

Majid Monajjemi

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.

225
papers

1,800
citations

21
h-index

32
g-index

267
ext. papers

1,988
ext. citations

1.4
avg, IF

5.19
L-index

#	Paper	IF	Citations
225	Removal of Methylene Blue Dye from Aqueous Solutions Using Carboxymethyl- β -Cyclodextrin-Fe ₃ O ₄ Nanocomposite: Thermodynamics and Kinetics of Adsorption Process. <i>Russian Journal of Physical Chemistry A</i> , 2022 , 96, 371-380	0.7	0
224	Molecular Modeling of Biofuel Cells of BN Nanotube-FAD Structure. <i>Russian Journal of Physical Chemistry A</i> , 2022 , 96, S105-S112	0.7	1
223	Nano-metallic Semiconductor towards the Vibrational Analysis and Harmonic Linear Combination. <i>Russian Journal of Physical Chemistry A</i> , 2022 , 96, 1051-1061	0.7	
222	Increasing the Performance of Cathode Material in Alkaline (Li, Na and K) Ion Batteries: Synthesis and Characterization. <i>Russian Journal of Physical Chemistry B</i> , 2021 , 15, S140-S148	1.2	
221	Iranian Qara Qat fruit (redcurrant) in Arasbaran forests as the resource of anthocyanin pigments in formation of [ACN-Mg ²⁺ /Al ³⁺ /Ga ³⁺ /Sn ²⁺ /Cr ³⁺ /Fe ³⁺] chelation clusters. <i>SN Applied Sciences</i> , 2021 , 3, 1	1.8	1
220	Nano-alumina based (alpha and gamma) drilling fluid system to stabilize high reactive shales. <i>Petroleum</i> , 2021 , 7, 142-151	4.1	2
219	Carbazochrome carbon nanotube as drug delivery nanocarrier for anti-bleeding drug: quantum chemical study.. <i>Journal of Molecular Modeling</i> , 2021 , 28, 11	2	1
218	Induced Metals on BN Nanotube by DFT/EPR Methods. <i>Russian Journal of Physical Chemistry A</i> , 2021 , 95, S331-S337	0.7	
217	Synthesis and antithrombotic activity of 1-benzyl-N'-benzylidenepiperidine-3-carbohydrazide derivatives. <i>Blood Coagulation and Fibrinolysis</i> , 2020 , 31, 179-185	1	0
216	Preparation and characterization of Chicory leaf powder and its application as a nano-native plant sorbent for removal of Acid Blue 25 from aqueous media: isotherm, kinetic and thermodynamic study of the adsorption phenomenon. <i>Journal of Nanostructure in Chemistry</i> , 2020 , 10, 75-86	7.6	11
215	(4n + 2) Hückel rule of Bn NnC(8-2n) H8 as anti-cancer heterocyclic systems. <i>Universidad Del Zulia Revista</i> , 2020 , 11, 129-150	0.4	
214	Drug delivery via super-paramagnetic (N ₂) _n [SiO ₂ (OH) ₂] ₈ Core-Shell catalyst. <i>Universidad Del Zulia Revista</i> , 2020 , 11, 364-381	0.4	
213	An overview on Coronaviruses family from past to Covid-19: introduce some inhibitors as antiviruses from Gillan plants. <i>Biointerface Research in Applied Chemistry</i> , 2020 , 10, 5575-5585	2.8	5
212	Evaluation of Coronavirus Families & Covid-19 Proteins: Molecular Modeling Study. <i>Biointerface Research in Applied Chemistry</i> , 2020 , 10, 6039-6057	2.8	4
211	Drug delivery via β -Cyclodextrin: A Statistical-Nucleus Independent Chemical Shifts (S-NICS) study. <i>Universidad Del Zulia Revista</i> , 2020 , 11, 98-113	0.4	2
210	Theoretical methods for measuring chemo-physical properties of nucleic acids during the oxidation of DNA and the incidence of cancer. <i>Universidad Del Zulia Revista</i> , 2020 , 11, 428-446	0.4	
209	Investigation about electrostatic three-wall carbon nanotubes (MWCNT), including doping with BN: a model for the nano capacitor. <i>Universidad Del Zulia Revista</i> , 2020 , 11, 79-97	0.4	

208	Preparation and characterization of vancomycin-loaded chitosan/PVA/PEG hydrogels for wound dressing. <i>Materials Research Express</i> , 2020 , 7, 095401	1.7	6
207	Preparation, Characterization and First Application of Graphene Oxide-Metformin-Nickel for the Suzuki Cross-Coupling Reaction. <i>ChemistrySelect</i> , 2020 , 5, 211-217	1.8	5
206	Molecular Structural Properties of [n]-Annulene (n = 8, 10, 12, 14) and its Boron Nitride Derivatives: Analysis of NMR, NBO, ELF and PDI. <i>Journal of Structural Chemistry</i> , 2020 , 61, 207-224	0.9	
205	Thermodynamic and IR Spectral Study of Metal CationsAnthocyanin Chelation: Mechanism of Formation of Pigments. <i>Russian Journal of Physical Chemistry A</i> , 2020 , 94, 1887-1901	0.7	2
204	A Comparison of NH ₂ ⁺ and CH ₂ ⁺ Ions and Deuterated Variants of NH ₂ ⁺ D ₂ ⁺ : Real or Artefactual Rotation?. <i>Journal of Structural Chemistry</i> , 2019 , 60, 713-726	0.9	
203	Nano Molecular Motor of Azo Antibiotics on Edge-Carboxylated Graphene: A UV and Visible-Switchable Sensors. <i>Russian Journal of Physical Chemistry A</i> , 2019 , 93, 324-332	0.7	
202	Aromaticity and Induced Current Study of C ₈ H ₂ (n+2) ₈ (n = 8, 10, 12, 14, 16, 18, 20): In the Viewpoint of Huckel Rule. <i>Journal of Structural Chemistry</i> , 2019 , 60, 1361-1374	0.9	2
201	Molecular vibration of dopamine neurotransmitter: a relation between its normal modes and harmonic notes. <i>Biointerface Research in Applied Chemistry</i> , 2019 , 9, 3956-3962	2.8	2
200	Simulation & modelling of dilute solutions in drop-on-demand inkjet printing: a review. <i>Biointerface Research in Applied Chemistry</i> , 2019 , 9, 4474-4484	2.8	2
199	Amino Functionalized Nano Fe ₃ O ₄ @SiO ₂ as a Magnetically Green Catalyst for the One-Pot Synthesis of Spirooxindoles Under Mild Conditions. <i>Polycyclic Aromatic Compounds</i> , 2018 , 38, 199-212	1.3	11
198	Synthesis of nanocomposites of iron oxide/gold (FeO/Au) loaded on activated carbon and their application in water treatment by using sonochemistry: Optimization study. <i>Ultrasonics Sonochemistry</i> , 2018 , 41, 279-287	8.9	33
197	Lithium Including Mixed Sodium Inside Graphene Oxide (GO) as Anodic Electrodes for ion Batteries. <i>Oriental Journal of Chemistry</i> , 2018 , 34, 981-992	0.8	
196	Novel Au@Fe ₃ O ₄ NPs Loaded on Activated Carbon as a Green and High Efficient Adsorbent for Removal of Dyes from Aqueous Solutions: Application of Ultrasound Wave and Optimization. <i>Eurasian Journal of Analytical Chemistry</i> , 2018 , 13,		2
195	Increasing the efficiency of some antibiotics on penetrating bacteria cell membrane. <i>Ukrainian Journal of Ecology</i> , 2018 , 8, 671-679	1.7	2
194	Fabrication of lithium-ion batteries based on various LiNi _{1-x} CoxO ₂ cathode materials. <i>International Journal of Nanotechnology</i> , 2018 , 15, 925	1.5	
193	Theoretical and experimental simulation of inkjet printing process: investigation of physical parameters of a droplet. <i>International Journal of Nanotechnology</i> , 2018 , 15, 845	1.5	
192	Designing BN sheets of X-G/(h-BN) _n /X-G (X = B, N) and GO/h-BN/GO structures for based anodes material to improve the performance of lithium-ion batteries. <i>International Journal of Nanotechnology</i> , 2018 , 15, 819	1.5	
191	Study of CD ₅ ⁺ Ions and Deuterated Variants(C ₅ H _x D _{5-x}) ⁺ : An Artefactual Rotation. <i>Russian Journal of Physical Chemistry A</i> , 2018 , 92, 2215-2226	0.7	

190	Liquid-phase exfoliation (LPE) of graphite towards graphene: An ab initio study. <i>Journal of Molecular Liquids</i> , 2017 , 230, 461-472	6	29
189	Neutral Gases Adsorption With Hydrogen on Silicon Nanotubes: A Fuel Cell Investigation. <i>Oriental Journal of Chemistry</i> , 2017 , 33, 1366-1374	0.8	2
188	Investigation of Langmuir and Freundlich Adsorption Isotherm of Co ²⁺ Ion by Micro Powder of Cedar Leaf. <i>Oriental Journal of Chemistry</i> , 2017 , 33, 1569-1574	0.8	4
187	The Double Wall Boron Nitride Nanotube: Nano-Cylindrical Capacitor. <i>Oriental Journal of Chemistry</i> , 2017 , 33, 1213-1222	0.8	5
186	X-Doped Graphene Interaction with Anodic Material. <i>Oriental Journal of Chemistry</i> , 2017 , 33, 2179-2188	0.8	1
185	A Nano Catalyst of CoFe ₂ O ₄ @ B ₁₈ N ₁₈ as a Novel Material. <i>Oriental Journal of Chemistry</i> , 2017 , 33, 1648-1658	0.8	1
184	NMR Shielding and S-NICS Investigation for Imipenem, Penicillin G, Ticarcillin, Ampicillin and Clavulanic Acid in Viewpoint of Bio-Nanotechnology. <i>Oriental Journal of Chemistry</i> , 2017 , 33, 664-675	0.8	
183	Adsorption of Thymol Blue and Erythrosine-B on MWCNTs Functionalized by N-(3-nitrobenzylidene)-N'-trimethoxysilylpropyl-ethane-1,2-diamine Equilibrium, Kinetics and Thermodynamic Study. <i>Oriental Journal of Chemistry</i> , 2017 , 33, 2542-2550	0.8	2
182	Physical Chemistry Properties of Fe ₃ O ₄ @ Cyclodextrin@ (12, 12) Swcnts as a Catalyst. <i>Oriental Journal of Chemistry</i> , 2017 , 33, 157-164	0.8	
181	Non Bonded Interactions in cylindrical capacitor of (m, n) @ (m,n) @ (m,n) Three Walled Nano Carbon Nanotubes. <i>Oriental Journal of Chemistry</i> , 2017 , 33, 3024-3030	0.8	2
180	S-NICS Investigation for Heterocyclic Anticancer Compounds. <i>Oriental Journal of Chemistry</i> , 2017 , 33, 1595-1602	0.8	
179	Graphene/(h-BN) n/X-doped graphene as anode material in lithium ion batteries (X=Li, Be, B and N). <i>Macedonian Journal of Chemistry and Chemical Engineering</i> , 2017 , 36, 101	1.1	6
178	Main Allotropes of Carbon. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2017 , 185-213	0.2	
177	Nano Biotechnology Investigation of the Fatty Acid Synthesis (FAS): Preventing the Fatty Liver Disease. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 659-669	0.3	
176	Lithium Ion Battery Modification via Interaction Between Graphite Oxide// h-BN Capacitor with Anodic Material. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 2368-2382	0.3	
175	Monte Carlo and NMR Study for Transition of B Group Vitamin Through Channel Membrane. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 2627-2635	0.3	
174	POPE Lipid Bilayers as a Biological Nano Capacitor in ATP Regularization. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 2642-2652	0.3	
173	Study of Hydrogen and Neutral Gases Diffusion Inside of a Nano Hetero of SixCySzOu Cages. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 3272-3282	0.3	

172	A Study of CBS-LQ, PM6 and NMR Methods on Nano Structure of Fe ₃ O ₄ @B ₁₈ N ₁₈ . <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 4528-4538	0.3	
171	A Nano Capacitor Including Graphene Electrodes and Nitrogen Mono Oxide Insulator: Aspect of Nuclear Magnetic Resonance and NBO Investigation. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 4856-4865	0.3	
170	A Study of Nano Capacitor Including Graphene as Electrodes and H ₂ -BN Sheets as Insulator. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 899-908	0.3	
169	Functionalized Mesoporous Silica Nanoparticle for Levodopa Delivery: A Combination with SWCNTs. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 208-219	0.3	1
168	Adsorption of Microporous Silica Material (mcm-41) on Graphene Sheet as a Nano-Carrier. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 378-387	0.3	2
167	Efficient removal of toxic bromothymol blue and methylene blue from wastewater by polyvinyl alcohol. <i>Journal of Molecular Liquids</i> , 2016 , 218, 191-197	6	109
166	Interaction of Nano-Boron Nitride/Graphene Sheets with Anode Lithium Ion Battery. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 3070-3082	0.3	6
165	Study of Nanotubes Inside Aquaporins Channels for Water Transfer. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 643-651	0.3	
164	Non-Bonded Interaction Between Phosphorus-Boron Double Wall Nanotubes (DW-P-B-NTs): Structural and Electronic Properties. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 3175-3182	0.3	
163	Electrochemical Study of Graphene Electrodes and Helium-(h-BN) _m (m = 1B) Insulator. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 3352-3360	0.3	
162	Non-Covalent Investigation of Superparamagnetic Fe ₃ O ₄ @SWBNNTs Core-Shell. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 4722-4729	0.3	
161	Electron Density Analysis of Niacin, Folate, and Riboflavin from Jackfruit on SWCNTs. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 5010-5020	0.3	
160	Magnetic Nano Particle Fe ₃ O ₄ @ Calix [8] Core-Shell: A Comparison with CNTs. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 4923-4931	0.3	
159	Computational Investigation of Fe ₃ O ₄ on Cyclodextrin (α and β) Sensors: A Comparison with Fe ₃ O ₄ @(9, 9) SWCNTs. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 5583-5589	0.3	
158	A Variable Nano Capacitor Behaved Arising from Lipid Bilayers of DMPC. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 6956-6966	0.3	
157	Basis Sets and Nuclear Magnetic Resonance Shielding Effects for Mixing of MWBN and CNTs. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 6440-6445	0.3	
156	Lithium Ion Battery Including BN Doped Graphene Electrodes. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 6680-6693	0.3	
155	Nano Drug Deliverer for Ampicillin, Clavulanic Acid, Imipenem, Penicillin G and Ticarcillin. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 7144-7155	0.3	

- 154 Cylindrical Capacitor-Anode Interaction Between Lithium Ion Batteries and (m, m)@(n, n) Double Wall Boron Nitride Nanotubes. *Journal of Computational and Theoretical Nanoscience*, **2016**, 13, 7293-7302^{0.3}
- 153 A Nano Capacitor Including Graphite Oxide with h-BN Insulator {GO/(h-BN)m/GO}. *Journal of Computational and Theoretical Nanoscience*, **2016**, 13, 8475-8485 0.3
- 152 Multi-Wall (Carbon and Boron Nitride) Nanotubes in Binding with Valine-t-RNA: QM/MM Studies. *Journal of Computational and Theoretical Nanoscience*, **2016**, 13, 9175-9182 0.3
- 151 (n, n) SWCNTs and (m, m) SWBNNTs Complexes with Ginger: Anti-Cancer Plant. *Journal of Computational and Theoretical Nanoscience*, **2016**, 13, 3426-3435 0.3
- 150 An Electrochemical Study of POPC Phospholipid Bilayers in A Cell Membrane. *Oriental Journal of Chemistry*, **2016**, 32, 2585-2598 0.8 1
- 149 Cholesterol Interactions with Fatty Acids and DMPC Phospholipids of Liver Membranes. *Oriental Journal of Chemistry*, **2016**, 32, 2957-2965 0.8 1
- 148 A study of Fe₃O₄@ Si₁₈O₂₇ catalyst through Statistical-Nucleus Independent Chemical Shifts(S-NICS) method. *Oriental Journal of Chemistry*, **2016**, 32, 2327-2345 0.8 2
- 147 Sodium Ion Batteries Including Edge-Carboxylated Carbon as a Based Anodic Electrode. *Journal of Computational and Theoretical Nanoscience*, **2016**, 13, 8333-8344 0.3
- 146 Modeling of Competitive Ultrasonic Assisted Removal of The Crystal Violet and Aura Mineo using Mwcnts Functionalized by N-(3-Nitrobenzylidene)-N'-Trimethoxysilylpropyl-Ethane-1,2-Diamine:Equilibrium, Kinetics and Thermodynamic Study. *Oriental Journal of Chemistry*, **2016**, 32, 1839-1858 0.8 2
- 145 A Theoretical Study of Fe₃O₄@SiO₂ Nano-Particles: A Comparison with Fe₃O₄@(m, n) SWCNTs for Synthesize of Organic Compounds. *Journal of Computational and Theoretical Nanoscience*, **2016**, 13, 3059-3069^{0.3}
- 144 AIM and NBO analyses on the interaction between SWCNT and cyclophosphamide as an anticancer drug: A density functional theory study. *Journal of Theoretical and Computational Chemistry*, **2015**, 14, 1550021 1.8 2
- 143 Capacitor simulation including of X-doped graphene (X = Li, Be, B) as two electrodes and (h-BN)m (m = 1-4) as the insulator. *Japanese Journal of Applied Physics*, **2015**, 54, 085101 1.4 4
- 142 Temperature and Solvent Influence of MWNT (M = 1,2,3) for Nano Drug Delivery and mRNA Binding: A Normal Mode Analysis. *Journal of Computational and Theoretical Nanoscience*, **2015**, 12, 2448-2457^{0.3} 2
- 141 Cell membrane causes the lipid bilayers to behave as variable capacitors: A resonance with self-induction of helical proteins. *Biophysical Chemistry*, **2015**, 207, 114-27 3.5 7
- 140 The pseudo Jahn-Teller effect of puckering in pentatomic unsaturated rings C₄AE₅, A = N, P, As, E = H, F, Cl. *Computational and Theoretical Chemistry*, **2015**, 1074, 19-25 2 19
- 139 Electronic Structural Investigation of Boron Nitride Nano Cage (B₃₀N₂₀) in Point of Exchange and Correlation Energy. *Journal of Computational and Theoretical Nanoscience*, **2015**, 12, 652-659 0.3 2
- 138 Study of Properties on Different BnNn Nano Structures in Point of Theoretical Calculations. *Fullerenes Nanotubes and Carbon Nanostructures*, **2015**, 23, 239-244 1.8
- 137 The Chemical Electronic Properties of PNP Molecular Transistor Based on (4,3) Chiral Carbon Nanotube. *Fullerenes Nanotubes and Carbon Nanostructures*, **2015**, 23, 218-232 1.8 1

136	Monte Carlo Study of Aquaporin, 1, 4 and 5 as the Nano Channel Membrane. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 4345-4351	0.3	
135	Statistical Thermodynamic Study of Biginelli Reaction: A Nano Approach. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 4478-4488	0.3	
134	Solvent Effect on Aquaporin-4 Channel Membrane: In Point of Nano Biotechnology. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 449-458	0.3	2
133	Carbon Nanotubes as the Specific Drug Delivery for Sulfonamides Antibiotics: Instead of Injection. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 3808-3816	0.3	2
132	Cation- π Interaction with Graphene for Cyclic Cationic Polypeptide Compounds. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 5472-5478	0.3	
131	A Nano-Biotechnology Study of Gossypin-CNT as a Productive Drug for the Treatment of Diabetes. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 4076-4086	0.3	1
130	Symmetry Breaking of B ₂ N((- , 0, +)): An Aspect of the Electric Potential and Atomic Charges. <i>Molecules</i> , 2015 , 20, 21636-57	4.8	1
129	Density Functional Theory Study and Anti-Cancer Properties of Shyshaq Plant: In View Point of Nano Biotechnology. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 4358-4367	0.3	1
128	Non-covalent attraction of B ₂ N(D) and repulsion of B ₂ N(+) in the B n N n ring: a quantum rotatory due to an external field. <i>Theoretical Chemistry Accounts</i> , 2015 , 134, 1	1.9	10
127	A Nano Capacitor Including Graphene Electrodes and the Hydrogen Insulator. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 3473-3481	0.3	2
126	Harmonic Linear Combination and Normal Mode Analysis of Semiconductor Nanotubes Vibrations. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 1030-1039	0.3	4
125	S-NICS: An Aromaticity Criterion for Nano Molecules. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 4895-4914	0.3	9
124	Design and Manufacture of Silver-Selective Electrode Based on Single-Walled Carbon Nanotubes. <i>Oriental Journal of Chemistry</i> , 2015 , 31, 703-708	0.8	4
123	Nanotube Carbon Application for Evaluating of Anti-Cancer Potential for Durian as an Equatorial Plant. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 4301-4314	0.3	
122	The Electrical Properties and Band Structure Study of (7, 0)@(14, 0) Double Wall Zinc Oxide Nanotubes (DWZnONTs). <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 4211-4218	0.3	
121	Methanol-Single Walled Carbon Nano Tubes Nano Sensors: A Quantum Mechanics/Molecular Mechanic Simulation. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 4785-4793	0.3	
120	QM/MM Study of Double Walled Zinc Oxide Nanotube (DWZnONTs) for Cylindrical Nano Capacitor Application. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 4862-4872	0.3	
119	BN-Dopants Graphene as Two Electrodes and AlB as Insulator. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 5789-5795	0.3	

118	X-Doped Graphene (X = N, F) as Two Electrodes and (h-BN) _m (m = 2B) as the Insulator: A Nano Capacitor. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 5395-5401	0.3	
117	In silico study of effects of polymorphisms on biophysical chemical properties of oxidized N-terminal domain of X-ray cross-complementing group 1 protein. <i>Biochemistry (Moscow)</i> , 2014 , 79, 31-6 ^{2.9}	1	
116	Electrochemical Oxidation of Catechols in the Presence of Triethyl Phosphite. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014 , 189, 652-660	1	
115	Study of Bio-nano Interaction Outlook of Amino Acids on Single-walled Carbon Nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014 , 22, 595-603	1.8	4
114	Metal-doped graphene layers composed with boron nitride-graphene as an insulator: a nano-capacitor. <i>Journal of Molecular Modeling</i> , 2014 , 20, 2507	2	15
113	Nano Theoretical Study of a C16 Cluster as a Novel Material for Vitamin C Carrier. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014 , 22, 687-708	1.8	9
112	Charge Density Discrepancy Between NBO and QTAIM in Single-wall Armchair Carbon Nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014 , 22, 575-594	1.8	6
111	Theoretical Study of Different Solvent and Temperature Effects on Double-walled Carbon Nanotubes (DWNTs) and Calixarene with Amino Acid: A QM/MM Study. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014 , 22, 346-361	1.8	13
110	NMR contour maps as a new parameter of carboxyl OH groups in amino acids recognition: A reason of tRNA amino acid conjugation. <i>Chemical Physics</i> , 2014 , 433, 1-11	2.3	24
109	The Investigation of Sequence-dependent Interaction of Messenger RNA Binding to Carbon Nanotube. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014 , 22, 643-662	1.8	7
108	The Magnetizability and Chemical Shift Relationship in Carbon Nanotubes with PNP or NPN Junction. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014 , 11, 2005-2016	0.3	2
107	DFT Study on 4(5)-Imidazole-carbaldehyde-N(5)-phenylthiosemicarbazone (ImTPh): NMR Shielding Tensors, Thermodynamic Parameters, NBO Analysis, Molecular Electrostatic Potential (MEP), HOMO and LUMO Studies. <i>Oriental Journal of Chemistry</i> , 2014 , 30, 345-350	0.8	3
106	Carbon Nanotube as a Deliver for Sulforaphane in Broccoli Vegetable in Point of Nuclear Magnetic Resonance and Natural Bond Orbital Specifications. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014 , 11, 1465-1471	0.3	13
105	The Electromagnetic Feature of B15N15H _x (x = 0, 4, 8, 12, 16, and 20) Nano Rings: Quantum Theory of Atoms in Molecules/NMR Approach. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014 , 11, 1290-1298	0.3	3
104	Nano Structure Study on the First Series Transition Cations Inside B16N16-Nanotube in Point of Electromagnetic Interaction. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014 , 22, 798-808	1.8	2
103	Quantum Study of Amino Acid Bind to Carbon Nanotube in View of Magnetic Properties. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014 , 22, 709-725	1.8	5
102	Molecular Modeling Investigation of an Anti-cancer Agent Joint to SWCNT Using Theoretical Methods. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014 , 22, 738-751	1.8	13
101	Non bonded interaction between B _n N _n (stator) and (rotor) systems: A quantum rotation in IR region. <i>Chemical Physics</i> , 2013 , 425, 29-45	2.3	27

100	A new generation of B(n)N(n) rings as a supplement to boron nitride tubes and cages. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 1670-84	2.8	30
99	Theoretical Study of Boron Nitride Nanotubes with Armchair Forms. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2013 , 21, 381-393	1.8	12
98	Density Functional Theory Study on B30N20 Nanocage in Structural Properties and Thermochemical Outlook. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2013 , 21, 503-515	1.8	8
97	Computational investigation on alcohol nanosensors in combination with carbon nanotube: a Monte Carlo and ab initio simulation. <i>Ionics</i> , 2013 , 19, 155-164	2.7	27
96	Investigation of different factors towards synthesis of CuS spherical nanoparticles. <i>Journal of Experimental Nanoscience</i> , 2013 , 8, 451-461	1.9	15
95	Non Bonded Interaction of B16N16 Nano Ring with Copper Cations in Point of Crystal Fields. <i>Journal of Computational and Theoretical Nanoscience</i> , 2013 , 10, 2473-2477	0.3	7
94	(3,3)4 Armchair Carbon Nanotube in Connection with PNP and NPN Junctions: Ab Initio and DFT-Based Studies. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2013 , 21, 213-232	1.8	8
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