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Photochemical activity of a key donor-acceptor complex can drive stereoselective catalytic  $\alpha$ -alkylation of aldehydes

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#	Paper	IF	Citations
472	Merging Photoredox with 1,2-Metallate Rearrangements: The Photochemical Alkylation of Vinyl Boronate Complexes.		
471	Photo-Organocatalysis of Atom-Transfer Radical Additions to Alkenes. <b>2014</b> , 126, 12260-12264		49
470	Asymmetric Catalysis Facilitated by Photochemical or Electrochemical Methods. <b>2014</b> , 475-500		1
469	Light-Driven Organocatalysis Using Inexpensive, Nontoxic Bi <sub>2</sub> O <sub>3</sub> as the Photocatalyst. <b>2014</b> , 126, 9767-9770		23
468	Metal-free photochemical aromatic perfluoroalkylation of $\beta$ -cyano arylacetates. <b>2014</b> , 53, 4921-5		167
467	Visible-Light-Promoted Synthesis of Benzimidazoles. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 4148-4154	3.2	45
466	Asymmetric photoredox transition-metal catalysis activated by visible light. <b>2014</b> , 515, 100-3		439
465	Nef reaction with molecular oxygen in the absence of metal additives, and mechanistic insights. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 15753-9	4.8	33
464	Photo-organocatalysis of atom-transfer radical additions to alkenes. <b>2014</b> , 53, 12064-8		192
463	Regiospecific Synthesis of 1-Trifluoromethylisoquinolines Enabled by Photoredox Homophilic Vinyl Isocyanide Insertion. <i>Advanced Synthesis and Catalysis</i> , <b>2014</b> , 356, 2859-2866	5.6	53
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458	An organic thiyl radical catalyst for enantioselective cyclization. <i>Nature Chemistry</i> , <b>2014</b> , 6, 702-5	17.6	129
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452	Visible-Light-Mediated Generation of Nitrogen-Centered Radicals: Metal-Free Hydroimination and Iminohydroxylation Cyclization Reactions. <b>2015</b> , 127, 14223-14227		107
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4 <sup>10</sup>	Photo-Organocatalysis, Photo-Redox, and Electro- Organocatalysis Processes. <b>2016</b> ,		1
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327	Photo-Induced Atom-Transfer Radical Reactions Using Charge-Transfer Complex between Iodine and Tertiary Amine. <b>2017</b> , 65, 33-35		6
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324	Visible-Light-Promoted Dearomative Fluoroalkylation of $\beta$ -Naphthols through Intermolecular Charge Transfer. <b>2018</b> , 57, 4747-4751		61
323	Expanding the Scope of Photocatalysis: Atom Transfer Radical Addition of Bromoacetonitrile to Aliphatic Olefins. <b>2018</b> , 10, 2466-2470		7
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311	Oxycyanation of Vinyl Ethers with 2,2,6,6-Tetramethyl-N-oxopiperidinium Enabled by Electron Donor-Acceptor Complex. <b>2018</b> , 20, 720-723		25
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308	Asymmetric $\alpha$ -Alkylation of $\beta$ -Ketocarboxylates via Direct Phenacyl Bromide Photolysis by Chiral Primary Amine. <b>2018</b> , 36, 716-722		9
307	Visible-Light-Promoted Oxidative Amidation of Bromoalkynes with Anilines: An Approach to $\beta$ -Ketoamides. <b>2018</b> , 20, 2245-2248		30
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304	$\beta$ -Aminoalkyl Radical Addition to Maleimides via Electron Donor-Acceptor Complexes. <b>2018</b> , 20, 2051-2054		51
303	Photo-Driven Synthesis of C6-Polyfunctionalized Phenanthridines from Three-Component Reactions of Isocyanides, Alkynes, and Sulfinic Acids by Electron Donor-Acceptor Complex. <b>2018</b> , 20, 1735-1739		52
302	N-9 Alkylation of purines via light-promoted and metal-free radical relay. <b>2018</b> , 29, 61-64		4
301	Green Photo-Organocatalytic C-H Activation of Aldehydes: Selective Hydroacylation of Electron-Deficient Alkenes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 1726-1731	4.8	31
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294	A four-component radical cascade trifluoromethylation reaction of alkenes enabled by an electron-donor-acceptor complex. <i>Chemical Communications</i> , <b>2018</b> , 54, 12710-12713	5.8	30

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286	Electron Donor-Acceptor Complexes in Perfluoroalkylation Reactions. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 6391-6404	3.2	64
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265	A Celebration of Science amidst Nature: The 54th B $\ddot{u}$ rgenstock Conference. <b>2019</b> , 58, 17107-17113		
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262	Selective Late-Stage Oxygenation of Sulfides with Ground-State Oxygen by Uranyl Photocatalysis. <b>2019</b> , 131, 13633-13640		19
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257	Organic Transformations Utilizing Photo-Induced Electron Transfer of Electron-Donor-Acceptor Complexes. <b>2019</b> , 77, 367-368		0
256	Alkyl Halides via Visible Light Mediated Dehalogenation. <b>2019</b> , 21, 9681-9687		17
255	Visible-Light-Driven Enantioselective Aerobic Oxidation of $\alpha$ -Dicarbonyl Compounds Catalyzed by Cinchona-Derived Phase Transfer Catalysts in Batch and Semi-Flow. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 5245-5252	5.6	16
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251	Photoredox asymmetric catalytic enantioconvergent substitution of 3-chlorooxindoles. <i>Chemical Communications</i> , <b>2019</b> , 55, 11362-11365	5.8	32
250	A transition-metal-free & diazo-free styrene cyclopropanation. <i>Chemical Science</i> , <b>2019</b> , 10, 9374-9379	9.4	14
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241	Transition-metal-free $\alpha$ -arylation of oxindoles a visible-light-promoted electron transfer. <i>Chemical Science</i> , <b>2019</b> , 10, 3049-3053	9.4	44
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235	Tunable Functionalization of Saturated C-C and C-H Bonds of N,N'-Diarylpiperazines Enabled by tert-Butyl Nitrite (TBN) and NaNO Systems. <b>2019</b> , 21, 5030-5034		26
234	Enantioselective photoredox dehalogenative protonation. <i>Chemical Science</i> , <b>2019</b> , 10, 6629-6634	9.4	32
233	Organic Molecular Catalysts in Radical Chemistry: Challenges Toward Selective Transformations. <b>2019</b> , 163-197		1
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231	Enantioselective reduction of azaarene-based ketones via visible light-driven photoredox asymmetric catalysis. <i>Chemical Communications</i> , <b>2019</b> , 55, 7534-7537	5.8	45
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227	Visible-Light Induced Radical Perfluoroalkylation/Cyclization Strategy To Access 2-Perfluoroalkylbenzothiazoles/Benzoselenazoles by EDA Complex. <b>2019</b> , 21, 4019-4024		86
226	Visible-Light Excitation of Quinolinone-Containing Substrates Enables Divergent Radical Cyclizations. <b>2019</b> , 21, 3417-3421		28
225	C-H $\alpha$ -trifluoroalkylation of Quinolines via Visible-Light-Induced Sequential Radical Additions. <b>2019</b> , 21, 3600-3605		14
224	Cross-Dehydrogenative C-H Coupling of Oximes with Acetonitrile, Ketones and Esters. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 3324-3330	5.6	9
223	meta-Selective C-H Activation of Arenes at Room Temperature Using Visible Light: Dual-Function Ruthenium Catalysis. <b>2019</b> , 58, 9826-9830		78
222	Visible-Light-Promoted [5 + 1] Annulation Initiated by Electron-Donor-Acceptor Complexes: Synthesis of Perfluoroalkyl- s-Triazines. <b>2019</b> , 21, 3072-3076		29

221	Chiral acid-catalysed enantioselective C-H functionalization of toluene and its derivatives driven by visible light. <i>Nature Communications</i> , <b>2019</b> , 10, 1774	17.4	40
220	Asymmetric Photocatalysis with Bis-cyclometalated Rhodium Complexes. <b>2019</b> , 52, 833-847		135
219	Visible-Light-Promoted Three-Component Coupling Annulation: Synthesis of 2-Iminothiazolidin-4-ones via in Situ Formed Electron Donor-Acceptor Complexes. <b>2019</b> , 84, 6448-6458		13
218	Transforming Redox Properties of Clusters Using Phosphine Ligands. <b>2019</b> , 123, 8983-8989		11
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215	Rapid Assessment of the Reaction-Condition-Based Sensitivity of Chemical Transformations. <b>2019</b> , 58, 8572-8576		137
214	Evaluierung der Reaktionsbedingungs-basierten Sensitivit chemischer Transformationen. <b>2019</b> , 131, 8660		1
213	Catalyst-Free Deaminative Functionalizations of Primary Amines by Photoinduced Single-Electron Transfer. <b>2019</b> , 58, 5697-5701		170
212	Catalyst-Free Deaminative Functionalizations of Primary Amines by Photoinduced Single-Electron Transfer. <b>2019</b> , 131, 5753-5757		34
211	Visible light-mediated CP bond formation reactions. <b>2019</b> , 64, 337-350		89
210	Visible-Light-Activated Divergent Reactivity of Dienones: Dimerization in Neat Conditions and Regioselective E to Z Isomerization in the Solvent. <b>2019</b> , 21, 1578-1582		21
209	Organocatalysis and Beyond: Activating Reactions with Two Catalytic Species. <b>2019</b> , 9, 928		14
208	Synergistic visible light photoredox catalysis. <b>2019</b> , 5,		2
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204	Mechanistic Studies in Photocatalysis. <b>2019</b> , 58, 3730-3747		318



203	Synthesis and Characterization of Cerium Oxide Quantum Dots Loaded Biodegradable Dextran Matrix for Effective Pain Management. <b>2020</b> , 31, 831-837		0
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201	Visible-light-induced intramolecular charge transfer in the radical spirocyclisation of indole-tethered ynones. <i>Chemical Science</i> , <b>2019</b> , 11, 1353-1360	9.4	51
200	Visible Light- and Heat-Promoted C-D Coupling Reaction of Phenols and Aryl Halides. <b>2020</b> , 9, 116-120		16
199	Reactor Technology Concepts for Flow Photochemistry. <b>2020</b> , 4, 235-254		41
198	Visible Light-Promoted Phosphine-Catalyzed Difluoroalkylation of Arenes and Heterocycles. <b>2020</b> , 85, 942-951		23
197	Photoinduced deaminative strategies: Katritzky salts as alkyl radical precursors. <i>Chemical Communications</i> , <b>2020</b> , 56, 503-514	5.8	75
196	Recent advances in catalyst-free photochemical reactions via electron-donor-acceptor (EDA) complex process. <b>2020</b> , 61, 151506		64
195	Solvent Dependent Divergent Reactivity of Electron-Rich Dienones with and without Visible Light: Access to Cyclopropanated Furans and Butenolides. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 609-617	5.6	4
194	A Retrosynthetic Approach for Photocatalysis. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 1193-1244	3.2	25
193	Recent developments in enantioselective photocatalysis. <b>2020</b> , 16, 2363-2441		34
192	Visible-Light-Induced Decarboxylative Cyclization/Hydrogenation Cascade Reaction to Access Phenanthridin-6-yl(aryl)methanol by an Electron Donor-Acceptor Complex. <b>2020</b> , 85, 13808-13817		7
191	Design and Implementation of a Catalytic Electron Donor-Acceptor Complex Platform for Radical Trifluoromethylation and Alkylation. <i>ACS Catalysis</i> , <b>2020</b> , 10, 12636-12641	13.1	27
190	Enantioselective Intermolecular Radical C-H Amination. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 20828-20836	16.4	31
189	Visible-Light Photoredox Catalyzed C-N Coupling of Quinoxaline-2(1H)-ones with Azoles without External Photosensitizer. <b>2020</b> , 12, 5261-5268		20
188	Investigation of Straightforward, Photoinduced Alkylations of Electron-Rich Heterocompounds with Electron-Deficient Alkyl Bromides in the Sole Presence of 2,6-Lutidine. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 6192-6198	3.2	3
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186	Aldehyde catalysis - from simple aldehydes to artificial enzymes.. <b>2020</b> , 10, 35433-35448		5

185	Single-Electron Transfer in Frustrated Lewis Pair Chemistry. <b>2020</b> , 59, 22210-22216		25
184	Synthesis of 1,4-Dicarbonyl Compounds by Visible-Light-Mediated Cross-Coupling Reactions of $\beta$ -Chlorocarbonyls and Enol Acetates. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 4391-4396	5.6	7
183	Single-Electron Transfer in Frustrated Lewis Pair Chemistry. <b>2020</b> , 132, 22394-22400		1
182	Photochemical Functionalization of Heterocycles with EBX Reagents: C-H Alkynylation versus Deconstructive Ring Cleavage*. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 14453-14460	4.8	14
181	Visible-Light-Triggered Iodinations Facilitated by Weak Electrostatic Interaction of N-Heterocyclic Carbenes. <b>2020</b> , 22, 7187-7192		13
180	Tracking down the brominated single electron oxidants in recent organic red-ox transformations: photolysis and photocatalysis. <b>2020</b> , 18, 8294-8345		8
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174	Catalytic Enantioselective Radical Transformations Enabled by Visible Light. <b>2020</b> , 15, 2129-2152		20
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170	Asymmetric photocatalysis over robust covalent organic frameworks with tetrahydroquinoline linkage. <b>2020</b> , 41, 1288-1297		29
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160	Visible-Light-Induced Charge Transfer Enables C-H Functionalization of Glycine Derivatives: Access to 1,3-Oxazolidines. <b>2020</b> , 22, 1638-1643		17
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157	Enantioselective Aminocatalytic [2 + 2] Cycloaddition through Visible Light Excitation. <i>ACS Catalysis</i> , <b>2020</b> , 10, 5335-5346	13.1	22
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151	Photo-NHC Catalysis: Accessing Ketone Photochemistry with Carboxylic Acid Derivatives. <b>2021</b> , 32, 95-101		5
150	Photochemical metal-free aerobic oxidation of thiols to disulfides. <i>Green Chemistry</i> , <b>2021</b> , 23, 546-551	10	14

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147	Blue-light-promoted radical C-H azolation of cyclic nitrones enabled by Selectfluor <sup>®</sup> . <i>Green Chemistry</i> , <b>2021</b> , 23, 2049-2057	10	5
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139	Photoactivated release of membrane impermeant sulfonates inside cells. <i>Chemical Communications</i> , <b>2021</b> , 57, 3917-3920	5.8	1
138	Visible-Light-Driven, Photocatalyst-Free Cascade to Access 3-Cyanoalkyl Coumarins from $\alpha$ -Hydroxycinnamic Esters. <b>2021</b> , 86, 4245-4253		4
137	Dual-catalyst engineered porous organic framework for visible-light triggered, metal-free and aerobic sp <sup>3</sup> C-H activation in highly synergistic and recyclable fashion. <b>2021</b> , 394, 40-49		4
136	Carbene-Catalyzed Alkylation of Carboxylic Esters via Direct Photoexcitation of Acyl Azolium Intermediates. <i>ACS Catalysis</i> , <b>2021</b> , 11, 2925-2934	13.1	25
135	Direct catalytic asymmetric synthesis of chiral bicyclo[1.1.1]pentanes. <i>Nature Communications</i> , <b>2021</b> , 12, 1644	17.4	6
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131	Progress in Photoinduced Radical Reactions using Electron Donor-Acceptor Complexes. <b>2021</b> , 10, 711-748		17
130	One-Pot Enantioselective Construction of Polycyclic Tetrahydroquinoline Scaffolds through Asymmetric Organo/Photoredox Catalysis via Triple-Reaction Sequence. <b>2021</b> , 23, 3287-3293		3
129	Photochemical Activation of Aromatic Aldehydes: Synthesis of Amides, Hydroxamic Acids and Esters. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 7915-7922	4.8	6
128	Photocatalytic three-component asymmetric sulfonylation via direct C(sp)-H functionalization. <i>Nature Communications</i> , <b>2021</b> , 12, 2377	17.4	28
127	A Donor-Acceptor [2]Catenane for Visible Light Photocatalysis. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 8000-8010	16.4	6
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125	Recent Advances in Organic Synthesis Using Light-Mediated N-Heterocyclic Carbene Catalysis. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 4603-4610	3.2	5
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118	Catalytic Enantioselective Alkylation of Prochiral Enolates. <b>2021</b> , 121, 9196-9242		15
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108	Chiral Brønsted acid-controlled intermolecular asymmetric [2 + 2] photocycloadditions. <i>Nature Communications</i> , <b>2021</b> , 12, 5735	17.4	9
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105	Radical $\alpha$ -trifluoromethoxylation of Ketones under Batch and Flow Conditions by Means of Organic Photoredox Catalysis. <b>2021</b> , 23, 7088-7093		3
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99	Direct excitation strategy for radical generation in organic synthesis. <b>2021</b> , 50, 6320-6332		28
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91	Visible-Light-Promoted Asymmetric Catalysis by Chiral Complexes of First-Row Transition Metals. <b>2021</b> , 53, 1570-1583	6
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88	Asymmetric Photocatalysis Enabled by Chiral Organocatalysts.	5
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83	Chiral Organocatalyst Combined with Transition Metal Based Photoredox Catalyst. <b>2022</b> , 277-300	
82	Visible-light driven, metal-free hydroalkylation of alkenes mediated by electron donor-acceptor complex using benzothiazolines.	1
81	Visible-Light-Promoted Hydroxydifluoroalkylation of Alkenes Enabled by Electron Donor-Acceptor Complex. <b>2021</b> ,	2
80	Photoinduced Deaminative Alkylation for the Synthesis of $\beta$ -ketoesters via Electron Donor-Acceptor Complex Formation. <b>2021</b> ,	0
79	New Trends and Supramolecular Approaches in Anion-Binding Catalysis. <b>2022</b> , 345-385	0
78	The Dark Side of Isocyanides: Visible-Light Photocatalytic Activity in the Oxidative Functionalization of C(sp)-H Bonds. <b>2021</b> ,	1

77	Syntheses of new chiral chimeric photo-organocatalysts.. <b>2021</b> , 11, 36663-36669		0
76	Mechanistic Insights into Visible-Light-Driven Dearomative Fluoroalkylation Mediated by an Electron Donor-Acceptor Complex.. <b>2022</b> ,		1
75	A BINOL-phosphoric acid and metalloporphyrin derived chiral covalent organic framework for enantioselective $\beta$ -benzylation of aldehydes.. <i>Chemical Science</i> , <b>2022</b> , 13, 1906-1911	9.4	3
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73	Aerobic Oxidative EDA Catalysis: Synthesis of Tetrahydroquinolines Using an Organocatalytic EDA Active Acceptor.. <b>2022</b> ,		1
72	Stepwise benzylic oxygenation via uranyl-photocatalysis. <i>Green Chemistry</i> , <b>2022</b> , 24, 124-129	10	4
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64	Unveiling the Synthetic Potential of Substituted Phenols as Fully Recyclable Organophotoredox Catalysts for the Iodosulfonylation of Olefins. <i>ACS Catalysis</i> , 4290-4295	13.1	1
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57	Metal-free Deoxygenative Coupling of Alcohol-Derived Benzoates and Pyridines for Small Molecules and DNA-Encoded Libraries Synthesis. <i>Chemical Science</i> ,	9.4	4
56	Transition-metal-free, visible-light-induced multicomponent synthesis of allylic amines and tetrahydroquinolines. <i>Organic Chemistry Frontiers</i> ,	5.2	
55	Visible-light-induced site-selective difunctionalization of 2,3-dihydrofuran with quinoxalin-2(1H)-ones and peroxides. <i>European Journal of Organic Chemistry</i> ,	3.2	2
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51	Tunable Photocatalytic Two-Electron Shuttle between Paired Redox Sites on Halide Perovskite Nanocrystals. <i>ACS Catalysis</i> , 5903-5910	13.1	1
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49	Synergistic strategies in Aminocatalysis. <i>Chemistry - A European Journal</i> ,	4.8	0
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45	Visible-light promoted photocatalyst-free aerobic oxidation of tertiary amines to amides.		0
44	Electron donor-acceptor complex-catalyzed photoredox reactions mediated by DIPEA and inorganic carbonates. <b>2022</b> , 9, 5264-5271		3
43	Emerging Activation Modes and Techniques in Visible-Light Photocatalyzed Organic Synthesis.		0
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- 38 Photochemical C(sp<sup>2</sup>)-C Pyridination via Arene-Pyridinium Electron Donor-Acceptor Complexes. 1
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- 36 Electron / hole catalysis: A versatile strategy for promoting chemical transformations. **2022**, 133065 0
- 35 Pi-Pi Stacking Complex Induces Three-Component Coupling Reactions to Synthesize Functionalized Amines. 0
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- 33 Pi-Pi Stacking Complex Induces Three-Component Coupling Reactions to Synthesize Functionalized Amines. 1
- 32 Light-empowered contra-thermodynamic stereochemical editing. 1
- 31 Visible-light-induced Organocatalytic Perfluoroalkylation of Electron-rich Olefins. **2022**, 80, 1028-1035 0
- 30 Merging Organocatalysis with Light [New Opportunities for Asymmetric Synthesis. **2023**, 225-257 0
- 29 Ir-Catalyzed Biomimetic Photoisomerization of Cyclopropane in Lathyrane-Type Euphorbia Diterpenes. 1
- 28 Highly selective  $\alpha$ -alkoxylation,  $\alpha$ -amination and  $\alpha$ -alkylation of unbiased enals by means of photoredox catalysis. 0
- 27 Photo-induced redox cascade reaction of nitroarenes and amines. 0
- 26 Photocatalyst-free visible light driven synthesis of gem-dihaloenones from alkynes, tetrahalomethanes and water. 0
- 25 Photochemical halogen-bonding assisted generation of vinyl and sulfur-centered radicals: stereoselective catalyst-free C(sp<sup>2</sup>)-S bond forming reactions. 0
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23	Enantioselective Radical Addition to Ketones through Lewis Acid-Enabled Photoredox Catalysis. <b>2022</b> , 144, 22140-22149	3
22	Direct Reaction of Nitroarenes and Thiols via Photodriven Oxygen Atom Transfer for Access to Sulfonamides. <b>2022</b> , 24, 8907-8913	1
21	Ligand enabled none-oxidative decarbonylation of aliphatic aldehydes. <b>2022</b> , 108027	0
20	Remote Radical Trifluoromethylation: A Unified Approach to the Selective Synthesis of $\beta$ -Trifluoromethyl $\alpha$ -Unsaturated Carbonyl Compounds.	0
19	Light-accelerated $\beta$ -n-water $\gamma$ -hydroacylation of dialkyl azodicarboxylates.	1
18	Visible-light-induced direct perfluoroalkylation/heteroarylation of [1.1.1]propellane to diverse bicyclo[1.1.1]pentanes (BCPs) under metal and photocatalyst-free conditions.	3
17	Metal-Free Photoinduced Alkylative [3+2] Annulation of Terminal Alkynes with N-Alkyl Isoquinolin-2-iums by Catalytic Isoquinoline-Based Electron Donor-Acceptor Complex.	0
16	Coupling of $\beta$ -bromoamides and unactivated alkenes to form $\beta$ -lactams through EDA and photocatalysis. <b>2023</b> , 14, 1569-1574	0
15	Photoinduced, metal- and photosensitizer-free decarboxylative $\alpha$ -(amino)alkylation of heteroarenes in a sustainable solvent.	1
14	Enantioselective Catalytic Remote Perfluoroalkylation of $\beta$ -Branched Enals driven by Light.	0
13	Direct Benzylic $\alpha$ Functionalization with Fluorenones under Visible-Light Irradiation. <b>2023</b> , 88, 2612-2620	0
12	Enforced Electronic-Donor-Acceptor Complex Formation in Water for Photochemical Cross-Coupling. <b>2023</b> , 62,	0
11	Enforced Electronic-Donor-Acceptor Complex Formation in Water for Photochemical Cross-Coupling. <b>2023</b> , 135,	0
10	Applications of Hantzsch Esters in Organocatalytic Enantioselective Synthesis. <b>2023</b> , 13, 419	0
9	Sunlight- or UVA-Light-Mediated Synthesis of Hydroxamic Acids from Carboxylic Acids. <b>2023</b> , 26,	0
8	Synthesis of New Amino-Functionalized Porphyrins:Preliminary Study of Their Organophotocatalytic Activity. <b>2023</b> , 28, 1997	0
7	Visible Light Induced C-H/N-H and C-X Bonds Reactions. <b>2023</b> , 4, 189-230	0
6	Recent Advances in Electron Donor-Acceptor (EDA)-Complex Reactions involving Quaternary Pyridinium Derivatives.	0

- 5 Triarylamines as catalytic donors in light-mediated electron donor-acceptor complexes. **2023**, 14, 3470-3481 ○
- 4 Catalytic Asymmetric  $\alpha$ -Functionalization of  $\beta$ -Branched Aldehydes. **2023**, 28, 2694 1
- 3 A general electron donor-acceptor complex enabled cascade cyclization of alkynes to access sulfur-containing heterocycles. ○
- 2 Halogen-Bonding-Promoted Photoinduced  $C\alpha$  Borylation of Aryl Halide Using Phenol Derivatives. ○
- 1 Direct  $C2\text{H}$  alkylation of indoles driven by the photochemical activity of halogen-bonded complexes. 19, 575-581 ○