VladimÃ-r LukeÅ¡

List of Publications by Year
in descending order

Version: 2024-02-01

130 papers	2,571 citations	218677 26 h-index	223800 46 g-index
130 all docs	130 docs citations	130 times ranked	2796 citing authors

#	Article	IF	Citations
1	Study of the solvent effect on the enthalpies of homolytic and heterolytic Nâ€“H bond cleavage in p-phenylenediamine and tetracyano-p-phenylenediamine. Computational and Theoretical Chemistry, 2010, 952, 25-30.	1.5	281
2	DFT/B3LYP study of tocopherols and chromans antioxidant action energetics. Chemical Physics, 2007, 336, 51-57.	1.9	152
3	Theoretical Study of Vibrational and Optical Spectra of Methylene-Bridged Oligofluorenes. Journal of Physical Chemistry A, 2005, 109, 10232-10238.	2.5	129
4	DFT/B3LYP Study of the Substituent Effect on the Reaction Enthalpies of the Individual Steps of Single Electron Transferâ'Proton Transfer and Sequential Proton Loss Electron Transfer Mechanisms of Phenols Antioxidant Action. Journal of Physical Chemistry A, 2006, 110, 12312-12320.	2.5	114
5	System-Dependent Signatures of Electronic and Vibrational Coherences in Electronic Two-Dimensional Spectra. Journal of Physical Chemistry Letters, 2012, 3, 1497-1502.	4.6	80
6	Study of gas-phase Oâ€“H bond dissociation enthalpies and ionization potentials of substituted phenols â€“ Applicability of ab initio and DFT/B3LYP methods. Chemical Physics, 2006, 330, 515-525.	1.9	74
7	Vibronic modulation of lineshapes in two-dimensional electronic spectra. Chemical Physics Letters, 2008, 459, 94-99.	2.6	69
8	DFT/B3LYP study of Oâ€“H bond dissociation enthalpies of para and meta substituted phenols: Correlation with the phenolic Câ€“O bond length. Computational and Theoretical Chemistry, 2006, 767, 43-50.	1.5	66
9	Study of Nâ€“H, Oâ€“H, and Sâ€“H bond dissociation enthalpies and ionization potentials of substituted anilines, phenols, and thiophenols. Computational and Theoretical Chemistry, 2006, 758, 149-159.	1.5	62
10	Dependence of Optical Properties of Oligo-para-phenylenes on Torsional Modes and Chain Length. Journal of Physical Chemistry B, 2007, 111, 7954-7962.	2.6	62
11	On the energetics of homolytic and heterolytic OH bond cleavage in flavonoids. Computational and Theoretical Chemistry, 2012, 991, 192-200.	2.5	61
12	Vibrational wave packet induced oscillations in two-dimensional electronic spectra. I. Experiments. Journal of Chemical Physics, 2010, 132, .	3.0	55
13	Protective role of quercetin against copper(II)-induced oxidative stress: A spectroscopic, theoretical and DNA damage study. Food and Chemical Toxicology, 2017, 110, 340-350.	3.6	55
14	Oxidation of sterols: Energetics of Câ€“H and Oâ€“H bond cleavage. Food Chemistry, 2012, 133, 1435-1440.	8.2	54
15	Vibrational wave packet induced oscillations in two-dimensional electronic spectra. II. Theory. Journal of Chemical Physics, 2010, 132, .	3.0	53
16	Effect of N-Substituents on Redox, Optical, and Electronic Properties of Naphthalene Bisimides Used for Field-Effect Transistors Fabrication. Journal of Physical Chemistry B, 2010, 114, 1803-1809.	2.6	51
17	Ultrafast photo-induced charge transfer unveiled by two-dimensional electronic spectroscopy. Journal of Chemical Physics, 2012, 136, 204503.	3.0	49
18	Electronic ground state conformers of Î²-carotene and their role in ultrafast spectroscopy. Chemical Physics Letters, 2011, 506, 122-127.	2.6	40

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19	Study of natural anthraquinone colorants by EPR and UV/vis spectroscopy. Dyes and Pigments, 2016, 132, 79-93.	3.7	39
20	Vibronic energy relaxation approach highlighting deactivation pathways in carotenoids. Physical Chemistry Chemical Physics, 2015, 17, 19491-19499.	2.8	34
21	From phenols to quinones: Thermodynamics of radical scavenging activity of para-substituted phenols. Phytochemistry, 2019, 166, 112077.	2.9	34
22	DFT/B3LYP study of the substituent effect on the reaction enthalpies of the individual steps of sequential proton loss electron transfer mechanism of phenols antioxidant action: Correlation with phenolic CO bond length. Computational and Theoretical Chemistry, 2007, 805, 153-160.	1.5	32
23	Effect of substituents on redox, spectroscopic and structural properties of conjugated diaryltetrazinesâ€"a combined experimental and theoretical study. Physical Chemistry Chemical Physics, 2011, 13, 2690-2700.	2.8	32
24	Shape memory effect of dehydrochlorinated crosslinked poly(vinyl chloride). Macromolecular Chemistry and Physics, 1997, 198, 3161-3172.	2.2	28
25	Highly Charged Cations from N,N,Nâ€²,Nâ€²-Tetrakis(4-aminophenyl)benzidine and Its N,N,Nâ€²,Nâ€²-Tetrakis(4-methoxyphenyl)-Substituted Homologue Studied by Thin-Layer in Situ Electron Spin Resonance/UVâ^'Visâ^'NIR Spectroelectrochemistry. Journal of Physical Chemistry B, 2010, 114, 4451-4460.	2.6	28
26	On the enthalpies of homolytic and heterolytic Sâ€"H bond cleavage in para and meta substituted thiophenols. Computational and Theoretical Chemistry, 2011, 967, 273-283.	2.5	28
27	Physicochemical and biological properties of luteolin-7-O-Î²-d-glucoside (cynaroside) isolated from Anthriscus sylvestris (L.) Hoffm.. Monatshefte FÃ¼r Chemie, 2014, 145, 1307-1318.	1.8	25
28	On relativistic effects in ground state potential curves of Zn₂, Cd₂, and Hg₂ dimers. A CCSD(T) study. Journal of Computational Chemistry, 2009, 30, 65-74.	3.3	24
29	Charged States of 1,3,5-Triazine Molecules as Models for Star-shaped Molecular Architecture: A DFT and Spectroelectrochemcial Study. Journal of Physical Chemistry B, 2011, 115, 3344-3353.	2.6	23
30	Torsional potentials and full-dimensional simulation of electronic absorption and fluorescence spectra of para-phenylene oligomers using the semiempirical self-consistent charge density-functional tight binding approach. Journal of Chemical Physics, 2008, 129, 164905.	3.0	21
31	The validation of quantum chemical lipophilicity prediction of alcohols. Acta Chimica Slovaca, 2016, 9, 89-94.	0.8	21
32	The applicability of AM1 and PM3 semi-empirical methods for the study of Nâ€"H bond dissociation enthalpies and ionisation potentials of amine type antioxidants. Polymer Degradation and Stability, 2006, 91, 262-270.	5.8	20
33	Thermodynamic study of vitamin B6 antioxidant potential. Computational and Theoretical Chemistry, 2016, 1077, 32-38.	2.5	20
34	A study of the energetics of antioxidant action of p-phenylenediamines. Polymer Degradation and Stability, 2005, 88, 548-554.	5.8	18
35	On the structure and physical origin of van der Waals interaction in zinc, cadmium and mercury dimers. Chemical Physics Letters, 2006, 424, 199-203.	2.6	18
36	Theoretical investigation of the structure and the electron-vibrational dynamics of 9,9â€²-spirobifluorene. Chemical Physics, 2008, 349, 226-233.	1.9	18

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37	Two-dimensional electronic spectra of an aggregating dye: simultaneous measurement of monomeric and dimeric line-shapes. Physical Chemistry Chemical Physics, 2009, 11, 5986.	2.8	18
38	Optical properties of furanic and thiophenic ethane-1,2-diones. Synthetic Metals, 2003, 138, 399-408.	3.9	17
39	On the toxicity of para-substituted phenols and their quinone metabolites: Quantum chemical study. Chemical Physics Letters, 2018, 709, 71-76.	2.6	17
40	Interaction energy anisotropy of the pyrrole dimer: ab initio theoretical study. Theoretical Chemistry Accounts, 1999, 101, 319-324.	1.4	16
41	Perturbation calculation of the interaction energy using orthogonalized orbitals. Theoretical Chemistry Accounts, 1998, 99, 53-59.	1.4	15
42	Non-linear optical properties of new bridged bis-thienyls. Synthetic Metals, 2001, 124, 279-286.	3.9	15
43	Synthesis, theoretical characterisation and spectra of thiopheneâ€“fluorene Ï€-conjugated derivatives. Synthetic Metals, 2005, 148, 179-186.	3.9	15
44	Stable Radical Trianions from Reversibly Formed Sigma-Dimers of Selenadiazoloquinolones Studied by In Situ EPR/UVâ€“vis Spectroelectrochemistry and Quantum Chemical Calculations. Journal of Physical Chemistry A, 2012, 116, 9919-9927.	2.5	15
45	Theoretical Study of Structure, Electronic Properties, and Photophysics of Cyano-Substituted Thiophenes and Terthiophenes. Journal of Physical Chemistry A, 2008, 112, 10931-10938.	2.5	14
46	Homolytic Nâ€“H bond cleavage in anilines: Energetics and substituent effect. Computational and Theoretical Chemistry, 2013, 1014, 60-67.	2.5	14
47	Synthesis and Optical Properties of Various Thienyl Derivatives of Pyrene. Journal of Fluorescence, 2014, 24, 153-160.	2.5	14
48	The ab initio study of halogen and hydrogen Ïƒ N -bonded para -substituted pyridineâ‹¯(X 2 /XY/HX) complexes. Chemical Physics Letters, 2015, 619, 7-13.	2.6	14
49	Solvent- and concentration-induced self-assembly of an amphiphilic perylene dye. New Journal of Chemistry, 2020, 44, 892-899.	2.8	14
50	Theoretical study of structure and electronic properties of cyano-substituted pyrroles. Chemical Physics, 2008, 353, 177-184.	1.9	13
51	TORSIONAL POTENTIALS AND FULL-DIMENSIONAL SIMULATION OF ELECTRONIC ABSORPTION SPECTRA OF para-PHENYLENEVINYLENE OLIGOMERS USING SEMIEMPIRICAL HAMILTONIANS. Journal of Theoretical and Computational Chemistry, 2010, 09, 249-263.	1.8	13
52	Charged States of Î±,Ï‰-Dicyano Î²,Î²â€²-Dibutylquaterthiophene as Studied by in Situ ESR UVâ^'Vis NIR Spectroelectrochemistry. Journal of Physical Chemistry A, 2010, 114, 11545-11551.	2.5	13
53	Theoretical and spectroscopic study of ethyl 1,4-dihydro-4-oxoquinoline-3-carboxylate and its 6-fluoro and 8-nitro derivatives in neutral and radical anion forms. Journal of Molecular Structure, 2011, 994, 61-69.	3.6	12
54	Design of Novel Generations of Planar Sunflower Molecules: Theoretical Comparative Study of Electronic Structure and Charge Transport Characteristics. Journal of Physical Chemistry C, 2019, 123, 22752-22766.	3.1	12

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55	Perturbative calculation of the Hartree-Fock interaction energy using orthogonalized orbitals. International Journal of Quantum Chemistry, 1999, 75, 81-88.	2.0	11
56	Optical properties of 2,3-diaza-1,3-butadiene bridged oligothiophenes. Synthetic Metals, 2002, 129, 85-94.	3.9	11
57	Structure, electronic and optical characterization of oligothiophenes terminated with (9H-fluoren-9-ylidene)methyl chromophores. Synthetic Metals, 2007, 157, 770-778.	3.9	11
58	Theoretical study of structural and optical properties of lithium cation complexes with dimethyl sulfoxide. Computational and Theoretical Chemistry, 2011, 963, 503-509.	2.5	10
59	Density-functional theoretical study of fluorination effect on the electronic structure and electron drift mobilities of symmetric pentacene derivatives. Synthetic Metals, 2018, 240, 67-76.	3.9	10
60	On the Relation Between Conformational Changes and Optical Properties in Oligothiophenes, 2. Linear and Nonlinear Optical Properties. Macromolecular Theory and Simulations, 2001, 10, 592-599.	1.4	9
61	Density Matrix Analysis, Simulation, and Measurements of Electronic Absorption and Fluorescence Spectra of Spirobifluorenes. Journal of Physical Chemistry A, 2006, 110, 1775-1782.	2.5	9
62	The experimental and theoretical characterisation of the phenyl-perfluorophenyl Ï€â€“Ï€ and hydrogen bond interactions in the aldimine co-crystal. Chemical Physics, 2006, 326, 271-280.	1.9	9
63	Theoretical Study of the Relations between Structure and Photophysical Properties of Model Oligofluorenes with Central Keto Defect. Journal of Physical Chemistry A, 2009, 113, 14141-14149.	2.5	9
64	Photoinduced processes of 3-substituted 6-fluoro-1,4-dihydro-4-oxoquinoline derivatives: A theoretical and spectroscopic study. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 211, 47-58.	3.9	9
65	Alternative charge stabilisation and a changing reactivity of 1,3,5-triazine based starburst compounds as studied by in situ ESR/UVâ€“visâ€“NIR spectroelectrochemistry. Electrochemistry Communications, 2010, 12, 513-516.	4.7	9
66	On the geometrical structure and spectral properties of pyrene monomer and sterically constrained intramolecular pyrene dimers. Chemical Physics, 2010, 377, 123-131.	1.9	9
67	Regioregular electrochromic polymers based on thienyl derivatives of fluorescent pyrene monomers: Optical properties, spectroelectrochemistry and quantum chemical study. Electrochimica Acta, 2014, 122, 57-65.	5.2	9
68	Relativistic effects in HgHe and HgXe CCSD(T) ground state potential curves. Lowâ€density viscosity simulations of Hg:Xe mixture. Journal of Computational Chemistry, 2011, 32, 356-367.	3.3	8
69	On the geometry, electrical properties and optical spectra of spirobifluorene type molecules. Journal of Molecular Structure, 2004, 699, 93-99.	3.6	7
70	Thermochromism of bithiophenes and internal aromatic chain rotation. Computational and Theoretical Chemistry, 2007, 820, 35-39.	1.5	7
71	Theoretical study of structural and optical properties of regioregular head-to-tail oligo (3-n-octylthiophene) and related star molecules. Computational and Theoretical Chemistry, 2009, 910, 104-111.	1.5	7
72	Effects of the CN and NH2 substitutions on the geometrical and optical properties of model vinylfluorenes, based on DFT calculations. Computational and Theoretical Chemistry, 2010, 939, 75-81.	1.5	7

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73	On the Electrochemistry and Spectroelectrochemistry of Small Model Starâ€Shaped Compounds: 1,3,5â€Triarylâ€1â€Methoxybenzenes and 2,4,6â€Triarylâ€1,3,5â€Trimethoxybenzenes. ChemPhysChem, 2012, 13, 2322-2330.	2.1	7
74	Intermolecular and intramolecular coupling in charged monosubstituted hexapyrrolylbenzenes. Electrochimica Acta, 2007, 52, 7885-7894.	5.2	6
75	Charged states in diphenylamino endcapped thiophenes with a 1,4-phenylene core: In situ electron spin resonance/ultravioletâ€“visibleâ€“near infrared and nuclear magnetic resonance spectroelectrochemistry and quantum chemical study. Electrochimica Acta, 2013, 110, 670-680.	5.2	6
76	The synthesis and examination of spectral properties of some 2,2â€²-bithienyl derivatives with carbonyl-containing substituents. Synthetic Metals, 2013, 165, 17-26.	3.9	6
77	Solvent effect on the anodic oxidation of tannic acids: EPR/UVâ€“Vis spectroelectrochemical and DFT theoretical study. Journal of Solid State Electrochemistry, 2015, 19, 2533-2544.	2.5	6
78	Radical anions of quinoxalines (an in situ electron paramagnetic resonance spectroelectrochemical) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.5	6
79	Theoretical and experimental study of model oligothiophenes containing 1-methylene-2-(perfluorophenyl)hydrazine terminal unit. Synthetic Metals, 2016, 219, 83-92.	3.9	6
80	Electronic structure and charge-transport properties of symmetric linear condensed bis-benzothiadiazole derivatives. Journal of Molecular Structure, 2019, 1175, 297-306.	3.6	6
81	On the optical properties of fluoranthenopyracylene ladder type molecule series. Synthetic Metals, 2007, 157, 214-221.	3.9	5
82	Ab initio calculation of structure and transport properties of Heâ€¦X (X = Zn, Cd, Hg) van der Waals complexes. Journal of Computational Chemistry, 2012, 33, 767-778.	3.3	5
83	Substitution and torsional effects on the energetics of homolytic Nâ€“H bond cleavage in diphenylamines. Polymer Degradation and Stability, 2015, 114, 37-44.	5.8	5
84	Thermodynamics of radical scavenging of symmetric carotenoids and their charged species. Food Chemistry, 2018, 268, 542-549.	8.2	5
85	Theoretical comparative study of promising semiconducting aromatic molecules and their fluorinated counterparts. Synthetic Metals, 2020, 260, 116263.	3.9	5
86	On the NH and CH acidities of toluidine isomers: theoretical description and practical consequences for the synthesis of certain aniline dyes. Coloration Technology, 2021, 137, 389-398.	1.5	5
87	On the Structure and Physical Origin of the Weak Interaction Between H and CO. Collection of Czechoslovak Chemical Communications, 2004, 69, 1-12.	1.0	4
88	Density functional study of structural and opto-electronical properties of fluoranthenopyracylene oligomers in their neutral and oxidized forms. Computational and Theoretical Chemistry, 2006, 776, 69-75.	1.5	4
89	Structural Changes in 2â€Diarylthiopheneâ€Substituted Starburst Compounds upon Charging: A Theoretical and Spectroelectrochemical Study. ChemPhysChem, 2008, 9, 2501-2509.	2.1	4
90	Experimental and Theoretical Study of Model Ladder Fluoranthenopyracylene with Two-Dimensional Ï€-Conjugation upon Charging:â€‰ Structure and Optical Properties. Journal of Physical Chemistry C, 2008, 112, 3949-3958.	3.1	4

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91	Anodic oxidation of selenadiazoloquinolones in alkaline media. Magnetic Resonance in Chemistry, 2011, 49, 168-174.	1.9	4
92	Photoinduced decarboxylation of 9â€oxoâ€6,9â€dihydro[1,2,5]selenadiazolo[3,4â€‹f]quinolineâ€8â€carboxylic acid. Journal of Physical Organic Chemistry, 2012, 25, 643-648.	1.9	4
93	Substitution effect on the intermolecular halogen and hydrogen bonds of the Ïƒâ€bonded fluorinated pyridineÂ·Â·Â·XY/HX complexes (XYâ€‰=â€‰F₂, Cl₂, ClF; HXâ€‰=â€‰HF, HCl). International Journal of Quantum Chemistry, 2014, 114, 869-878.	2.1	4
94	Conversion of hydrazides into N,Nâ€²-diacylhydrazines in the presence of a ruthenium(ii)â€“arene complex. New Journal of Chemistry, 2017, 41, 6857-6865.	2.8	4
95	Polyradical PROXYL/TEMPOâ€Derived Amides: Synthesis, Physicochemical Studies, DFT Calculations, and Antimicrobial Activity. ChemPlusChem, 2017, 82, 1326-1340.	2.8	4
96	Manifestation of copper coordination sphere plasticity in [Cu2(2-bromopropionato)4]n and [Cu2(3-bromopropionato)4(H2O)2]. Inorganica Chimica Acta, 2018, 479, 106-112.	2.4	4
97	Tuning Redox Properties and Selfâ€Assembly of Thienoaceneâ€Extended Tetrathiafulvalenes. ChemPlusChem, 2019, 84, 1279-1287.	2.8	4
98	On the Viscosity and Physical Origin of Stability of Weakly Bound Complexes CdZn, HgZn and HgCd. Collection of Czechoslovak Chemical Communications, 2007, 72, 363-378.	1.0	4
99	Theoretical study of a series of phenol derivatives: molecular properties vs. cytotoxicity. Acta Chimica Slovaca, 2017, 10, 91-95.	0.8	4
100	B3LYP Study of 3-hydroxynaphthalene-2-carboxanilide para-derivatives. Acta Chimica Slovenica, 2018, 65, 23-33.	0.6	4
101	Nature of interaction energy anisotropy in the Li(2S)â€“HF (ËœX1Î£+) van der Waals complex. A theoretical study. Theoretical Chemistry Accounts, 2003, 109, 316-325.	1.4	3
102	On the structure and physical origin of the interaction in H2â‹¯Clâ^' and H2â‹¯Brâ^' van der Waals anion complexes. Journal of Chemical Physics, 2004, 121, 5852-5859.	3.0	3
103	Quantum chemical and experimental study of 1,2,4-trihydroxy-para-menthane. Journal of Molecular Structure, 2013, 1049, 494-501.	3.6	3
104	Chelates of 3- and 5-hydroxyflavone: Quantum chemical study. Chemical Physics Letters, 2021, 762, 138142.	2.6	3
105	On the diffusion coefficients and stability of van der Waals complex Hgâ€¦ N₂. International Journal of Quantum Chemistry, 2008, 108, 2150-2158.	2.0	2
106	Semiempirical Molecular Dynamics Study of Empty C₂(3)-C₈₂ Fullerene in Neutral and Charged Forms: Geometrical and Spectroscopic Characterization. Journal of Physical Chemistry C, 2009, 113, 19658-19663.	3.1	2
107	On the applicability of the molecular dynamics SCC-DFTB treatment on optical spectra simulations for thiophene and phenyl containing oligomers. Computational and Theoretical Chemistry, 2012, 999, 55-65.	2.5	2
108	Combined Spectroelectrochemical and Theoretical Study of Electron-Rich Dendritic 2,5-Diaminothiophene Derivatives: N,N,Nâ€²,Nâ€²-Tetrakis-(4-diphenylamino-phenyl)-thiophene-2,5-diamine. Journal of Physical Chemistry A, 2013, 117, 6702-6711.	2.5	2

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109	Electronic structure and spectroscopic properties of (2S,3S)-2,3-diphenyl-5,6-diheteroaryl-2,3-dihydropyrazines and their model oligomers. Synthetic Metals, 2015, 199, 319-328.	3.9	2
110	Theoretical and experimental study of donor-bridge-acceptor system: model 2-[5-(9H-fluoren-9-ylidenemethyl)thiophen-2-yl]-1,3,4-oxadiazole derivatives. Monatshefte FÃ¼r Chemie, 2016, 147, 2103-2112.	1.8	2
111	Water liquid-vapor equilibrium by molecular dynamics: Alternative equilibrium pressure estimation. Acta Chimica Slovaca, 2016, 9, 36-43.	0.8	2
112	Thermodynamic prediction of proton and hydrogen atom abstraction in dehydroascorbic acid and its bicyclic form. Acta Chimica Slovaca, 2021, 14, 32-37.	0.8	2
113	The computational analysis and modelling of substitution effects on hydrolysis of formanilides in acidic aqueous solutions. Chemical Physics Letters, 2017, 687, 66-72.	2.6	2
114	On local aromaticity of selected model aza-[n]circulenes (n = 6, 7, 8 and 9): Density functional theoretical study. Acta Chimica Slovaca, 2019, 12, 70-81.	0.8	2
115	Theoretical modeling of optical spectra of N(1) and N(10) substituted lumichrome derivatives. Acta Chimica Slovaca, 2020, 13, 1-9.	0.8	2
116	Ab initio Study of the Li-CO van der Waals Complex. Collection of Czechoslovak Chemical Communications, 2003, 68, 35-46.	1.0	1
117	Theoretical Study of H2...I- van der Waals Anion Complex. Collection of Czechoslovak Chemical Communications, 2005, 70, 797-810.	1.0	1
118	Ab initio study of Hg(1S0)â‹¯ van der Waals complex. Chemical Physics, 2008, 349, 32-36.	1.9	1
119	Theoretical Study of the vdW Complex CdÂ·Â·Â·N2. Collection of Czechoslovak Chemical Communications, 2008, 73, 1357-1371.	1.0	1
120	Ab initio X10+ground state potential curves of Pbâ‹¯RG dimers (RG = He, Ne, Ar) including spinâ€“orbit effects. Simulation of diffusion coefficients. Physical Chemistry Chemical Physics, 2014, 16, 18519.	2.8	1
121	Theoretical study of the substituent effect on the hydrogen atom transfer mechanism of meta- and para-substituted benzenetellurols. Computational and Theoretical Chemistry, 2016, 1079, 64-69.	2.5	1
122	The structural analysis and modelling of ring substituent effect for the ortho-derivatives of 1-hydroxynaphthalene-2-carboxanilides and 2-hydroxynaphthalene-1-carboxanilides. Journal of Molecular Structure, 2017, 1144, 473-481.	3.6	1
123	Adamantane Substitution Effects on Crystallization and Electrooptical Properties of Epindolidione and Quinacridone Dyes. ChemPhotoChem, 0, , .	3.0	1
124	THEORETICAL STUDY OF PRIMARY ANTIOXIDANT ACTION THERMODYNAMICS. Journal of the Serbian Society for Computational Mechanics, 2017, 11, 130-138.	0.4	1
125	Quantum chemical study of electron structure and charge transport properties of symmetric acenequinones. Acta Chimica Slovaca, 2018, 11, 83-93.	0.8	1
126	Electronic Excitations in a Ladder Type Fluoranthenopyracylene in its Neutral and Charged States: A Theoretical and Experimental Study. Zeitschrift Fur Physikalische Chemie, 2007, 221, 911-928.	2.8	0

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127	The synthesis and electron structure of oligothiophenes terminated with (10H-anthracen-9-one) methylene chromophores. Synthetic Metals, 2009, 159, 604-612.	3.9	0
128	5,7,8,10,15,17,18,20-Octaphenyl-21,23-dithiaporphyrin: synthesis, structure and spectroelectrochemistry. Journal of Solid State Electrochemistry, 2015, 19, 123-134.	2.5	0
129	Theoretical study of lumichrome, 1-methyl-lumichrome and lumiflavin binding ability with thymine. Acta Chimica Slovaca, 2021, 14, 7-13.	0.8	0
130	On the energetics of radical adduct formation of OH^{â€¢} with phenol analogs and aniline. Acta Chimica Slovaca, 2022, 15, 12-17.	0.8	0