S. No.	Title	Authors	Journal name	Publication year	Volume	Issue	Page No.
1	Asymmetric total syntheses of (–)-ar-turmerone, (–)-dihydro-ar-turmerone, (–)-ar-dehydrocurcumene, and (–)-ar-himachalene via a key allylic oxidative rearrangement	Arindam Khatua, Souvik Pal, Mrinal K. Das and **Vishnumaya Bisai***	*Tetrahedron Lett.* **Impact Factor**: 2.032	**2021**	*73*	12	153105
2	Concise asymmetric total syntheses of (−)-nuciferol, (−)-nuciferal, and (−)-dihydrocurcumene via Rh(I)-catalyzed boronic acid addition	Souvik Pal, Arindam Khatua, Mrinal K. Das and **Vishnumaya Bisai***	*Tetrahedron Lett.* **Impact Factor**: 2.032	**2021**	*65*	4	152790
3	Catalytic Asymmetric Total Syntheses of (+)-□ -Cuparenone, (+)-Cuparene and (+)-Herbertene	Kundan Shaw, Sovan Niyogi, Rhituparna Nandi, and **Vishnumaya Bisai***	*Tetrahedron Lett.* **Impact Factor**: 2.032	**2020**	*61*	31	152169
4	Formal Total Syntheses of (+)- and (–)-*ar*-Macrocarpene via $Rh^{(I)}$-BINAP Catalyzed Conjugate Addition	Arindam Khatua, Souvik Pal and **Vishnumaya Bisai***	*Eur. J. Org. Chem.* **Impact Factor**: 2.84	**2020**	2020	16	2435
5	Catalytic enantioselective total synthesis of (−)-ar-Tenuifolene	Kundan Shaw, Sovan Niyogi and **Vishnumaya Bisai***	*Tetrahedron Lett.* **Impact Factor**: 2.032	**2020**	*61*	20	151850
6	Catalytic asymmetric total syntheses of sesquiterpenoids, (+)- and (−)-ar-macrocarpene	Arindam Khatua, Avishek Roy and **Vishnumaya Bisai***	*Tetrahedron* **Impact Factor**: 2.457	**2020**	*76*	7	130918
7	Concise total syntheses of (+)- and (−)-ar-macrocarpene	Arindam Khatua, Kundan Shaw and **Vishnumaya Bisai***	*Tetrahedron Lett.* **Impact Factor**: 2.032	**2020**	*61*	14	151736
8	Total Synthesis of (+)-*ar*-Macrocarpene	Arindam Khatua, Sovan Niyogi, and	*Org. Biomol. Chem.* **Impact**	**2019**	*17*	30	7140-7143

		Vishnumaya Bisai*	**Factor**: 3.890				
9	Unified approach to the sesquiterpenoids, lauranes and cyclolauranes: Total Synthesis of (±)-Isolaurene	Sovan Niyogi, Arindam Khatua, and **Vishnumaya Bisai***	*Tetrahedron Lett.* **Impact Factor**: 2.032	**2019**	*60*	33	150941
10	A unified approach to sesquiterpenes sharing trimethyl(p-tolyl) cyclopentanes: Formal total synthesis of (±)-laurokamurene B	Mrinal K. Das, Bidyut K. Dinda, and **Vishnumaya Bisai***	*Tetrahedron Lett.* **Impact Factor**: 2.032	**2019**	*60*	31	2039-2042
11	Review: Biosynthetic Relationships and Total Syntheses of Naturally Occurring Benzo[c]phenanthridine Alkaloids	**Vishnumaya Bisai**,* Saina Shaheeda MK, Aditi Gupta, and Alakesh Bisai*	*Asian J. Org. Chem.* **Impact Factor**: 3.116	**2019**	*8*	7	946-969
12	Review: Diels-Alder Reactions in Creating Complexity in Higher Order Isoprenoids: Proposed Biosynthesis and Biomimetic Total Syntheses	**Vishnumaya Bisai*** and Alakesh Bisai*	*Asian J. Org. Chem*. **Impact Factor**: 3.116	**2018**	7	8	1488
13	Book Chapter: "Protecting-Group-Free Synthesis of Complex Natural Products and Analogues"	**Vishnumaya Bisai*** & Alakesh Bisai*	By Wiley Publishers, Edited by Prof. Rodney A. Fernandes, IIT Bombay	**2018**			
14	Review: 'Naturally Occurring Taiwaniaquinoids: Biosynthetic Relationships and Synthetic Approaches	**Vishnumaya Bisai, *** Aditi Gupta, and Alakesh Bisai*	*ARKIVOC* **Impact Factor**: 0.9	**2018**	VI		57
15	Review: Recent Development on Asymmetric Alkynylations	**Vishnumaya Bisai**, and Vinod K. Singh*	*Tetrahedron Lett.* **Impact Factor**: 2.032	**2016**	*57*	43	4771-4784
16	Approach to Isoindolinones, Isoquinolinones, and THIQs via Lewis Acid-Catalyzed Domino Strecker-Lactamization/Alkylations	D. Sivasankaran, Arun Suneja, **Vishnumaya Bisai**, and Vinod K. Singh*	*Org. Lett.* **Impact Factor**: 6.072	**2016**	*18*	4	634-637

17	Asymmetric Syntheses of Medicinally Important Isoindolinones, (*S*)-PD 172938, (*R*)-JM 1232 and Related Structures	Arun Suneja, **Vishnumaya Bisai** and Vinod K. Singh*	*J. Org. Chem.* **Impact Factor**: 4.335	**2016**	*81*	11	4779-4788
18	Ni(II)-Catalyzed Highly Stereo- and Regioselective Syntheses of Isoindolinones and Isoquinolinones from *in Situ* Prepared Aldimines Triggered by Homoallylation/Lactamization Cascade	Raju Karmakar, Arun Suneja, **Vishnumaya Bisai**, and Vinod K. Singh*	*Org. Lett.* **Impact Factor**: 6.072	**2015**	17	22	5650-5653
19	Unified Approach to Isoindolinones and THIQs *via* Lewis Acid Catalyzed Domino Mukaiyama-Mannich Lactamization Alkylations**:** Application in the Synthesis of Homolaudanosine	D. Sivasankaran, Anirban Kayet, Arun Suneja, **Vishnumaya Bisai** and Vinod K. Singh*	*Org. Lett.* **Impact Factor**: 6.072	**2015**	*17*	11	2780-2783
20	An Efficient Entry to *syn*- and *anti*-Selective Isoindolinones via Organocatalytic Direct Mannich/Lactamization Sequence	**Vishnumaya Bisai**, Rajshekhar Unhale, Arun Suneja, D. Sivasankaran, and Vinod K. Singh*	*Org. Lett.* **Impact Factor**: 6.072	**2015**	*17*	9	2102-2105
21	Asymmetric Alkynylation/Lactamization Cascade: An Expeditious Entry to Enantioenriched Isoindolinones	**Vishnumaya Bisai**, Arun Suneja, and Vinod K. Singh*	*Angew. Chem., Int. Ed.* **Impact Factor**: 16.6	**2014**	53	40	10737-10741
22	A General Catalytic Route to Isoindolinones and Tetrahydroisoquinolines**:** Application in the Synthesis of Crispine A	D. Sivasankaran, **Vishnumaya Bisai**, Rajshekhar Unhale, Arun Suneja, and Vinod K. Singh*	*Org. Lett.* **Impact Factor**: 6.072	**2014**	*16*	23	6068-6071
23	Encyclopedia for Reagents in Organic Synthesis (EROS) on "Benzenecarboperoxoic acid, 1,1-dimethylethyl Ester" published by John and Wiley & Sons Ltd.	Alakesh Bisai, **Vishnumaya Bisai**, and Vinod K. Singh*	EROS	**2012**	-	-	RN01616

24	Review: Organocatalytic Asymmetric Vinylogous Aldol Reaction	**Vishnumaya Bisai***	*Synthesis* **Impact Factor**: 2.969	**2012**	*44*	10	1453-1463
25	Small Molecule Catalyzed Asymmetric Aldol Reaction	**Vishnumaya Bisai**, Alakesh Bisai and Vinod K. Singh*	*Tetrahedron* **Impact Factor**: 2.457	**2012**	*68*	24	4541-4580
26	Methoxypyridines in the Synthesis of *Lycopodium* Alkaloids: Total Synthesis of (±)-Lycoposerramine R	**Vishnumaya Bisai** and Richmond Sarpong*	*Org. Lett.* **Impact Factor**: 6.072	**2010**	*12*	11	2551-2553
27	Highly Enantioselective Water-Compatible Diamine Organocatalyst for Asymmetric Aldol Reaction	**Vishnumaya Bisai** and Vinod K. Singh*	*Synlett* **Impact Factor**: 2.206	**2011**	-	4	481-484
28	Highly Efficient Small Organic molecules for Enantioselective Direct Aldol reaction in Organic and Aqueous Media	Monika Raj, **Vishnumaya**, and Vinod K. Singh*	*Journal of Organic Chemistry* **Impact Factor**: 4.335	**2009**	*74*	11	4289-4297
28	Highly Enantioselective Organocatalytic Direct Aldol Reaction in an Aqueous Medium	**Vishnumaya**, Monika Raj and Vinod K. Singh*	*Org. Lett.* **Impact Factor**: 6.072	**2007**	*9*	13	2593-2595
30	Highly Enantioselective Water-Compatible Organocatalyst for Michael Reaction of Ketones to Nitro-olefins	**Vishnumaya** and Vinod K. Singh*	*Org. Lett.* **Impact Factor**: 6.072	**2007**	*9*	6	1117-1119
31	Highly Enantioselective Organocatalytic Direct Aldol Reaction Catalyzed by Organic Molecules	Monika Raj, **Vishnumaya**, Sandeep K. Ginotra and Vinod K. Singh*	*Org. Lett.* **Impact Factor**: 6.072	**2006**	*8*	18	4097