

# Hua-Li Qin

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

124  
papers

3,523  
citations

37  
h-index

51  
g-index

127  
ext. papers

4,443  
ext. citations

4.9  
avg, IF

6.15  
L-index

#	Paper	IF	Citations
124	Synthesis of aryl sulfonyl fluorides from aryl sulfonyl chlorides using sulfuryl fluoride (SO <sub>2</sub> F <sub>2</sub> ) as fluoride provider. <i>Tetrahedron</i> , <b>2022</b> , 108, 132657	2.4	1
123	Novel Pyridine-Containing Sultones: Structure-Activity Relationship and Biological Evaluation as Selective AChE Inhibitors for the Treatment of Alzheimer's disease. <i>ChemMedChem</i> , <b>2021</b> , 16, 3189-3200 <sup>3-7</sup>	3.7	1
122	A novel three-component reaction for constructing indolizine-containing aliphatic sulfonyl fluorides. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 1185-1189	5.2	6
121	A general approach to nitrile- and sulfonyl fluoride-substituted cyclopropanes. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 6021-6024	3.9	0
120	Structure-activity relationship, and evaluation of novel dienyl sulphonyl fluorides as selective BuChE inhibitors for the treatment of Alzheimer's disease. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2021</b> , 36, 1860-1873	5.6	2
119	Copper-Promoted Conjugate Addition of Carboxylic Acids to Ethenesulfonyl Fluoride (ESF) for Constructing Aliphatic Sulfonyl Fluorides. <i>ACS Omega</i> , <b>2021</b> , 6, 25972-25981	3.9	0
118	Transition metal-free regioselective synthesis of triazolyl aliphatic sulfonyl fluorides. <i>Tetrahedron</i> , <b>2021</b> , 98, 132425	2.4	2
117	Design, synthesis and biological evaluation of novel arylpropionic esters for the treatment of acute kidney injury. <i>Bioorganic Chemistry</i> , <b>2020</b> , 105, 104455	5.1	2
116	Clickable Transformation of Nitriles (RCN) to Oxazolyl Sulfonyl Fluoride Warheads. <i>Organic Letters</i> , <b>2020</b> , 22, 8904-8909	6.2	8
115	Copper-catalyzed mild desulfonylation of vinyl sulfonyl molecules. <i>Organic Chemistry Frontiers</i> , <b>2020</b> , 7, 1696-1702	5.2	6
114	A Simple Protocol for the Stereoselective Construction of Enaminy Sulfonyl Fluorides. <i>Organic Letters</i> , <b>2020</b> , 22, 4316-4321	6.2	6
113	An Easy, General and Practical Method for the Construction of Alkyl Sulfonyl Fluorides. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 3358-3363	5.6	14
112	But-3-ene-1,3-disulfonyl difluoride (BDF): a highly selective SuFEx clickable hub for the quick assembly of sultam-containing aliphatic sulfonyl fluorides. <i>Chemical Communications</i> , <b>2020</b> , 56, 8075-8078 <sup>5-8</sup>	5.8	7
111	Indole-based derivatives as potential antibacterial activity against methicillin-resistance Staphylococcus aureus (MRSA). <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 194, 112245	6.8	46
110	Chalcone hybrids as privileged scaffolds in antimalarial drug discovery: A key review. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 193, 112215	6.8	41
109	Fluorinated solid additives enable high efficiency non-fullerene organic solar cells. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 4230-4238	13	30
108	Light-induced [2 + 2] cycloadditions for the construction of cyclobutane-fused pyridinyl sulfonyl fluorides. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 4019-4023	3.9	6

107	Ethenesulfonyl Fluoride (ESF) and Its Derivatives in SuFEx Click Chemistry and More. <i>Synthesis</i> , <b>2020</b> , 52, 673-687	2.9	10
106	Antibacterial activities with the structure-activity relationship of coumarin derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 207, 112832	6.8	45
105	Protocol for Stereoselective Construction of Highly Functionalized Dienyl Sulfonyl Fluoride Warheads. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 13721-13734	4.2	9
104	Room temperature clickable coupling electron deficient amines with sterically hindered carboxylic acids for the construction of amides. <i>Tetrahedron</i> , <b>2020</b> , 76, 131724	2.4	1
103	Construction of $\beta$ (Hetero)aryl Ethenesulfonyl Fluorides for SuFEx Click Chemistry. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 6101-6105	3.2	8
102	Applications of sulfonyl fluoride (SO <sub>2</sub> F <sub>2</sub> ) in chemical transformations. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 3490-3516	5.2	29
101	2-Azidoethane-1-sulfonylfluoride (ASF): A Versatile Bis-clickable Reagent for SuFEx and CuAAC Click Reactions. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 1763-1769	3.2	13
100	SO <sub>2</sub> F <sub>2</sub> mediated dehydrative cross-coupling of alcohols with electron-deficient olefins in DMSO using a Pd-catalyst: one-pot transformation of alcohols into 1,3-dienes. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 796-800	5.2	15
99	Radical scavenging and anti-inflammatory activities of (hetero)arylethenesulfonyl fluorides: Synthesis and structure-activity relationship (SAR) and QSAR studies. <i>Bioorganic Chemistry</i> , <b>2019</b> , 89, 103015	5.1	19
98	Rh-Catalyzed Annulative Insertion of Terminal Olefin onto Pyridines via a C-H Activation Strategy Using Ethenesulfonyl Fluoride as Ethylene Provider. <i>Organic Letters</i> , <b>2019</b> , 21, 4495-4499	6.2	9
97	Facile one-pot synthesis of sulfonyl fluorides from sulfonates or sulfonic acids.. <i>RSC Advances</i> , <b>2019</b> , 9, 13863-13867	3.7	15
96	Regioselective installation of fluorosulfate (-OSOF) functionality into aromatic C(sp)-H bonds for the construction of para-amino-arylfluorosulfates. <i>Chemical Communications</i> , <b>2019</b> , 55, 6273-6276	5.8	8
95	SOF mediated transformation of pyrazolones into pyrazolyl fluorosulfates. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 5001-5008	3.9	9
94	SOF-mediated transformation of 2Hydroxyacetophenones to benzo-oxetes. <i>Beilstein Journal of Organic Chemistry</i> , <b>2019</b> , 15, 976-980	2.5	6
93	Recent Developments in Radical-Mediated Transformations of Organohalides. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 2769-2806	3.2	30
92	Clickable coupling of carboxylic acids and amines at room temperature mediated by SOF: a significant breakthrough for the construction of amides and peptide linkages. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 4087-4101	3.9	32
91	Cascade Process for Direct Transformation of Aldehydes (RCHO) to Nitriles (RCN) Using Inorganic Reagents NHOH/NaCO/SOF in DMSO. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 5803-5812	4.2	34
90	A Transition-Metal-Free One-Pot Cascade Process for Transformation of Primary Alcohols (RCH <sub>2</sub> OH) to Nitriles (RCN) Mediated by SO <sub>2</sub> F <sub>2</sub> . <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 3190-3194 <sup>17</sup>	3.3	17

89	Synthetic approaches and pharmaceutical applications of chloro-containing molecules for drug discovery: A critical review. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 173, 117-153	6.8	80
88	Transition-metal-free regioselective construction of 1,5-diaryl-1,2,3-triazoles through dehydrative cycloaddition of alcohols with aryl azides mediated by SOF. <i>Chemical Communications</i> , <b>2019</b> , 55, 2845-2848	5.8	29
87	The significance of N-methylpicolinamides in the development of anticancer therapeutics: Synthesis and structure-activity relationship (SAR) studies. <i>Bioorganic Chemistry</i> , <b>2019</b> , 86, 513-537	5.1	19
86	A Simple, Mild and General Oxidation of Alcohols to Aldehydes or Ketones by SO <sub>2</sub> F <sub>2</sub> /K <sub>2</sub> CO <sub>3</sub> Using DMSO as Solvent and Oxidant. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 2262-2267	5.6	27
85	Installation of -SOF groups onto primary amides. <i>Beilstein Journal of Organic Chemistry</i> , <b>2019</b> , 15, 1907-1912	5.2	5
84	Construction of Esters through Sulfuryl Fluoride (SO <sub>2</sub> F <sub>2</sub> ) Mediated Dehydrative Coupling of Carboxylic Acids with Alcohols at Room Temperature. <i>Synthesis</i> , <b>2019</b> , 51, 3901-3907	2.9	4
83	Discovery of Bultone-fused pyrazoles for treating Alzheimer's disease: Design, synthesis, biological evaluation and SAR studies. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 181, 111598	6.8	23
82	Stereoselective Construction of Nitrile-Substituted Cyclopropanes from 2-Substituted Ethenesulfonyl Fluorides via Carbon-Sulfur Bond Cleavage. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 4596-4601	5.6	8
81	Synthetic routes and structure-activity relationships (SAR) of anti-HIV agents: A key review. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 181, 111566	6.8	8
80	Converting (E)-(Hetero)arylethanesulfonyl Fluorides to (Z)-(Hetero)arylethanesulfonyl Fluorides Under Light Irradiation. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 4597-4603	3.2	8
79	A SO <sub>2</sub> F <sub>2</sub> mediated mild, practical, and gram-scale dehydroxylative transforming primary alcohols to quaternary ammonium salts. <i>Tetrahedron</i> , <b>2019</b> , 75, 4648-4656	2.4	4
78	Making Carbonyls of Amides Nucleophilic and Hydroxyls of Alcohols Electrophilic Mediated by SOF for Synthesis of Esters from Amides. <i>Organic Letters</i> , <b>2019</b> , 21, 8657-8661	6.2	10
77	Rh(I)Diene-Catalyzed Addition of (Hetero)aryl Functionality to 1,3-Dienylsulfonyl Fluorides Achieving Exclusive Regioselectivity and High Enantioselectivity: Generality and Mechanism. <i>ACS Catalysis</i> , <b>2019</b> , 9, 10477-10488	13.1	17
76	Rh-Catalyzed Highly Enantioselective Synthesis of Aliphatic Sulfonyl Fluorides. <i>IScience</i> , <b>2019</b> , 21, 695-706	6.1	20
75	SOF mediated cascade dehydrogenative Morita-Baylis-Hillman reaction of the C(sp)-H of primary alcohols with the C(sp)-H of electron-deficient olefins for the assembly of allylic alcohols. <i>RSC Advances</i> , <b>2019</b> , 9, 29784-29787	3.7	4
74	Discovery of novel arylethanesulfonyl fluorides as potential candidates against methicillin-resistant of <i>Staphylococcus aureus</i> (MRSA) for overcoming multidrug resistance of bacterial infections. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 162, 364-377	6.8	52
73	Pharmaceutical and medicinal significance of sulfur (S)-Containing motifs for drug discovery: A critical review. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 162, 679-734	6.8	181
72	Construction of Di(hetero)arylmethanes Through Pd-Catalyzed Direct Dehydroxylative Cross-Coupling of Benzylic Alcohols and Aryl Boronic Acids Mediated by Sulfuryl Fluoride (SO <sub>2</sub> F <sub>2</sub> ). <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 1801-1807	3.2	16

71	Innovative nano-carriers in anticancer drug delivery-a comprehensive review. <i>Bioorganic Chemistry</i> , <b>2019</b> , 85, 325-336	5.1	68
70	Rhodium(III)-catalyzed Oxidative Coupling of N-Methoxybenzamides and Ethenesulfonyl fluoride: a C-H Bond Activation Strategy for the Preparation of 2-Aryl ethenesulfonyl fluorides and Sulfonyl fluoride Substituted Lactams. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 1411-1415	5.2	36
69	Arylnaphthalene lactone analogues: synthesis and development as excellent biological candidates for future drug discovery.. <i>RSC Advances</i> , <b>2018</b> , 8, 9487-9502	3.7	33
68	Carbonylblefin metathesis: a key review. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 1381-1391	5.2	31
67	Pd-Catalyzed one-pot dehydroxylative coupling of phenols with K <sub>4</sub> [Fe(CN) <sub>6</sub> ] mediated by SO <sub>2</sub> F <sub>2</sub> : a practical method for the direct conversion of phenols to aryl nitriles. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 1835-1839	5.2	33
66	1-Bromoethene-1-sulfonyl fluoride (1-Br-ESF), a new SuFEx clickable reagent, and its application for regioselective construction of 5-sulfonylfluoro isoxazoles. <i>Chemical Communications</i> , <b>2018</b> , 54, 4477-4480	5.8	41
65	Development of piperazine-1-carbothioamide chitosan silver nanoparticles (P1C-Tit*CAgNPs) as a promising anti-inflammatory candidate: a molecular docking validation. <i>MedChemComm</i> , <b>2018</b> , 9, 713-724	5	18
64	Pd-Catalyzed One-Pot Dehydroxylative Coupling of Phenols and Amines under a Carbon Monoxide Atmosphere: A Chemical-Specific Discrimination for Arylcarboxylic Amide Synthesis. <i>Asian Journal of Organic Chemistry</i> , <b>2018</b> , 7, 751-756	3	20
63	Synthesis and Chemical Transformations of Fluorosulfates. <i>Asian Journal of Organic Chemistry</i> , <b>2018</b> , 7, 662-682	3	50
62	Master mechanisms of Staphylococcus aureus: consider its excellent protective mechanisms hindering vaccine development!. <i>Microbiological Research</i> , <b>2018</b> , 212-213, 59-66	5.3	33
61	Synthesis and biological evaluation of new tetramethylpyrazine-based chalcone derivatives as potential anti-Alzheimer agents. <i>Chemical Biology and Drug Design</i> , <b>2018</b> , 92, 1859-1866	2.9	19
60	A Rh-Catalyzed Air and Moisture Tolerable Aldehyde (Ketone)-Directed Fluorosulfonylvinylation of Aryl C(sp <sup>2</sup> )-H Bonds. <i>Organic Letters</i> , <b>2018</b> , 20, 4699-4703	6.2	44
59	A portal to a class of novel sultone-functionalized pyridines via an annulative SuFEx process employing earth abundant nickel catalysts. <i>Chemical Communications</i> , <b>2018</b> , 54, 9011-9014	5.8	23
58	Visible Light-Induced C-H Bond Functionalization: A Critical Review. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 4652-4698	5.6	93
57	Role of BP*CAgNPs in Bap-dependent multicellular behavior of clinically important methicillin-resistant Staphylococcus aureus (MRSA) biofilm adherence: A key virulence study. <i>Microbial Pathogenesis</i> , <b>2018</b> , 123, 275-284	3.8	33
56	Aryl fluorosulfate analogues as potent antimicrobial agents: SAR, cytotoxicity and docking studies. <i>Bioorganic Chemistry</i> , <b>2018</b> , 81, 107-118	5.1	33
55	Multi-targetable chalcone analogs to treat deadly Alzheimer's disease: Current view and upcoming advice. <i>Bioorganic Chemistry</i> , <b>2018</b> , 80, 86-93	5.1	57
54	Rh-Catalyzed Carboxylates Directed C-H Activation for the Synthesis of ortho-Carboxylic 2-Arylethenesulfonyl Fluorides: Access to Unique Electrophiles for SuFEx Click Chemistry. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 4407-4410	3.2	34

53	Recent Developments on Phenstatins as Potent Antimitotic Agents. <i>Current Medicinal Chemistry</i> , <b>2018</b> , 25, 2329-2352	4.3	3
52	Recent Development of Sulfonyl or Sulfonamide Hybrids as Potential Anticancer Agents: A Key Review. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2018</b> , 18, 488-505	2.2	52
51	Synthesis of novel benzodioxane midst piperazine moiety decorated chitosan silver nanoparticle against biohazard pathogens and as potential anti-inflammatory candidate: A molecular docking studies. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 108, 489-502	7.9	37
50	Podophyllotoxin derivatives as an excellent anticancer aspirant for future chemotherapy: A key current imminent needs. <i>Bioorganic and Medicinal Chemistry</i> , <b>2018</b> , 26, 340-355	3.4	70
49	Amino acids/peptides conjugated heterocycles: A tool for the recent development of novel therapeutic agents. <i>Bioorganic Chemistry</i> , <b>2018</b> , 76, 113-129	5.1	46
48	SOF-Mediated Oxidative Dehydrogenation and Dehydration of Alcohols to Alkynes. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 17666-17673	16.4	48
47	Visible-light initiated aerobic oxidations: a critical review. <i>Green Chemistry</i> , <b>2018</b> , 20, 4790-4833	10	114
46	Combating a Master Manipulator: Staphylococcus aureus Immunomodulatory Molecules as Targets for Combinatorial Drug Discovery. <i>ACS Combinatorial Science</i> , <b>2018</b> , 20, 681-693	3.9	38
45	Multi-targeted dihydrazones as potent biotherapeutics. <i>Bioorganic Chemistry</i> , <b>2018</b> , 81, 389-395	5.1	33
44	Vision for medicine: Staphylococcus aureus biofilm war and unlocking keyB for anti-biofilm drug development. <i>Microbial Pathogenesis</i> , <b>2018</b> , 123, 339-347	3.8	49
43	Cooperativity of axial and centre chirality in the biaryl disulfoxide/Rh(i)-catalysed asymmetric 1,4-addition of arylboronic acids to 2-cyclohexenone: a DFT study. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 2226-2233	3.9	4
42	Coumarins scaffolds as COX inhibitors. <i>Bioorganic Chemistry</i> , <b>2017</b> , 71, 146-159	5.1	56
41	Synthesis and mechanistic studies of curcumin analog-based oximes as potential anticancer agents. <i>Chemical Biology and Drug Design</i> , <b>2017</b> , 90, 443-449	2.9	33
40	Discovery of potential anticancer multi-targeted ligustrazine based cyclohexanone and oxime analogs overcoming the cancer multidrug resistance. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 135, 34-48	6.8	44
39	Development of combretastatins as potent tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , <b>2017</b> , 72, 130-147	5.1	55
38	Synthesis, SAR and molecular docking studies of benzo[d]thiazole-hydrazones as potential antibacterial and antifungal agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 3148-3155	2.9	54
37	A facile and mild Pd-catalyzed one-pot process for direct hydrodeoxygenation (HDO) phenols to arenes through a ArOSO <sub>2</sub> F intermediates transformation. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 2340-2343	2	37
36	Synthesis of benzo[ <i>e</i> ]thiazole-hydrazone analogues: molecular docking and SAR studies of potential H/K ATPase inhibitors and anti-inflammatory agents. <i>MedChemComm</i> , <b>2017</b> , 8, 1173-1189	5	28

35	Palladium-Catalyzed Fluorosulfonylvinylation of Organic Iodides. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 4849-4852	16.4	71
34	Palladium-Catalyzed Fluorosulfonylvinylation of Organic Iodides. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 4927-4930	5.6	25
33	Novel T-C@AgNPs mediated biocidal mechanism against biofilm associated methicillin-resistant (Bap-MRSA) 090, cytotoxicity and its molecular docking studies. <i>MedChemComm</i> , <b>2017</b> , 8, 2181-2194	5	36
32	Benzisoxazole: a privileged scaffold for medicinal chemistry. <i>MedChemComm</i> , <b>2017</b> , 8, 2023-2039	5	42
31	Characterization of the Rh /dppe-Catalyzed Ring Expansion of 2-Alkyl-Benzocyclobutenones by DFT Calculations. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 15997-16003	4.8	2
30	Synthesis of a Class of Fused Sultone Heterocycles via DBU-Catalyzed Direct Annulative SuFEx Click of Ethenesulfonyl Fluorides and Pyrazolones or 1,3-Dicarbonyl Compounds. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 3254-3260	5.6	25
29	SO <sub>2</sub> -Mediated One-Pot Synthesis of Aryl Carboxylic Acids and Esters from Phenols through a Pd-Catalyzed Insertion of Carbon Monoxide. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 2323-2331	4.5	34
28	Gram-Scale Synthesis of $\alpha$ -(Hetero)arylethenesulfonyl Fluorides via a Pd(OAc) <sub>2</sub> Catalyzed Oxidative Heck Process with DDQ or AgNO <sub>3</sub> as an Oxidant. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 3237-3242	5.6	43
27	Bulky Phosphane Ligand for Monoselective Ruthenium-Catalyzed, Directed <i>ortho</i> -C-H Arylation with Challenging Aryl Chlorides. <i>Synlett</i> , <b>2017</b> , 28, 499-503	2.2	7
26	Synthesis of new arylisoxazole-oxindole conjugates as potent antiproliferative agents. <i>Chemical Biology and Drug Design</i> , <b>2017</b> , 89, 634-638	2.9	5
25	Emerging Trends in Therapeutic Algorithm of Chronic Wound Healers: Recent Advances in Drug Delivery Systems, Concepts-to-Clinical Application and Future Prospects. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , <b>2017</b> , 34, 387-452	2.8	20
24	Chemoselective synthesis of diaryl disulfides via a visible light-mediated coupling of arenediazonium tetrafluoroborates and CS. <i>Beilstein Journal of Organic Chemistry</i> , <b>2017</b> , 13, 903-909	2.5	15
23	Synthesis and molecular docking studies of xanthone attached amino acids as potential antimicrobial and anti-inflammatory agents. <i>MedChemComm</i> , <b>2017</b> , 8, 1706-1719	5	48
22	Drug nanocarrier, the future of atopic diseases: Advanced drug delivery systems and smart management of disease. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 147, 475-491	6	38
21	Palladium-catalyzed Mizoroki-Heck-type reactions of [PhSR][OTf] with alkenes at room temperature. <i>Chemical Communications</i> , <b>2016</b> , 52, 11893-11896	5.8	46
20	Evaluation of multifunctional synthetic tetralone derivatives for treatment of Alzheimer's disease. <i>Chemical Biology and Drug Design</i> , <b>2016</b> , 88, 889-898	2.9	16
19	[Ru(bpy) <sub>3</sub> ]Cl <sub>2</sub> -catalyzed aerobic oxidative cleavage of diketones to carboxylic acids under visible light irradiation. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 5628-5631	2	9
18	Pd-catalyzed divergent trifluoroethylation and arylation of arylboronic acids by aryl(2,2,2-trifluoroethyl)iodonium triflates. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 7654-8	3.9	20

17	Palladium-Catalyzed Arylation of Arylboronic Acids with Yagupolskii-Umemoto Reagents. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 6542-6	4.8	42
16	Ruthenium-catalyzed direct arylations with aryl chlorides. <i>RSC Advances</i> , <b>2016</b> , 6, 30875-30885	3.7	38
15	Synthesis of $\beta$ -Unsaturated Carbonyl-Based Compounds, Oxime and Oxime Ether Analogs as Potential Anticancer Agents for Overcoming Cancer Multidrug Resistance by Modulation of Efflux Pumps in Tumor Cells. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 3549-61	8.3	60
14	A Metal-Free Diverse Synthesis of Difluoromethylthioethers and Difluorobis(arylthio)methanes from RSX (X = SR, Cl, SO <sub>2</sub> Ph) and TMSCF <sub>2</sub> H. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 2506-12	4.2	37
13	Natural Proline-Rich Cyclopolypeptides from Marine Organisms: Chemistry, Synthetic Methodologies and Biological Status. <i>Marine Drugs</i> , <b>2016</b> , 14,	6	54
12	Biological evaluation of synthetic $\beta$ -unsaturated carbonyl based cyclohexanone derivatives as neuroprotective novel inhibitors of acetylcholinesterase, butyrylcholinesterase and amyloid- $\beta$ aggregation. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 2352-9	3.4	30
11	A Heck-Matsuda Process for the Synthesis of $\beta$ -Arylethenesulfonyl Fluorides: Selectively Addressable Bis-electrophiles for SuFEx Click Chemistry. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 14361-14364	3.6	32
10	A Heck-Matsuda Process for the Synthesis of $\beta$ -Arylethenesulfonyl Fluorides: Selectively Addressable Bis-electrophiles for SuFEx Click Chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 14155-14158	16.4	95
9	Transmetalation from B to Rh in the course of the catalytic asymmetric 1,4-addition reaction of phenylboronic acid to enones: a computational comparison of diphosphane and diene ligands. <i>Dalton Transactions</i> , <b>2015</b> , 44, 2737-46	4.3	10
8	Molecular docking studies and biological evaluation of chalcone based pyrazolines as tyrosinase inhibitors and potential anticancer agents. <i>RSC Advances</i> , <b>2015</b> , 5, 46330-46338	3.7	41
7	Computational modelling of the enantioselectivity in the asymmetric 1,4-addition of phenylboronic acid to a bulky, doubly pro-chiral maleimide catalyzed by a Rh/chiral diene complex. <i>RSC Advances</i> , <b>2015</b> , 5, 74541-74547	3.7	6
6	The challenge of linear (E)-enones in the Rh-catalyzed, asymmetric 1,4-addition reaction of phenylboronic acid: a DFT computational analysis. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 3079-86	4.8	16
5	Diversified facile synthesis of benzimidazoles, quinazolin-4(3H)-ones and 1,4-benzodiazepine-2,5-diones via palladium-catalyzed transfer hydrogenation/condensation cascade of nitro arenes under microwave irradiation. <i>RSC Advances</i> , <b>2015</b> , 5, 11132-11135	3.7	18
4	Computational modelling of the enantioselectivity in the asymmetric 1,4-addition reaction catalyzed by a Rh complex of a S-chiral disulfoxide. <i>RSC Advances</i> , <b>2015</b> , 5, 5250-5255	3.7	12
3	A first-principles examination of the asymmetric induction model in the binap/Rh(I)-catalysed 1,4-addition of phenylboronic acid to cyclic enones by density functional theory calculations. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 12982-7	4.8	15
2	Computational and experimental comparison of diphosphane and diene ligands in the Rh-catalysed carboxylation of organoboron compounds with CO <sub>2</sub> . <i>Green Chemistry</i> , <b>2014</b> , 16, 3224	10	13
1	Regio- and Stereoselective Installation of Bromide onto Vinyl Sulfonyl Fluorides: Construction of a Class of Versatile Sulfur Fluoride Exchange Hubs. <i>Organic Letters</i> ,	6.2	0