Development of the Colle-Salvetti correlation-energy fo electron density

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Citation Report

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36099	A structural and spectroscopic study on para-aminohippuric acid with experimental and theoretical approaches. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 85, 241-250.	2.0	13
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36101	Determination of structural and vibrational spectroscopic properties of 2-, 3-, 4-nitrobenzenesulfonamide using FT-IR and FT-Raman experimental techniques and DFT quantum chemical calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 85, 261-270.	2.0	24
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36127	Synthesis, characterization and DFT study of methoxybenzylidene containing chromophores for DSSC materials. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 91, 239-243.	2.0	46
36128	Single crystal structure, spectroscopic (FT-IR, FT-Raman, 1H NMR, 13C NMR) studies, physico-chemical properties and theoretical calculations of 1-(4-chlorophenyl)-3-(4-nitrophenyl)triazene. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 90, 193-201.	2.0	17
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36141	The spectroscopic (FT-IR, FT-Raman, UV) and first order hyperpolarizability, HOMO and LUMO analysis of 3-aminobenzophenone by density functional method. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 92, 365-376.	2.0	26
36142	Molecular structure, heteronuclear resonance assisted hydrogen bond analysis, chemical reactivity and first hyperpolarizability of a novel ethyl-4-{[(2,4-dinitrophenyl)-hydrazono]-ethyl}-3,5-dimethyl-1H-pyrrole-2-carboxylate: A combined DFT and AIM approach. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 92, 295-304.	2.0	32
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45175	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î¶</mml:mi></mml:math>phase and its transition from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>É›</mml:mi></mml:math>phase at	1.1	15
45176	Charge transport and exciton dissociation in organic solar cells consisting of dipolar donors mixed with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>70</mml:mn></mml:msub></mml:math>. Physical Review B, 2015, 92, .	1.1	47
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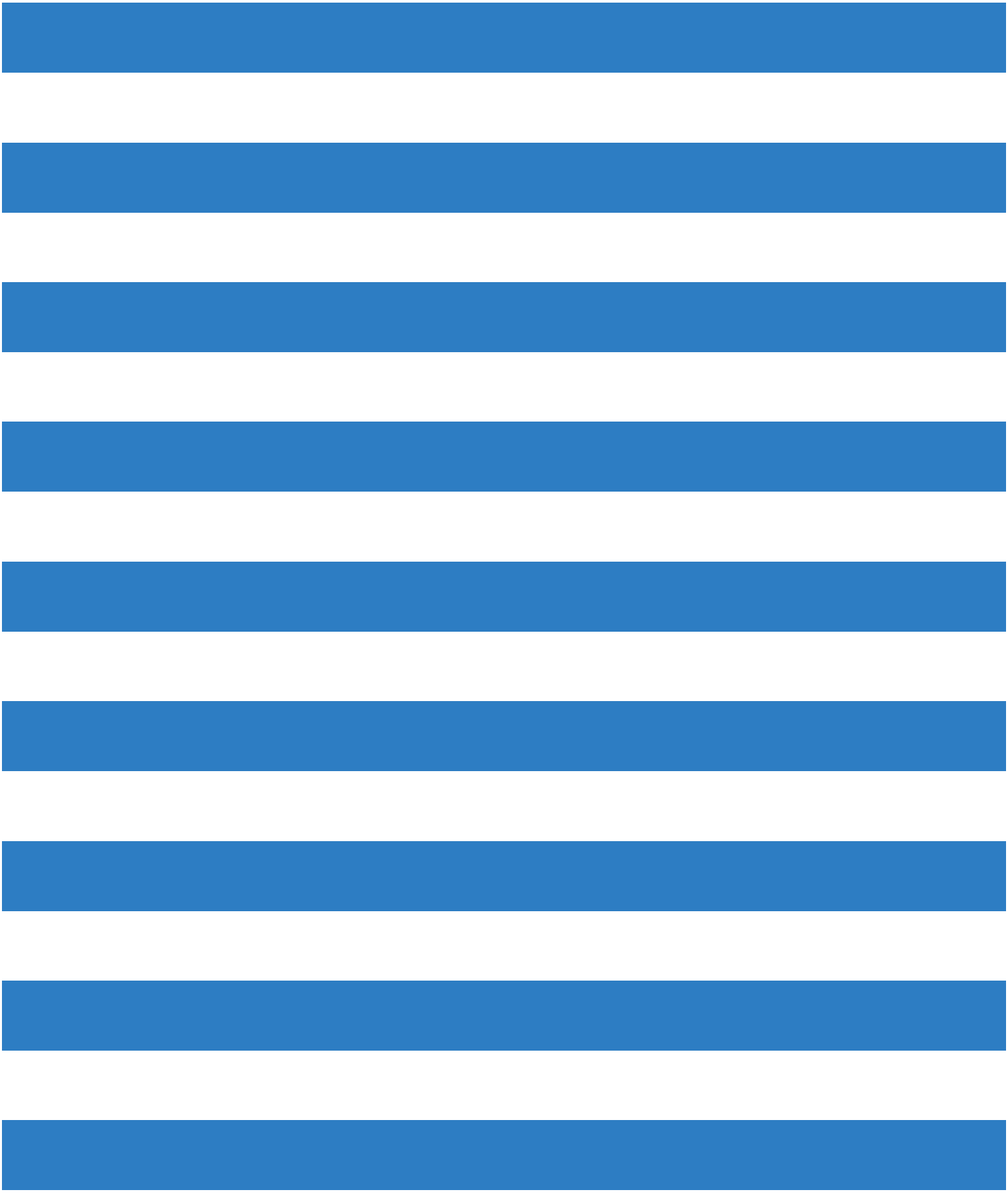

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