction in Graphene under Uniaxial Tension. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 23745-23754	3.8	13
98	Some phonon shifts and widths in d8-naphthalene. <i>Journal of Physics C: Solid State Physics</i> , <b>1982</b> , 15, 6533-6544	1.3	
97	Physics and chemistry of graphene. Emergentness, magnetism, mechanophysics and mechanochemistry. <i>Physics-Uspekhi</i> , <b>2018</b> , 61, 645-691	2.8	13
96	A tricortage-like failure of nanographene. <i>Journal of Molecular Modeling</i> , <b>2011</b> , 17, 1121-31	2	12
95	Computational synthesis of hydrogenated fullerenes from C <sub>60</sub> to C <sub>60</sub> H <sub>12</sub> . <i>Journal of Molecular Modeling</i> , <b>2011</b> , 17, 1973-84	2	12
94	Graphene-nanotube structures: Constitution and formation energy. <i>JETP Letters</i> , <b>2009</b> , 89, 352-356	1.2	12
93	Evolution of the coherence of vibrational states in a gradual disorder-order phase transition. <i>Journal of Molecular Structure</i> , <b>1984</b> , 114, 325-328	3.4	12
92	Temperature dependence of the phonon frequencies in deuterated anthracene. <i>Journal of Physics C: Solid State Physics</i> , <b>1982</b> , 15, 7283-7294		12

91	Structure-sensitive mechanism of nanographene failure. <i>Journal of Experimental and Theoretical Physics</i> , <b>2011</b> , 112, 602-611	1	11
90	Optical spectra and covalent chemistry of fulleropyrrolidines. <i>International Journal of Quantum Chemistry</i> , <b>2007</b> , 107, 2787-2802	2.1	11
89	Computationally Supported Neutron Scattering Study of Natural and Synthetic Amorphous Carbons. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 15841-15850	3.8	10
88	Stretching and Breaking of Chemical Bonds, Correlation of Electrons, and Radical Properties of Covalent Species. <i>Advances in Quantum Chemistry</i> , <b>2015</b> , 70, 111-161	1.4	10
87	Odd electrons in molecular chemistry, surface science, and solid state magnetism. <i>International Journal of Quantum Chemistry</i> , <b>2007</b> , 107, 2935-2955	2.1	10
86	Electronic structure and spectra of N-methylfullerenepyrrolidine. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , <b>2007</b> , 102, 432-441	0.7	10
85	Neutron spectroscopy of water adsorbed on silica. <i>Physica B: Condensed Matter</i> , <b>1991</b> , 174, 182-186	2.8	10
84	Computational INS spectroscopy of dispersed catalysts. <i>Physica B: Condensed Matter</i> , <b>1991</b> , 174, 227-232	2.8	10
83	Intermolecular interactions of polydimethylsiloxane oligomers with hydroxylated and silylated fumed silica. <i>Composite Interfaces</i> , <b>1998</b> , 6, 3-17	2.3	9
82	Isotopic effect in the absorption spectra of naphthalene crystal. <i>Chemical Physics</i> , <b>1975</b> , 8, 99-111	2.3	9
81	Neutron scattering study of reduced graphene oxide of natural origin. <i>JETP Letters</i> , <b>2014</b> , 99, 650-655	1.2	8
80	Nanostructural magnetism of polymeric fullerene crystals. <i>Journal of Experimental and Theoretical Physics</i> , <b>2006</b> , 103, 728-739	1	8
79	Fullerenes as polyradicals. <i>Open Physics</i> , <b>2004</b> , 2,	1.3	8
78	From Molecules to Particles: Quantum-chemical View Applied to Fumed Silica. <i>Journal of Nanoparticle Research</i> , <b>1999</b> , 1, 71-81	2.3	8
77	Vibronic Absorption with Totally Symmetrical Phonons in Naphthalene Crystal. <i>Molecular Crystals and Liquid Crystals</i> , <b>1978</b> , 47, 119-143		8
76	Fullerene-cluster amplifiers and nanophotonics of fullerene solutions. <i>Journal of Nanophotonics</i> , <b>2009</b> , 3, 033501	1.1	7
75	Adducts AnC <sub>60</sub> H <sub>n</sub> : Electro-optical Properties and Quantum Chemical Calculation Data. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2006</b> , 14, 343-348	1.8	7
74	INS study of intermolecular interaction at the silicone-fumed silica interface. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 276-278, 244-246	2.8	7

73	Spectroscopy of amorphous substances with molecular structure. <i>Uspekhi Fizicheskikh Nauk</i> , <b>1990</b> , 33, 147-166		7
72	ADSORPTION MODELING OF POLYDIMETHYLSILOXANE ON SILICA: SEMIEMPIRICAL QUANTUM-CHEMICAL CALCULATIONS. <i>Surface Review and Letters</i> , <b>1997</b> , 04, 879-883	1.1	6
71	Neutron scattering from water adsorbed on ultrafine nickel particles. <i>Physica B: Condensed Matter</i> , <b>1991</b> , 174, 187-191	2.8	6
70	Water on amorphous silicas: INS study. <i>Physica B: Condensed Matter</i> , <b>1992</b> , 180-181, 522-524	2.8	6
69	Computational synthesis of Cyano- and azopolyderivatives. <i>Journal of Molecular Modeling</i> , <b>2012</b> , 18, 1409-20	2	5
68	Donor-Acceptor origin of fullerene C60 dimerization. <i>International Journal of Quantum Chemistry</i> , <b>2007</b> , 107, 2361-2371	2.1	5
67	On the donor-acceptor interaction and electron transfer at the titanium oxide-organic dye interface. <i>Physics of the Solid State</i> , <b>2007</b> , 49, 2004-2009	0.8	5
66	Fullerene model of silicon nanofibers. <i>JETP Letters</i> , <b>2001</b> , 74, 177-181	1.2	5
65	Surface vibrations of silicon nitride: Inelastic neutron scattering study and computer modeling. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>1994</b> , 67, 133-139	1.7	5
64	Amplitude weighted density of bulk and surface vibrations; ultrafine nickel particles. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>1990</b> , 54-55, 425-443	1.7	5
63	Shpol'ski effect in optical spectra of frozen solutions of the organic C60 fullerene derivative in toluene. <i>Physics of the Solid State</i> , <b>2009</b> , 51, 1315-1319	0.8	4
62	Carboxylic species adsorption on TiO2 nanoparticles. <i>Physics of the Solid State</i> , <b>2007</b> , 49, 154-163	0.8	4
61	Photosynthetic reactions in fullerene based donor-acceptor complexes. <i>Journal of Structural Chemistry</i> , <b>2006</b> , 47, 600-607	0.9	4
60	Computational investigation of the influence of the environment on mechanical properties of solids. <i>International Journal of Quantum Chemistry</i> , <b>1995</b> , 56, 161-173	2.1	4
59	Nanomaterials: Reality and computational modelling. <i>Scripta Materialia</i> , <b>1995</b> , 6, 803-806		4
58	Harmonic Dynamics of Anthracene Crystal. <i>Molecular Crystals and Liquid Crystals</i> , <b>1984</b> , 104, 207-230		4
57	Pressure dependence of lattice frequencies of deuterated naphthalene at 100 K. <i>Physica Status Solidi (B): Basic Research</i> , <b>1979</b> , 91, K27-K29	1.3	4
56	Ordered and disordered states of DOBHOP. <i>Physica Status Solidi A</i> , <b>1981</b> , 63, 265-269		4

55	Topochemistry of Spatially Extended sp <sup>2</sup> Nanocarbons: Fullerenes, Nanotubes, and Graphene. <i>Carbon Materials</i> , <b>2013</b> , 137-197		4
54	sp <sup>2</sup> Carbon Stable Radicals. <i>Journal of Carbon Research</i> , <b>2021</b> , 7, 31	3.3	4
53	Graphene Oxyhydride Catalysts in View of Spin Radical Chemistry. <i>Materials</i> , <b>2020</b> , 13,	3.5	3
52	Chemical reactivity and magnetism of graphene. <i>International Journal of Quantum Chemistry</i> , <b>2009</b> , 110, NA-NA	2.1	3
51	NANOVIBR: Parallel codes for semiempirical quantum chemical and harmonic vibration large-scale calculations. <i>International Journal of Quantum Chemistry</i> , <b>2004</b> , 96, 73-79	2.1	3
50	Intermolecular Interaction and Vibrational Spectra at Fumed Silica Particles/Silicone Polymer Interface. <i>Journal of Nanoparticle Research</i> , <b>2003</b> , 5, 419-437	2.3	3
49	Quantum-chemical study of the interface formed by carboxylic species on TiO <sub>2</sub> nanoparticles. 1. Nanoparticle surface. <i>Journal of Nanoparticle Research</i> , <b>2005</b> , 7, 171-186	2.3	3
48	Computer modeling of assembly of atoms in an electric field. <i>International Journal of Quantum Chemistry</i> , <b>1996</b> , 57, 741-755	2.1	3
47	Computational modeling of amorphous silica. 3. Modeling the initial structures. Silica gel. <i>Journal of Structural Chemistry</i> , <b>1994</b> , 35, 299-304	0.9	3
46	Density of vibrational states of thiol capped CdS particles. Inelastic neutron scattering. <i>Physica B: Condensed Matter</i> , <b>1994</b> , 198, 197-199	2.8	3
45	Density of vibrational states of silicon nitride. <i>Physica B: Condensed Matter</i> , <b>1994</b> , 198, 200-202	2.8	3
44	Computer modeling of amorphous silica structures. <i>Reaction Kinetics and Catalysis Letters</i> , <b>1993</b> , 50, 389-414		3
43	Exciton-Phonon Luminescence of Perfect and Doped Naphthalene Crystals. <i>Molecular Crystals and Liquid Crystals</i> , <b>1980</b> , 57, 65-87		3
42	Asymmetry of phonon side bands of optical transitions in impurity molecular crystals caused by a change in external phonon frequencies. <i>Physica Status Solidi (B): Basic Research</i> , <b>1976</b> , 78, K1-K5	1.3	3
41	Exciton-phonon interaction and energy transfer in benzene and isotopically impure deuterobenzene crystals. <i>Journal of Luminescence</i> , <b>1974</b> , 8, 349-358	3.8	3
40	Nanophotonics of Fullerene. 1. Chemistry and Medicine. <i>Nanoscience and Nanotechnology Letters</i> , <b>2011</b> , 3, 28-33	0.8	3
39	The nature of enhanced linear and nonlinear optical effects in fullerene solutions. <i>Journal of Experimental and Theoretical Physics</i> , <b>2009</b> , 108, 738-750	1	2
38	Multi-mode ground state interaction terms in C <sub>60</sub> -based electron donor-acceptor complexes. <i>Open Physics</i> , <b>2004</b> , 2,	1.3	2



37	Computational modeling of amorphous silica. 2. Modeling the initial structures. Aerosil. <i>Journal of Structural Chemistry</i> , <b>1994</b> , 35, 291-298	0.9	2
36	Comparative analysis of vibration spectra of dispersive silicas and their components. <i>Journal of Structural Chemistry</i> , <b>1994</b> , 34, 523-533	0.9	2
35	Spectroscopy of Molecular Crystals: A Bibliography for 1981. <i>Molecular Crystals and Liquid Crystals</i> , <b>1984</b> , 104, 1-94		2
34	Multiphonon absorption in molecular crystals. <i>Physica Status Solidi (B): Basic Research</i> , <b>1976</b> , 78, 325-333	1.3	2
33	Spin Chemical Physics of Graphene		2
32	Influence of spin-orbit interaction on magnetic properties of fullerenes. <i>European Physical Journal D</i> , <b>2016</b> , 70, 1	1.3	2
31	Spin-orbit coupling of sp <sup>2</sup> nanocarbons and magnetism of fullerene C <sub>60</sub> in view of spin peculiarities of unrestricted Hartree-Fock solution. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2017</b> , 25, 289-294	1.8	1
30	Fullerene nanoclusters as enhancers in linear spectroscopy and nonlinear optics. <i>High Energy Chemistry</i> , <b>2009</b> , 43, 628-633	0.9	1
29	Influence of the structure of fullerene molecules on their clusterization in the crystalline matrix. <i>Physics of the Solid State</i> , <b>2009</b> , 51, 2193-2198	0.8	1
28	Fullerene-silica complexes for medical chemistry. <i>Russian Journal of Physical Chemistry A</i> , <b>2007</b> , 81, 959-966	0.6	1
27	Fullerenes as polyradicals. <i>Future Generation Computer Systems</i> , <b>2004</b> , 20, 749-762	7.5	1
26	Surface magnetism of silicon [111](7/spl times/7) and [001](2/spl times/1) surfaces: quantum-chemical approach <b>1999</b> ,		1
25	Computational chemistry of the silicon nitride surface. 1. Water, ammonia, and water-ammonia complex. <i>Journal of Structural Chemistry</i> , <b>1995</b> , 36, 50-59	0.9	1
24	Computational modeling of amorphous silica. 1. Modeling the starting structures. A general conception. <i>Journal of Structural Chemistry</i> , <b>1994</b> , 35, 215-223	0.9	1
23	Vibrational spectroscopy of dispersed silica: Aerosil. <i>Journal of Structural Chemistry</i> , <b>1993</b> , 33, 536-544	0.9	1
22	Vibrations of dispersed silicas: A comparative. <i>Reaction Kinetics and Catalysis Letters</i> , <b>1993</b> , 50, 221-226		1
21	Spectroscopy of Molecular Crystals: A Bibliography for 1971. <i>Molecular Crystals and Liquid Crystals</i> , <b>1973</b> , 19, 331-367		1
20	Virtual Vibrational Spectrometry of Stable Radicals-Necklaced Graphene Molecules.. <i>Nanomaterials</i> , <b>2022</b> , 12,	5.4	1



19	Computational Modeling of Surface Layers of Refractory Compounds <b>1999</b> , 155-186		1
18	Dirac Material Graphene. <i>Reviews on Advanced Materials Science</i> , <b>2018</b> , 53, 1-28	4.8	1
17	High-spin silicon fullerene Si60 and its oligomers <b>2002</b> , 88, 441		1
16	Vibronic resonance in spectra of frozen solutions of the C60 fullerene derivatives. <i>Physics of the Solid State</i> , <b>2011</b> , 53, 1307-1313	0.8	0
15	Computational modeling of amorphous silica. 4. Modeling the initial structures. Aerogel. <i>Journal of Structural Chemistry</i> , <b>1994</b> , 35, 305-308	0.9	0
14	Neutron Scattering from Equilibrium and Non-equilibrium Phonons, Excitons and Polaritons. <i>Molecular Crystals and Liquid Crystals</i> , <b>1980</b> , 57, 145-161		0
13	TUNCUR: Sequential codes for semiempirical quantum chemical calculations of tunneling current. <i>International Journal of Quantum Chemistry</i> , <b>2004</b> , 100, 695-708	2.1	
12	Water at the interface modified silica filler-polydimethylsiloxane: quantum-chemical modelling. <i>Composite Interfaces</i> , <b>2001</b> , 8, 291-306	2.3	
11	Computational chemistry of the silicon nitride surface. 2. Binary hydroxylamine complexes. Geometry and bond energies. <i>Journal of Structural Chemistry</i> , <b>1996</b> , 37, 24-40	0.9	
10	Construction of basis vibration spectra of multicomponent systems. 3. Aerogel. <i>Journal of Structural Chemistry</i> , <b>1994</b> , 34, 513-522	0.9	
9	Method for the construction of basis spectra of multicomponent systems. The zero correlation coefficient criterion. <i>Journal of Structural Chemistry</i> , <b>1993</b> , 34, 37-45	0.9	
8	Construction of vibrational basis spectra of multicomponent systems 1. Aerosil. <i>Journal of Structural Chemistry</i> , <b>1993</b> , 34, 46-55	0.9	
7	Construction of vibrational basis spectra of multicomponent systems 2. Silica gel. <i>Journal of Structural Chemistry</i> , <b>1993</b> , 34, 56-67	0.9	
6	Vladimir L'vovich Broude (Obituary). <i>Uspekhi Fizicheskikh Nauk</i> , <b>1979</b> , 22, 292-293		
5	The electronic states of naphthalene molecules adsorbed on a zeolite. <i>Theoretical and Experimental Chemistry</i> , <b>1969</b> , 3, 220-223	1.3	
4	SIXTH ALL-UNION SEMINAR ON "EXCITONS IN CRYSTALS". <i>Uspekhi Fizicheskikh Nauk</i> , <b>1972</b> , 14, 530-532		
3	Luminescence spectra and adsorption characteristics of naphthalene on various metal-substituted forms of type X zeolite. <i>Theoretical and Experimental Chemistry</i> , <b>1972</b> , 5, 156-158	1.3	
2	Spin Effects in sp <sup>2</sup> Nanocarbons in the Light of Unrestricted Hartree-Fock Approach and Spin-Orbit Coupling Theory. <i>Progress in Theoretical Chemistry and Physics</i> , <b>2017</b> , 39-63	0.6	

- 1 Enhanced Raman scattering provided by fullerene nanoclusters **2010**, 87, 133