

Publications

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No	Name of the Journal	Title of the article	Author(s) Name	National /International Foreign	Month ,Year Vol & Page
1.	ActaCrystallographica Section E	2-Acetylsulfanyl)pyridineN-oxide doi.org/10.1107/S1600536805022415	Samuel Robinson Jebas, Thailampillai Balasubramanian, Balasingh Ravindran Durai Nayagam and Sudalaiandi Kumaresan	International Foreign	E61, o2677–o2678, 2005
2.	Indian Journal of Chemistry	Single crystal XRD structural elucidation of 1-oxopyridinium 2-thioacetic acid http://hdl.handle.net/123456789/9241	Sudalaiandi Kumaresan, Palani Rarnadevi , Balasingh Ravindran Durainayagam and Rosa Walsh	National	Vol. 448, 2564-2568, 2005
3.	ActaCrystallographica Section E	Hexaaquamanganese(II) bis[2-(carboxylatomethyl-sulfanyl)pyridine N-oxide] doi.org/10.1107/S1600536806013237	Samuel Robinson Jebas, Balasingh Ravindran Durai Nayagam and Thailampillai Balasubramanian	International Foreign	E64, o409, 2008
4	ActaCrystallographica Section E	2,2'-[2,3,5,6-Tetramethyl-p-phenylenebis(methylenethio)]bis(pyridine N-oxide) doi.org/10.1107/S1600536807068766	B. Ravindran Durai Nayagam, Samuel Robinson Jebas, Selvarathi Grace and Dieter Schollmeyer	International Foreign	E64, o409, 2008
5	ActaCrystallographica Section E	cis-Bis(2-sulfidopyridine N-oxide)platinum(II) doi.org/10.1107/S1600536808002006	Ravindran Durai Nayagam, Samuel Robinson Jebas and Dieter Schollmeyer	International Foreign	(2008). E64, m425
6	ActaCrystallographica Section E	2-(Benzylsulfanyl)pyridineN-oxide doi.org/10.1107/S1600536808011446	B. Ravindran Durai Nayagam, Samuel Robinson Jebas, H. Johnson Jeyakumar and Dieter Schollmeyer	International Foreign	(2008). E64, o928
7	ActaCrystallographica Section E	Chlorido(dimethyl sulfoxide)(pyridine-2-thiolato N-oxide-κ ² S,O)platinum(II) doi.org/10.1107/S1600536808019041	B. Ravindran Durai Nayagam, Samuel Robinson Jebas, P. Selvarathy Grace and Dieter Schollmeyer	International Foreign	(2008). E64, m 975.
8	ActaCrystallographica Section E	2-(Mesitylmethylsulfanyl)pyridineN-oxide-18-crown-6 (2/1)	B. Ravindran Durai Nayagam, Samuel Robinson Jebas, J. Jebaraj	International Foreign	(2008). E64, o976.

		doi.org/10.1107/S1600536808012403	Devadasan and Dieter Schollmeyer		
9	Acta Crystallographica Section E	2,4,6-Tris(1-oxo-2-pyridylsulfanylmethyl)mesitylene methanol solvate doi.org/10.1107/S1600536808013081	Ravindran Durai Nayagam, Samuel Robinson Jebas, C. Ravi Samuelraj and Dieter Schollmeyer	International Foreign	(2008). E64, o1036.
10	Acta Crystallographica Section E	Octaakis (4-aminopyridine)-1K ⁴ N ^{1,2} K ⁴ N ¹ -aqua-2KO ₂ -μ-l-carbonato-1:2K ³ O ₂ O ⁴ :O ² :O ² -dinickel(II) dichloride pentahydrate doi.org/10.1107/S1600536808033321	Hoong-Kun Fun, A Sinthiya, Samuel Robinson Jebas, B. Ravindran Durai Nayagam and S. Alfred Cecil Raj	International Foreign	(2008). E64, m1436–m1437
11	Acta Crystallographica Section E	2-(Mesitylmethylsulfanyl)pyridine N-oxide monohydrate doi.org/10.1107/S1600536808029255	B. Ravindran Durai Nayagam, Samuel Robinson Jebas, H. Johnson Jeyakumar and Dieter Schollmeyer	International Foreign	(2008). E64, o1952.
12	Acta Crystallographica Section E	2-(2,3,5,6-Tetramethylbenzylsulfanyl)pyridine N-oxide doi.org/10.1107/S1600536808029747	B. Ravindran Durai Nayagam, Samuel Robinson Jebas, J. Jebaraj Devadasan and Dieter Schollmeyer	International Foreign	2008). E64, o1975
13	Acta Crystallographica Section E	Tetrakis{2,4-bis[(1-oxo-2-pyridyl)sulfanylmethyl]mesitylene}acetonehemisolvate 11.5-hydrate doi.org/10.1107/S1600536808040233	B. Ravindran Durai Nayagam, Samuel Robinson Jebas, P. Selvarathy Grace and Dieter	International Foreign	(2009). E65, o129.
14	Acta Crystallographica Section E	Tetraaquabis[3-(2-pyridylsulfanyl)propionato N-oxide]nickel(II) doi.org/10.1107/S1600536809011283	B. Ravindran Durai Nayagam, Samuel Robinson Jebas, J. P. Edward Rajkumar and Dieter Schollmeyer	International Foreign	E(2009). E65, m470.
15	Acta Crystallographica Section E	Bis(4-aminopyridinium) tetrachloride cobaltate(II) doi.org/10.1107/S1600536809013270	Samuel Robinson Jebas, A. Sinthiya, B. Ravindran Durai Nayagam, Dieter Schollmeyer and S. Alfred Cecil Raj	International Foreign	Section E(2009). E65, m521.
16	Acta Crystallographica Section E	1-Mesitylmethyl-1H-benzotriazole 3-oxide doi:10.1107/S1600536810004824	B. Ravindran Durai Nayagam, Samuel Robinson Jebas, J. Shakina, R. Murugesan. and Dieter Schollmeyer	International Foreign	(2010). E66, o637.
17	Acta Crystallographica Section E	1-(2,3,5,6-Tetramethylbenzyloxy)-1H-benzotriazole	B. Ravindran Durai Nayagam, Samuel Robinson Jebas, J. P	International Foreign	(2009). E65, o917.

		doi.org/10.1107/S1600536809010794	Edward Rajkumar and Dieter Schollmeyer		
18	Acta Crystallographica Section E	1, 1'-[2,3,5,6-Tetramethyl-p-phenylenebis(methyleneoxy)]di-1H-benzotriazole doi.org/10.1107/S1600536809010782	B. Ravindran Durai Nayagam, Samuel Robinson Jebas, Caroline Daisy and Dieter Schollmeyer	International Foreign	(2009).E65, o918
19	Acta Crystallographica Section C	4-Aminopyridinium 4-aminobenzoate dihydrate and 4-aminopyridinium nicotinate doi.org/10.1107/S0108270109021106	Samuel Robinson Jebas, A. Sinthiya, B. Ravindran Durai Nayagam, Dieter Schollmeyer and S. Alfred Cecil Raj	International Foreign	(2009).C65, o361–o364
20	Acta Crystallographica Section	catena-Poly[[aqua sodium(I)]-μ-[2,2'-(disulfanediy)bis-(pyridine N-oxide)]-μ-(pyridine-2-thiolato-1-oxide)] doi.org/10.1107/S1600536810000073	B. Ravindran Durai Nayagam, Samuel Robinson Jebas, J. Jebaraj Devadasan, R. Murugesan and Dieter Schollmeyer	International Foreign	(2010).E66, m142
21	Acta Crystallographica Section	catena-Poly[[[(18-crown-6-κ ⁶ O)potassium]-μ-chlorido-[(1H-benzotriazol-1-ol-κN ³)chloridoplatinum(II)]-μ-(benzotriazol-1-olato-κ ² N ³ :O)] doi.org/10.1107/S1600536810015898	B. Ravindran Durai Nayagam, Samuel Robinson Jebas, J. Shakina, R. Murugesan and Dieter Schollmeyer	International Foreign	(2010).E66, m631
22	Acta Crystallographica Section	Tetra-μ-chlorido-bis(18-crown-6)platinum(II)dipotassium(I) doi.org/10.1107/S1600536810016648	B. Ravindran Durai Nayagam, Samuel Robinson Jebas, D. Kalavathy, R. Murugesan and Dieter Schollmeyer	International Foreign	E66, m667 2010
23	Acta Crystallographica Section	1-Benzyl-1H-benzotriazole doi:10.1107/S1600536812010951	P. Selvarathy Grace, Samuel Robinson Jebas, B. Ravindran Durai Nayagam and Dieter Schollmeyer	International Foreign	2012).E68, o1132.
24	Acta Crystallographica Section	1-Benzyl-1H-benzotriazole doi:10.1107/S1600536812028395	Samuel Robinson Jebas, P. Selvarathy Grace, B. Ravindran Durai Nayagam and Dieter Schollmeyer	International Foreign	(2012).E68, o2239
25	Acta Crystallographica Section	1-Benzyl-1H-benzotriazole 3-oxide-1-hydroxybenzotriazole (1/1) doi.org/10.1107/S1600536812030061	P. Selvarathy Grace, Samuel Robinson Jebas, B. Ravindran Durai Nayagam and Dieter Schollmeyer	International Foreign	(2012).E68, o2399
26	Acta Crystallographica Section	1-Benzyl-1H-benzotriazole 3-oxide monohydrate doi.org/10.1107/S1600536812044868	P. Selvarathy Grace, Samuel Robinson Jebas, B. Ravindran Durai Nayagam and Dieter Schollmeyer	International Foreign	(2012).E68, o3297

27	Chemical Science Review and Letters	Hysteresis, Vibrational resonance and Chaos in Brusselator chemical system under the excitation of amplitude modulated force	S. Guruparan, B. Ravindran Durai Nayagam, V. Ravichandran, V. Chinnathambi and S. Rajasekar,	National	4(15) (2015) 870-879
28	International Journal of Computational and Theoretical Chemistry	Effect of different shape of periodic forces on chaotic oscillation in Brusselator chemical system	S. Guruparan, B. Ravindran Durai Nayagam, S. Jeyakumari and V. Chinnathambi,	National	3(3) (2015) 19-27
29	J. Pure App. Chem. Res.,	Vibrational Resonance in the Classical Morse Oscillator Driven by Narrow-Band and Wide-Band Frequency Modulated Signals	S. Guruparan, B. Ravindran Durai Nayagam, V. Ravichandran, V. Chinnathambi and S. Rajasekar,	National	5(3) (2016) 131-141
30	Journal of Advanced Chemical Sciences,	Bifurcation structures of the classical Morse oscillator under the excitation of different periodic forces	S. Guruparan, B. Ravindran Durai Nayagam, S. Selvaraj, V. Ravichandran and V. Chinnathambi	National	2(1) (2016) 188-191.
31	American Chemical Science Journal	Single Crystal XRD, Bio evaluation and DFT Analysis of 4-Phenylsulfanylbutyric Acid (4PSBA) and Its Cocrystal with 2-Amino-5-nitropyridine (2A5NP) DOI 10.9734/ACSJ/2016/25166	V. Velmurugan, P. Palanisamy, R. Subramanian, N. Bhuvanesh, S. Gomathi, P. Thomas Muthiah, B. Ravindran Durai Nayagam and S. Kumaresan.	International Foreign	13(4): 1-16, 2016, Article no.ACSJ. 25166
32	International Journal of Chemical Studies	Effect of frequency modulated signal on chaotic motion in brusselator chemical reaction	S Kavitha, S Guruparan, B Ravindran Durai Nayagam and V Chinnathambi	National	IJCS 2018; 6(2): 896-899
33	AsianJ.Chem	Single crystal XRD and Quantum chemical studies on proton transfer Co-crystals of 2-amino-5-nitropyridine with phenylthioacetic acid and barbituric acid.	V. Velmurugan, P. Palanisamy, R. Subramanian, N. Bhuvanesh, S. Gomathi, P. Thomas Muthiah, B. Ravindran Durai Nayagam and S. Kumaresan	International Foreign	vol 30 No9(2018) 2116-2128
34	Journal of Chemistry and Chemical Sciences	Synthesis and Spectral Characterization of Derivatives of Benzotriazole and Piperidine',	Selvarathy Grace P, Ravindran Durainayagam B and Pon Matheswari P	National	vol.8, no. 2, pp. 278-287, e-ISSN: 2319-7625.
35	The Pharma Innovation Journal	Anticancer activity of derivatives of 2-Mercaptobenzimidazole – Molecular docking approach	Caroline Daisy, B Ravindran Durai Nayagam and E Vadivel,	National	2018; 7(10): 279-283

36	IUCrData	1,1'-[(2,3,5,6-Tetramethyl-1,4-phenylene)bis(methylene)]dipiperidine https://doi.org/10.1107/S2414314618012373	P. S. Grace, J. S. Nirmalram, and D. Schollmeyer,	International Foreign	(2018). 3, x181237
37	The Pharma Innovation Journal	"Synthesis, characterization and antimicrobial activities of derivative of 2-mercaptobenzimidazole with 2-bromomethylmesitylene	Caroline Daisy and Dr.B. Ravindran Durai Nayagam	National	Dec 2018 volume : 7, Issue : 12: 2018 : 163-169
38	Journal of Chemistry and Chemical Sciences	Synthesis, Characterization and Evaluation of Biological Activity of Pyridine Derivatives	Selvarathy Grace , Pon Matheswari and Ravindran Durainayagam	National	Vol.8(8), 1001-1008, August 2018
39	Journal of Chemical Crystallography	Synthesis, Characterization and Biological Activity of (Phenylthio) Acetic Acid:Theophylline Cocrystal https://doi.org/10.1007/s10870-020-00847-0	V. Velmurugan ¹ · R. Nandini Asha ² · B. Ravindran Durai Nayagam ² · S. Kumaresan ¹ · N. Bhuvanesh ³	International Foreign	<u>July 2020</u>
40	Journal of Molecular Structure	Experimental and theoretical studies of 2-mercaptobenzothiazole with 2-Bromomethylmesitylene and 1,4-Bis(bromomethyl)durene , https://doi.org/10.1016/j.molstruc.2020.128894	Caroline Daisy , R. Nandini Asha , G.S. Suresh Kumar , E. Vadivel , N. Bhuvanesh , B. Ravindran Durai Nayagam	International Foreign	Sep 2020 S0022-2860(20)31219-9
41	Chemical Data Collections	Cocrystallization of 2,4-Diamino-6-phenyl-1,3,5-triazine with β-(phenylthio)propionic acid: Crystal structure, Hirshfeld surface, DFT studies and molecular docking https://doi.org/10.1016/j.cdc.2020.100520	R. Nandini Asha a , V. Vel Murugan b , P. Pon Matheswari a , S. Kumaresan b , N. Bhuvanesh c , B. Ravindran Durai Nayagam a , *	International Foreign	<u>Volume 29</u> , October 2020, 100520
42.	Journal of physical organic chemistry	Experimental and theoretical studies of 1,3,5-tris (bromomethyl)-2,4,6-trimethylbenzene with 2-pyridone https://doi.org/10.1002/poc.4188	R. Nandini Asha M. Usha Rahini, Caroline Daisy B. Ravindran Durai Nayagam, N. Bhuvanesh	International Foreign	<u>Volume 34, Issue 6</u> June 2021

43	Chemical Data Collections	Growth, structural, Hirshfeld surface analysis, DFT validation on the crystal structure of 1, 10-Phenanthroline-1-ium-5,6-dione perchlorate monohydrate https://doi.org/10.1016/j.cdc.2021.100706	S. Kumaresan , R. Nandini Asha , J. Maria Libiyal , V. Arul Selvam , Nattamai Bhuvanesh , B. Ravindran Durai Nayagam	International Foreign	Volume 33 , June 2021, 100706
44	Bioorganic Chemistry	Synthesis, molecular docking, and in silico ADMET studies of 4-benzyl-1-(2,4,6-trimethylbenzyl)-piperidine: Potential Inhibitor of SARS-CoV2 https://doi.org/10.1016/j.bioorg.2021.104967	R. Nandini Asha , B. Ravindran Durai Nayagam, Nattamai Bhuvanesh	International Foreign	Volume 112 , July 2021, 104967
45	Journal of physical organic chemistry	Synthesis, structure, Hirshfeld surface, DFT, and molecular docking studies of a new organic cocrystal creatinine2,3-pyridinedicarboxylic acid https://doi.org/10.1002/poc.4247	P. Pon Matheswari, R. Nandini Asha, Nattamai Bhuvanesh, B. Ravindran Durai Nayagam	International Foreign	2021;e4247.
46	Optik - International Journal for Light and Electron Optics	Investigation on experimental and theoretical studies of NLO active organic single crystal: 3-methyl-1-[(2,3,5,6-tetramethylphenyl)methyl]piperidin-1-ium bromide https://doi.org/10.1016/j.ijleo.2021.167652	R. Nandini Asha, J. Ilavarasi Jeyamalar , B. Ravindran Durai Nayagam, Nattamai Bhuvanesh	International Foreign	245 (2021) 167652