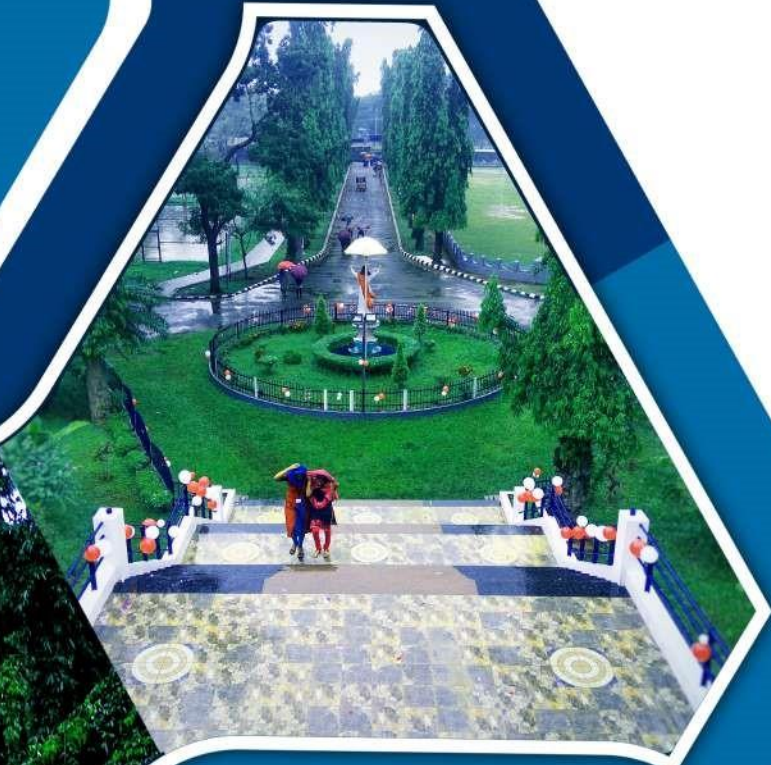


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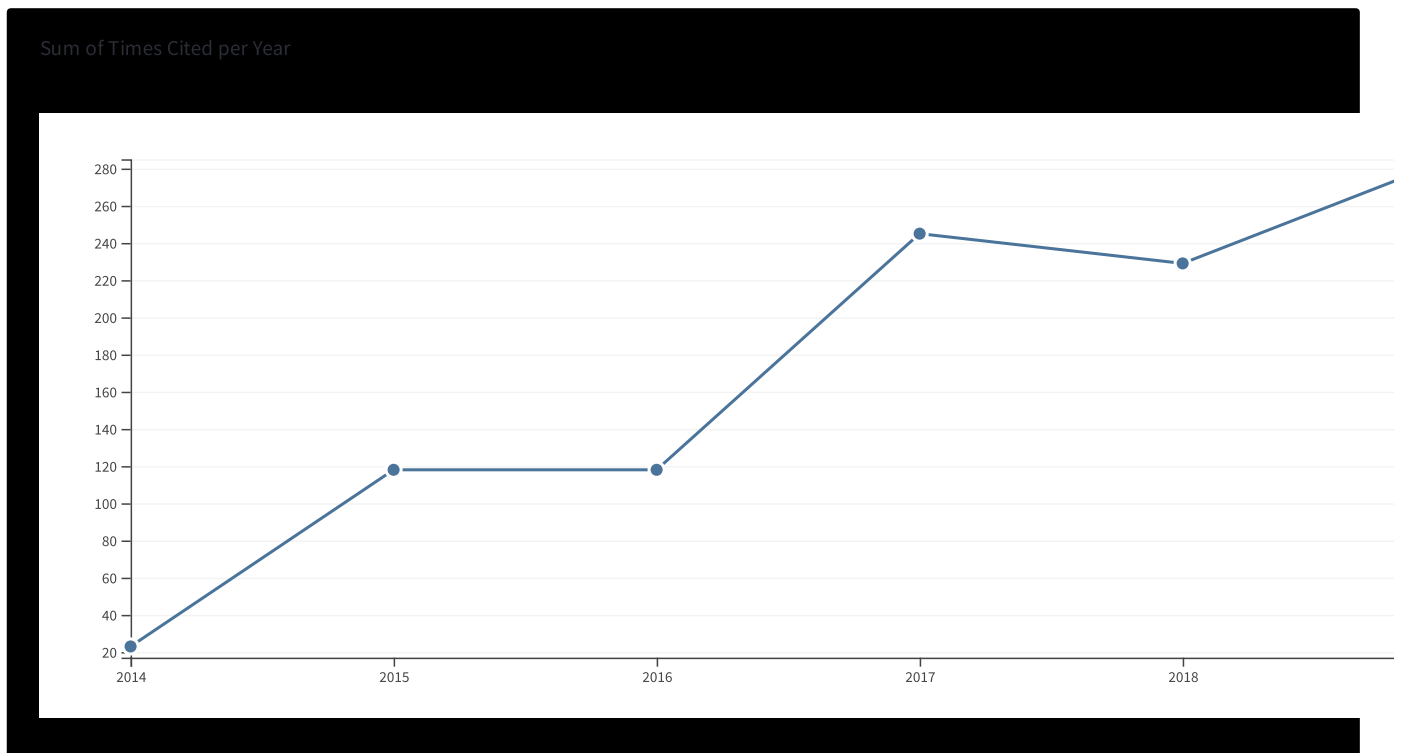
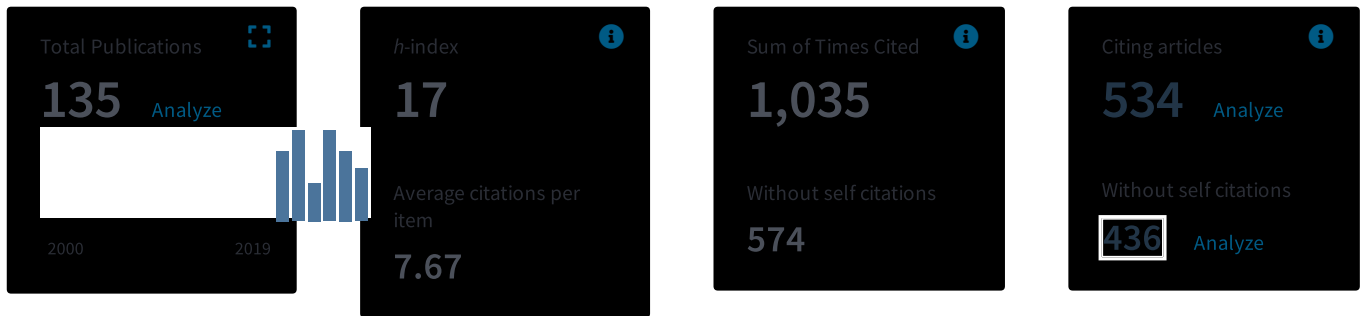
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<input type="checkbox"/> 6. Spectroscopic investigation (FT-IR and FT-Raman), vibrational assignments, HOMO-LUMO analysis and molecular docking study of 2-(Adamantan-1-yl)-5-(4-nitrophenyl)-1,3,4-oxadiazole By: Haress, Nadia G.; Al-Omary, Fatmah; El-Emam, Ali A.; et al. SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY Volume: 135 Pages: 973-983 Published: JAN 25 2015	5	3	6	4	0	22	4.40
<input type="checkbox"/> 7. Spectroscopic characterization of 1-[3-(1H-imidazol-1-yl)propyl]-3-phenylthiourea and assessment of reactive and optoelectronic properties employing DFT calculations and molecular dynamics simulations	0	5	9	6	1	21	7.00

By: War, Javeed Ahmad; Jalaja, K.; Mary, Y. Sheena; et al.
 JOURNAL OF MOLECULAR STRUCTURE Volume: 1129 Pages: 72-85 Published:
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8. **DFT and experimental (FT-IR and FT-Raman) investigation of vibrational spectroscopy and molecular docking studies of 2-(4-oxo-3-phenethyl-3,4-dihydroquinazolin-2-ylthio)-N-(3,4,5-trimethoxyphenyl) acetamide**
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By: El-Azab, Adel S.; Mary, Y. Sheena; Panicker, C. Yohannan; et al.
 JOURNAL OF MOLECULAR STRUCTURE Volume: 1113 Pages: 133-145 Published:
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9. **Spectroscopic and theoretical characterization of 2-(4-methoxyphenyl)-4,5-dimethyl-1H-imidazole 3-oxide**
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By: Benzon, K. B.; Varghese, Hema Tresa; Panicker, C. Yohannan; et al.
 SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR
 SPECTROSCOPY Volume: 151 Pages: 965-979 Published: DEC 5 2015

10. **Molecular structure, FT-IR, FT-Raman, NBO, HOMO and LUMO, MEP, NLO and molecular docking study of 2-[(E)-2-(2-bromophenyl)ethenyl]quinoline-6-carboxylic acid**
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By: Ulahannan, Rajeev T.; Panicker, C. Yohannan; Varghese, Hema Tresa; et al.
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