Anuj Sharma

List of Publications by Year
in descending order

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77	2,000	218677	289244
papers	citations	26 h-index	40 g-index

78	78	78	2102
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Isocyanide based [4+1] cycloaddition reactions: an indispensable tool in multi-component reactions (MCRs). Chemical Communications, 2016, 52, 6958-6976.	4.1	140
2	Recent advances in photocatalytic manipulations of Rose Bengal in organic synthesis. Organic and Biomolecular Chemistry, 2019, 17, 4384-4405.	2.8	108
3	Thiaâ€Michael Addition: An Emerging Strategy in Organic Synthesis. Asian Journal of Organic Chemistry, 2018, 7, 634-661.	2.7	76
4	One-pot two-step synthesis of 4-vinylphenols from 4-hydroxy substituted benzaldehydes under microwave irradiation: a new perspective on the classical Knoevenagelâ€“Doebner reaction. Tetrahedron, 2007, 63, 960-965.	1.9	75
5	Visible Light Assisted Radicalâ€Polar/Polarâ€Radical Crossover Reactions in Organic Synthesis. Advanced Synthesis and Catalysis, 2021, 363, 3146-3169.	4.3	73
6	An unusual, mild and convenient one-pot two-step access to (E)-stilbenes from hydroxy-substituted benzaldehydes and phenylacetic acids under microwave activation: a new facet of the classical Perkin reaction. Tetrahedron, 2007, 63, 11070-11077.	1.9	65
7	Arylsulfonylmethyl isocyanides: a novel paradigm in organic synthesis. RSC Advances, 2015, 5, 52769-52787.	3.6	64
8	Visible light-mediated applications of methylene blue in organic synthesis. Organic Chemistry Frontiers, 2021, 8, 1694-1718.	4.5	64
9	Iodine/DMSO oxidations: a contemporary paradigm in Câ€“N bond chemistry. New Journal of Chemistry, 2018, 42, 1551-1576.	2.8	63
10	Benzothiazepines: chemistry of a privileged scaffold. RSC Advances, 2015, 5, 70619-70639.	3.6	57
11	Photocatalytic Carbonylation Strategies: A Recent Trend in Organic Synthesis. Journal of Organic Chemistry, 2021, 86, 24-48.	3.2	52
12	A Chemoselective Hydrogenation of the Olefinic Bond of Î±,Î²-Unsaturated Carbonyl Compounds in Aqueous Medium under Microwave Irradiation. Advanced Synthesis and Catalysis, 2006, 348, 354-360.	4.3	50
13	The first catalyst and solvent-free synthesis of 2-arylimidazo[2,1-b][1,3,4]thiadiazoles: a comparative assessment of greenness. RSC Advances, 2015, 5, 44353-44360.	3.6	42
14	Copper(I)-Catalyzed Efficient and Stereoselective Synthesis of (E)-Vinyl Selenides and Tellurides by the Reaction of Potassium Vinyltrifluoroborates with Diphenyl Dichalcogenides. Organometallics, 2008, 27, 4009-4012.	2.3	41
15	An easily accessible optical chemosensor for Cu2+ based on novel imidazoazine framework, its performance characteristics and potential applications. Sensors and Actuators B: Chemical, 2017, 240, 365-375.	7.8	40
16	Visible Light Mediated Synthesis of Oxindoles. Advanced Synthesis and Catalysis, 2021, 363, 4284-4308.	4.3	38
17	Cyanation: a photochemical approach and applications in organic synthesis. Organic Chemistry Frontiers, 2021, 8, 3166-3200.	4.5	38
18	A green, catalyst-free, solvent-free, high yielding one step synthesis of functionalized benzo[f]furo[3,2-c]chromen-4-(5H)-ones and furo[3,2-c]quinolin-4-(5H)-ones. RSC Advances, 2015, 5, 17087-17095.	3.6	37

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19	A convenient synthetic route for alkynylselenides from alkynyl bromides and diaryl diselenides employing copper(I)/imidazole as novel catalyst system. Tetrahedron Letters, 2008, 49, 5172-5174.	1.4	34
20	Synthesis of Benzothiazoles via Photooxidative Decarboxylation of Î±â€Keto Acids. Advanced Synthesis and Catalysis, 2020, 362, 2232-2237.	4.3	34
21	Efficient one-pot, two-step synthesis of (E)-cinnmaldehydes by dehydrogenationâ€“oxidation of arylpropanes using DDQ under ultrasonic irradiation. Tetrahedron, 2006, 62, 2590-2593.	1.9	32
22	Visible Lightâ€Induced Synthesis of Functionalized Coumarins. Advanced Synthesis and Catalysis, 2021, 363, 3411-3438.	4.3	32
23	Ultrasound-assisted convenient synthesis of hypolipidemic active natural methoxylated (E)-arylalkenes and arylalkanones. Tetrahedron, 2005, 61, 3075-3080.	1.9	30
24	A sequential synthetic strategy towards unexplored dibenzo[b,f][1,4]thiazepine carboxamides: copper catalysed Câ€“S cyclisation followed by Ugi type 3CC cascade. RSC Advances, 2015, 5, 33067-33076.	3.6	30
25	Photocatalytical and Photochemical Generation of Imidoyl Radicals: Synthetic Applications. Advanced Synthesis and Catalysis, 2020, 362, 5196-5218.	4.3	29
26	Remarkable synergism in methylimidazole-promoted decarboxylation of substituted cinnamic acid derivatives in basic water medium under microwave irradiation: a clean synthesis of hydroxylated (E)-stilbenes. Tetrahedron, 2007, 63, 7640-7646.	1.9	27
27	The first vinyl acetate mediated organocatalytic transesterification of phenols: a step towards sustainability. New Journal of Chemistry, 2015, 39, 8329-8336.	2.8	27
28	An efficient chemoselective strategy for the preparation of (E)-cinnamic esters from cinnamaldehydes using heterogeneous catalyst and DDQ. Tetrahedron, 2007, 63, 1000-1007.	1.9	25
29	2â€(Alkylamino)â€3â€arylâ€6,7â€dihydrobenzofuranâ€4(5H)â€ones: Improved Synthesis and their Photophysical Properties. ChemistryOpen, 2015, 4, 626-632.	1.9	24
30	Microwave-Assisted Mild Conversion of Natural Dihydrotagetone into 5-Isobutyl-3-methyl-4,5-dihydro-2(3H)-furanone, an Analogue of Whisky Lactone. Australian Journal of Chemistry, 2007, 60, 124.	0.9	23
31	Visibleâ€Light Mediated Photooxidative Synthesis of Î±â€Keto Amides. Advanced Synthesis and Catalysis, 2019, 361, 3554-3559.	4.3	23
32	Visible-light-mediated synthesis of quinolines. Organic Chemistry Frontiers, 2021, 8, 1657-1676.	4.5	22
33	Vinyl esters as effective acetaldehyde surrogates in [4 + 1] cycloaddition based multicomponent cascade. RSC Advances, 2015, 5, 53592-53603.	3.6	21
34	Assembly of New Heterocycles through an Effective Use of Bisaldehydes by Using a Sequential GBB/Ugi Reaction. Chemistry - an Asian Journal, 2016, 11, 2938-2945.	3.3	21
35	Visible light mediated functionalization of allenes. Organic Chemistry Frontiers, 2021, 8, 5651-5667.	4.5	21
36	pâ€Toluenesulfonic Acidâ€Mediated Threeâ€Component Reaction â€œOnâ€Waterâ€Protocol for the Synthesis of Novel Thiadiazolo[2,3â€b]quinazolinâ€6(7H)â€ones. Asian Journal of Organic Chemistry, 2016, 5, 120-126.	2.7	20

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37	Microwave- and ultrasound-assisted semisynthesis of natural methoxylated propiophenones from isomeric mixture of phenylpropenes in minutes. Canadian Journal of Chemistry, 2005, 83, 1826-1832.	1.1	19
38	A Rapid and Efficient Microwave-Assisted Synthesis of Substituted 3-Phenylpropionic Acids from Benzaldehydes in Minutes. Chemistry Letters, 2003, 32, 1186-1187.	1.3	18
39	Rapid Access to New Thiazepinyl and Oxazepinyl Phosphonates through a Green Pudovik Reaction. Asian Journal of Organic Chemistry, 2016, 5, 82-90.	2.7	18
40	Solvent-free synthesis and anticancer activity evaluation of benzimidazole and perimidine derivatives. Molecular Diversity, 2018, 22, 113-127.	3.9	18
41	A Fourâ€Component Domino Reaction: An Ecoâ€Compatible Access to Diversified Imidazo[2,1â€b][1,3]thiazinâ€5â€ones. Asian Journal of Organic Chemistry, 2016, 5, 91-97.	2.7	16
42	Visibleâ€Lightâ€Mediated Câ€2 Functionalization and Deoxygenative Strategies in Heterocyclic Nâ€Oxides. Advanced Synthesis and Catalysis, 2022, 364, 2289-2306.	4.3	16
43	Synthesis of acridine cyclic imide hybrid molecules and their evaluation for anticancer activity. Medicinal Chemistry Research, 2015, 24, 3272-3282.	2.4	15
44	Facile Construction of Imidazoâ€benzothiaâ€oxazepines by a Quick and Efficient vanâ€...Leusen Protocol. Asian Journal of Organic Chemistry, 2017, 6, 527-533.	2.7	14
45	A Microwave-Accelerated Esterification of?,?-Unsaturated Acids with Alkyl or Aryl Carbonochloridate and Triethylamine in Acetonitrile as a Novel Esterifying Reagent Mixture. Helvetica Chimica Acta, 2005, 88, 811-816.	1.6	13
46	Solid-Supported Green Synthesis of Substituted Hydrocinnamic Esters by Focused Microwave Irradiation. Helvetica Chimica Acta, 2006, 89, 483-495.	1.6	13
47	In silico docking studies of bioactive natural plant products as putative DHFR antagonists. Medicinal Chemistry Research, 2014, 23, 810-817.	2.4	13
48	Rational design of the first furoquinolinol based molecular systems for easy detection of Cu²⁺with potential applications in the area of membrane sensing. RSC Advances, 2015, 5, 106030-106037.	3.6	13
49	Solventâ€Free Potâ€, Atomâ€and Stepâ€Economic Synthesis of Novel Benzo[d]thiazoleâ€[1,3]â€thiazine Hybrids in a Oneâ€Pot Reaction. Asian Journal of Organic Chemistry, 2016, 5, 763-769.	2.7	12
50	A Rapid Oneâ€Pot Five Component Sequential Access to Novel Imidazo[2,1â€b]thiazinylâ€Î±â€aminophosphonates. ChemistrySelect, 2016, 1, 434-439.	1.5	12
51	Silverâ€Catalyzed Crossâ€Dehydrogenative Coupling (CDC) Strategy for the Construction of Dialkyl/Dibenzyl Dibenzo[b,f][1,4]thiaâ€oxazepinâ€11â€yl Phosphonates. Asian Journal of Organic Chemistry, 2016, 5, 1280-1287.	2.7	12
52	Waterâ€MediatedÂOneâ€Pot Threeâ€Component Reaction to Bifunctionalized Thiadiazoloquinazolinoneâ€coumarin Hybrids: A Green Approach. ChemistrySelect, 2018, 3, 2837-2841.	1.5	12
53	An Effective System to Synthesize Hypolipidemic Active Î±-Asarone and Related Methoxylated (E)-Arylalkenes. Bulletin of the Chemical Society of Japan, 2004, 77, 2231-2235.	3.2	11
54	Novel Furochromenone based Dual Channel Sensors for Selective Detection of Cu²⁺with Potential Applications in Sample Monitoring, Membrane Sensing and Photo-printing. ChemistrySelect, 2016, 1, 277-284.	1.5	11

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55	DABCOâ€Catalysed Oneâ€Pot Ecoâ€Friendly Synthetic Strategies for Accessing Pyranochromenone and Bis(benzochromenone) Compounds. ChemistrySelect, 2018, 3, 12830-12835.	1.5	11
56	Mechanochemicalâ€•(Handâ€Grindingâ€) Assisted Domino Synthesis of Fused Pyranâ€Spirooxindoles under Solventâ€•and Catalystâ€Free Condition. ChemistrySelect, 2018, 3, 11505-11509.	1.5	11
57	A Multicomponent Strategy for the Regioselective Synthesis of [1,3]â€Thiazinones from an Abundant Feedstock: Scope and Structural Elucidation. Asian Journal of Organic Chemistry, 2017, 6, 88-94.	2.7	10
58	DABCOâ€Catalysed Amidation under Assistance of Aerial Oxidation: Access to Î±â€ketoamides. ChemistrySelect, 2018, 3, 9617-9621.	1.5	10
59	Unexpected formation of aryl dialkyl carbinol as a side product from the reaction of methoxyarylaldehydes with Grignard reagents. Tetrahedron, 2006, 62, 847-851.	1.9	9
60	In silico investigation of medicinal spectrum of imidazo-azines from the perspective of multitarget screening against malaria, tuberculosis and Chagas disease. Journal of Molecular Graphics and Modelling, 2014, 50, 1-9.	2.4	9
61	A Regioselective Multicomponent Cascade to Access Thiosemicarbazoneâ€“fused Thiazinones: Scope, Structure Elucidation and Gram Scale Synthesis. ChemistrySelect, 2017, 2, 1386-1391.	1.5	9
62	Palladiumâ€Catalyzed Regioselective Câ€H Arylation of Quinolineâ€•N â€Oxides at Câ€8 Position using Diaryliodonium Salts. Asian Journal of Organic Chemistry, 2020, 9, 660-667.	2.7	8
63	Silica-Supported Glyoxylic Acid: A Traceless, Green Approach to the Groebkeâ€“Blackburnâ€“BienymÃ© Reaction. Synlett, 2015, 26, 1403-1407.	1.8	7
64	Solvent free, catalyst free, microwave or grinding assisted synthesis of bis-cyclic imide derivatives and their evaluation for anticancer activity. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 501-504.	2.2	7
65	Microwave-assisted synthesis of benzenesulfonohydrazide and benzenesulfonamide cyclic imide hybrid molecules and their evaluation for anticancer activity. Medicinal Chemistry Research, 2015, 24, 3760-3771.	2.4	6
66	Structure property studies revealed a new indoylfuranone based bifunctional chemosensor for Cu²⁺ and Al³⁺. Analytical Methods, 2016, 8, 7369-7379.	2.7	6
67	Combined 3D-QSAR and molecular docking study for identification of diverse natural products as potent Pf ENR inhibitors. Current Computer-Aided Drug Design, 2015, 11, 245-257.	1.2	6
68	In-Silico Analysis of Imidazo[2,1-b][1,3,4]thiadiazole Analogs as Putative Mycobacterium tuberculosis Enoyl Reductase Inhibitors. Current Drug Therapy, 2017, 12, 46-63.	0.3	6
69	A Regioselective and High-Yielding Method for Formaldehyde Inclusion in the 3CC Groebke-Blackburn-BienaymÃ© Reaction: One-Step Access to 3-Aminoimidazoazines. Synlett, 2011, 2011, 1407-1412.	1.8	5
70	Docking-based screening of natural product database in quest for dual site inhibitors of Trypanosoma cruzi trypanothione reductase (TcTR). Medicinal Chemistry Research, 2015, 24, 316-333.	2.4	5
71	Ammonium Chloride Assisted Microwave Mediated Domino Multicomponent Reaction: An Efficient and Sustainable Synthesis of Quinazolinâ€4(3H)â€imines under Solvent Free Condition. ChemistrySelect, 2019, 4, 10169-10173.	1.5	5
72	Ureaâ€Catalysed Access to Novel Spirooxindole Benzopyrans via Domino Multicomponent Cascade: Approach Towards Sustainability. ChemistrySelect, 2019, 4, 6593-6597.	1.5	5

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73	Regioselective Synthesis of Functionalized 1,3â€Thiazineâ€4â€ones via Multicomponent Click Reaction Approach. ChemistrySelect, 2019, 4, 650-654.	1.5	4
74	3D-QSAR Selectivity Analysis of 1-Adamantyl-3-Heteroaryl Urea Analogs as Potent Inhibitors of Mycobacterium tuberculosis. Current Computer-Aided Drug Design, 2015, 11, 164-183.	1.2	3
75	Role of computational efficiency indices and pose clustering in effective decision making: An example of annulated furanones in Pf-DHFR space. Computational Biology and Chemistry, 2017, 67, 48-61.	2.3	2
76	Vinyl Esters as Acetaldehyde Surrogates: Potential Utility in Some Common Multicomponent Sequences. ChemistrySelect, 2016, 1, 4672-4681.	1.5	1
77	A multilayer screening approach toward the discovery of novel Pf -DHFR inhibitors. Computational Biology and Chemistry, 2016, 62, 36-46.	2.3	1