

Siegfried R Waldvogel

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.

310
papers

11,581
citations

56
h-index

94
g-index

404
ext. papers

13,870
ext. citations

6.1
avg, IF

7.26
L-index

#	Paper	IF	Citations
310	Opportunities and challenges of thin-film boron-doped diamond electrochemistry for valuable resources recovery from waste: Organic, inorganic, and volatile product electro-synthesis. <i>Current Opinion in Electrochemistry</i> , 2022 , 32, 100903	7.2	0
309	Trendbericht Organische Chemie 2022. <i>Nachrichten Aus Der Chemie</i> , 2022 , 70, 42-69	0.1	
308	Selective Degradation of Lignosulfonate and Lignin with Periodate to 5-Iodovanillin (Adv. Sustainable Syst. 4/2022). <i>Advanced Sustainable Systems</i> , 2022 , 6, 2270010	5.9	1
307	Beyond Kolbe and Hofer-Moest: Electrochemical Synthesis of Carboxylic Anhydrides from Carboxylic Acids.. <i>ChemistryOpen</i> , 2022 , 11, e202200059	2.3	0
306	Reproducibility in Electroorganic Synthesis-Myths and Misunderstandings. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14750-14759	16.4	40
305	Reproduzierbarkeit in der elektroorganischen Synthese [Mythen und Missverständnisse. <i>Angewandte Chemie</i> , 2021 , 133, 14874-14883	3.6	9
304	Developments in the Dehydrogenative Electrochemical Synthesis of 3,3',5,5'-Tetramethyl-2,2'-biphenol. <i>Chemistry - A European Journal</i> , 2021 , 27, 8252-8263	4.8	4
303	Electrosynthetic Screening and Modern Optimization Strategies for Electrosynthesis of Highly Value-added Products. <i>ChemElectroChem</i> , 2021 , 8, 2621-2629	4.3	12
302	Electrosynthesis of Stable Betulin-Derived Nitrile Oxides and their Application in Synthesis of Cytostatic Lupane-Type Triterpenoid-Isoxazole Conjugates. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 2557-2577	3.2	4
301	Electrosynthetic Screening and Modern Optimization Strategies for Electrosynthesis of Highly Value-added Products. <i>ChemElectroChem</i> , 2021 , 8, 2620-2620	4.3	
300	Electrochemical Installation of CFH-, CFH-, CF-, and Perfluoroalkyl Groups into Small Organic Molecules. <i>Chemical Record</i> , 2021 , 21, 2502-2525	6.6	7
299	Get into flow: Design of experiments as a key technique in the optimization of anodic dehydrogenative C,C cross-coupling reaction of phenols in flow electrolyzers. <i>Electrochimica Acta</i> , 2021 , 368, 137420	6.7	13
298	Electrosynthesis of 3,3',5,5'-Tetramethyl-2,2'-biphenol in Flow. <i>Journal of Flow Chemistry</i> , 2021 , 11, 143-162	3.62	3
297	The sustainable synthesis of levetiracetam by an enzymatic dynamic kinetic resolution and an ex-cell anodic oxidation. <i>Green Chemistry</i> , 2021 , 23, 388-395	10	12
296	Electrochemical synthesis of sulfamides. <i>Chemical Communications</i> , 2021 , 57, 4775-4778	5.8	7
295	Sustainable and cost-efficient electro-synthesis of formamidinium acetate from cyanamide in aqueous acidic electrolyte. <i>Green Chemistry</i> , 2021 , 23, 3289-3294	10	1
294	Merging shuttle reactions and paired electrolysis for reversible vicinal dihalogenations. <i>Science</i> , 2021 , 371, 507-514	33.3	34

293	Facile access to foldable redox-active flavin-peptide conjugates. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 4483-4486	3.9	1
292	Comprehensive valorisation of technically relevant organosolv lignins via anodic oxidation. <i>Green Chemistry</i> , 2021 , 23, 6449-6455	10	5
291	Metal-Free Electrochemical Synthesis of Sulfonamides Directly from (Hetero)arenes, SO ₂ , and Amines. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5056-5062	16.4	20
290	Metallfreie, elektrochemische Synthese von Sulfonamiden direkt aus (Hetero)arenen, SO ₂ und Aminen. <i>Angewandte Chemie</i> , 2021 , 133, 5114-5120	3.6	4
289	Cathodic Corrosion of Metal Electrodes-How to Prevent It in Electroorganic Synthesis. <i>Chemical Reviews</i> , 2021 , 121, 10241-10270	68.1	17
288	Electrochemical Oxidative C-C Bond Formation 2021 , 29-43		
287	Optimization Strategies for the Anodic Phenol-Arene Cross-Coupling Reaction. <i>ChemElectroChem</i> , 2021 , 8, 3904	4.3	3
286	Electrochemical Nitration with Nitrite. <i>ChemSusChem</i> , 2021 , 14, 4936-4940	8.3	2
285	Anodic Dehydrogenative Cyanamidation of Thioethers: Simple and Sustainable Synthesis of N-Cyanosulfilimines. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23197-23201	16.4	7
284	Advances in photochemical and electrochemical incorporation of sulfur dioxide for the synthesis of value-added compounds. <i>Chemical Communications</i> , 2021 , 57, 8236-8249	5.8	13
283	Electro-organic synthesis - a 21 century technique. <i>Chemical Science</i> , 2020 , 11, 12386-12400	9.4	148
282	Charged Tags for the Identification of Oxidative Drug Metabolites Based on Electrochemistry and Mass Spectrometry. <i>ChemistryOpen</i> , 2020 , 9, 568-572	2.3	2
281	Metal-free electrochemical fluorodecarboxylation of aryloxyacetic acids to fluoromethyl aryl ethers. <i>Chemical Science</i> , 2020 , 11, 6053-6057	9.4	19
280	Supporting-Electrolyte-Free and Scalable Flow Process for the Electrochemical Synthesis of 3,3',5,5'-Tetramethyl-2,2'-biphenol. <i>Organic Process Research and Development</i> , 2020 , 24, 2347-2355	3.9	14
279	Die grüne elektrochemische Synthese von Periodat. <i>Angewandte Chemie</i> , 2020 , 132, 8112-8118	3.6	6
278	The "Green" Electrochemical Synthesis of Periodate. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8036-8041	16.4	23
277	Electrochemical formation of N,N'-diarylhydrazines by dehydrogenative N-N homocoupling reaction. <i>Chemical Communications</i> , 2020 , 56, 4348-4351	5.8	10
276	Recent Advances in the Electrochemical Reduction of Substrates Involving N-O Bonds. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 2088-2101	5.6	21

275	Electrochemical C-H Functionalization of (Hetero)Arenes-Optimized by DoE. <i>Chemistry - A European Journal</i> , 2020 , 26, 10195-10198	4.8	15
274	Selective and Scalable Electrosynthesis of 2H-2-(Aryl)-benzo[d]-1,2,3-triazoles and Their N-Oxides by Using Leaded Bronze Cathodes. <i>Chemistry - A European Journal</i> , 2020 , 26, 5592-5597	4.8	8
273	Outstandingly robust anodic dehydrogenative aniline coupling reaction. <i>Electrochimica Acta</i> , 2020 , 337, 135786	6.7	8
272	Selective and Scalable Electrosynthesis of 2H-2-(Aryl)-benzo[d]-1,2,3-triazoles and Their N-Oxides by Using Leaded Bronze Cathodes. <i>Chemistry - A European Journal</i> , 2020 , 26, 5556	4.8	
271	Citric Acid Based Carbon Dots with Amine Type Stabilizers: pH-Specific Luminescence and Quantum Yield Characteristics. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 8894-8904	3.8	30
270	Exploration of the Solid-State Sorption Properties of Shape-Persistent Macrocyclic Nanocarbons as Bulk Materials and Small Aggregates. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8763-8775	16.4	39
269	Metal- and Reagent-Free Electrochemical Synthesis of Alkyl Arylsulfonates in a Multi-Component Reaction. <i>Chemistry - A European Journal</i> , 2020 , 26, 8358-8362	4.8	12
268	Influence of the excitation conditions on the emission behavior of carbon nanodot-based planar microcavities. <i>Physical Review Research</i> , 2020 , 2,	3.9	2
267	Does electrifying organic synthesis pay off? The energy efficiency of electro-organic conversions. <i>MRS Energy & Sustainability</i> , 2020 , 7, 1	2.2	19
266	Dehydrogenative Anodic C-C Coupling of Phenols Bearing Electron-Withdrawing Groups. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 315-319	16.4	42
265	Large, Highly Modular Narrow-Gap Electrolytic Flow Cell and Application in Dehydrogenative Cross-Coupling of Phenols. <i>Organic Process Research and Development</i> , 2020 , 24, 1916-1926	3.9	21
264	A Decade of Electrochemical Dehydrogenative C,C-Coupling of Aryls. <i>Accounts of Chemical Research</i> , 2020 , 53, 45-61	24.3	155
263	Electrosynthesis 2.0 in 1,1,1,3,3,3-Hexafluoroisopropanol/Amine Mixtures. <i>ChemElectroChem</i> , 2020 , 7, 3686-3694	4.3	18
262	Mass-Spectrometric Imaging of Electrode Surfaces-a View on Electrochemical Side Reactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20428-20433	16.4	7
261	Mass-Spectrometric Imaging of Electrode Surfaces View on Electrochemical Side Reactions. <i>Angewandte Chemie</i> , 2020 , 132, 20608-20613	3.6	2
260	Electrochemical Synthesis of Carbazoles by Dehydrogenative Coupling Reaction. <i>Chemistry - A European Journal</i> , 2020 , 26, 15847-15851	4.8	13
259	Metal-Free Twofold Electrochemical C-H Amination of Activated Arenes: Application to Medicinally Relevant Precursor Synthesis. <i>Chemistry - A European Journal</i> , 2020 , 26, 17574-17580	4.8	6
258	Sustainable electroorganic synthesis of lignin-derived dicarboxylic acids. <i>Green Chemistry</i> , 2020 , 22, 5956-5960	12	

257	Dehydrierende anodische C-C-Kupplung von Phenolen mit elektronenziehenden Substituenten. <i>Angewandte Chemie</i> , 2020 , 132, 323-327	3.6	8
256	High-Temperature Electrolysis of Kraft Lignin for Selective Vanillin Formation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 7300-7307	8.3	23
255	Synthesis of a Bcl9 Alpha-Helix Mimetic for Inhibition of PPIs by a Combination of Electrooxidative Phenol Coupling and Pd-Catalyzed Cross Coupling. <i>Catalysts</i> , 2020 , 10, 340	4	3
254	About the selectivity and reactivity of active nickel electrodes in C-C coupling reactions.. <i>RSC Advances</i> , 2020 , 10, 14249-14253	3.7	9
253	Biogene Produkte: Guter Geschmack aus Holz. <i>Nachrichten Aus Der Chemie</i> , 2020 , 68, 42-44	0.1	1
252	Fluorocyclization of -Propargylamides to Oxazoles by Electrochemically Generated ArIF. <i>Organic Letters</i> , 2019 , 21, 7893-7896	6.2	41
251	Simple and scalable electrochemical synthesis of 2,1-benzisoxazoles and quinoline N-oxides. <i>Chemical Communications</i> , 2019 , 55, 12255-12258	5.8	19
250	Simple electrochemical reduction of nitrones to amines. <i>Chemical Science</i> , 2019 , 10, 2044-2047	9.4	14
249	Electrochemical Synthesis of Aryl Methoxymethyl Ethers. <i>ChemElectroChem</i> , 2019 , 6, 4180-4183	4.3	10
248	Electrochemical Synthesis of Fluorinated Orthoesters from 1,3-Benzodioxoles. <i>ChemistryOpen</i> , 2019 , 8, 1167-1171	2.3	12
247	Biobased Epoxy Resin by Electrochemical Modification of Tall Oil Fatty Acids. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 10855-10864	8.3	19
246	Synthesis of Highly Functionalized N,N-Diarylamides by an Anodic C,N-Coupling Reaction. <i>Chemistry - A European Journal</i> , 2019 , 25, 7835-7838	4.8	11
245	Influence of the Nature of Boron-Doped Diamond Anodes on the Dehydrogenative Phenol-Phenol Cross-Coupling. <i>ChemElectroChem</i> , 2019 , 6, 2771-2776	4.3	14
244	Direct Metal- and Reagent-Free Sulfonylation of Phenols with Sodium Sulfinates by Electrosynthesis. <i>Chemistry - A European Journal</i> , 2019 , 25, 6891-6895	4.8	33
243	Process Development for Wet-Chemical Surface Functionalization of Gallium Arsenide Based Nanowires. <i>Physica Status Solidi (B): Basic Research</i> , 2019 , 256, 1800678	1.3	1
242	Leaded Bronze Alloy as a Catalyst for the Electroreduction of CO ₂ . <i>ChemElectroChem</i> , 2019 , 6, 2324-2330	4.3	10
241	Microporous Triptycene-Based Affinity Materials on Quartz Crystal Microbalances for Tracing of Illicit Compounds. <i>ChemPlusChem</i> , 2019 , 84, 1239-1244	2.8	9
240	Trends of Organic Electrosynthesis by Using Boron-Doped Diamond Electrodes. <i>Topics in Applied Physics</i> , 2019 , 173-197	0.5	7

- 239 Red-Shifted Absorption of C-Dots for Utilization in Hybrid Nano-Optoelectronics by Application of Systematically Synthesized Precursor Molecules. *Physica Status Solidi (B): Basic Research*, **2019**, 256, 1800-1803 1.3 2
- 238 Investigations on isomerization and rearrangement of polycyclic arenes under oxidative conditions [Anodic versus reagent-mediated reactions]. *Electrochimica Acta*, **2019**, 302, 310-315 6.7 6
- 237 Optical Sensor for Real-Time Detection of Trichlorofluoromethane. *Sensors*, **2019**, 19, 3.8 8
- 236 Interfacial Domain Formation Enhances Electrochemical Synthesis. *Journal of Physical Chemistry Letters*, **2019**, 10, 1192-1197 6.4 19
- 235 Anodic Formation of Aryl Mesylates through Dehydrogenative Coupling Reaction. *ChemElectroChem*, **2019**, 6, 121-125 4.3 2
- 234 Sustainable access to biobased biphenol epoxy resins by electrochemical dehydrogenative dimerization of eugenol. *Green Chemistry*, **2019**, 21, 4815-4823 10 27
- 233 Straightforward Electrochemical Sulfonylation of Arenes and Aniline Derivatives using Sodium Sulfinates. *ChemElectroChem*, **2019**, 6, 4450-4455 4.3 15
- 232 Selective and Scalable Dehydrogenative Electrochemical Synthesis of 3,3',5,5'-Tetramethyl-2,2'-biphenol. *Synlett*, **2019**, 30, 2062-2067 2.2 8
- 231 Total Synthesis of (-)-Oxycodone via Anodic Aryl-Aryl Coupling. *Organic Letters*, **2019**, 21, 1828-1831 6.2 37
- 230 Anodic Degradation of Lignin at Active Transition Metal-based Alloys and Performance-enhanced Anodes. *ChemElectroChem*, **2019**, 6, 155-161 4.3 30
- 229 Electrochemical Fluorocyclization of N-Allylcarboxamides to 2-Oxazolines by Hypervalent Iodine Mediator. *Organic Letters*, **2019**, 21, 242-245 6.2 62
- 228 Dehydrogenative Anodic Cyanation Reaction of Phenols in Benzylic Positions. *ChemElectroChem*, **2019**, 6, 4184-4187 4.3 11
- 227 Electrochemical Synthesis of 2-Hydroxy-para-terphenyls by Dehydrogenative Anodic C-C Cross-Coupling Reaction. *Synlett*, **2019**, 30, 1174-1177 2.2 13
- 226 Selective Formation of 4,4'-Biphenols by Anodic Dehydrogenative Cross- and Homo-Coupling Reaction. *Chemistry - A European Journal*, **2019**, 25, 2713-2716 4.8 21
- 225 Use of Boron-Doped Diamond Electrodes in Electro-Organic Synthesis. *ChemElectroChem*, **2019**, 6, 1649-1660 4.6 73
- 224 Mo-Based Oxidizers as Powerful Tools for the Synthesis of Thia- and Selenaheterocycles. *Chemistry - A European Journal*, **2019**, 25, 1936-1940 4.8 13
- 223 Solvent Control in Electro-Organic Synthesis. *Synlett*, **2019**, 30, 275-286 2.2 39
- 222 A solvent-directed stereoselective and electrocatalytic synthesis of diisoeugenol. *Chemical Communications*, **2018**, 54, 2771-2773 5.8 32

221	Metal- and Reagent-Free Anodic C-C Cross-Coupling of Phenols with Benzofurans leading to a Furan Metathesis. <i>Chemistry - A European Journal</i> , 2018 , 24, 6057-6061	4.8	41
220	Metal- and Reagent-Free Anodic Dehydrogenative Cross-Coupling of Naphthylamines with Phenols. <i>ChemElectroChem</i> , 2018 , 5, 1249-1252	4.3	30
219	Modern Electrochemical Aspects for the Synthesis of Value-Added Organic Products. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6018-6041	16.4	518
218	Moderne Aspekte der Elektrochemie zur Synthese hochwertiger organischer Produkte. <i>Angewandte Chemie</i> , 2018 , 130, 6124-6149	3.6	185
217	Elektrifizierung der organischen Synthese. <i>Angewandte Chemie</i> , 2018 , 130, 5694-5721	3.6	233
216	Electrifying Organic Synthesis. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5594-5619	16.4	650
215	Aktive Anode auf Molybdänbasis für dehydrierende Kupplungen. <i>Angewandte Chemie</i> , 2018 , 130, 2475-2479	3.6	21
214	Enhancement of the Sub-Band-Gap Photoconductivity in ZnO Nanowires through Surface Functionalization with Carbon Nanodots. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 1852-1859	3.8	16
213	Active Molybdenum-Based Anode for Dehydrogenative Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2450-2454	16.4	46
212	Metal- and Reagent-Free Anodic Dehydrogenative Cross-Coupling of Naphthylamines with Phenols. <i>ChemElectroChem</i> , 2018 , 5, 1244-1244	4.3	
211	A very simple one-pot electro-synthesis of nitrones starting from nitro and aldehyde components. <i>Green Chemistry</i> , 2018 , 20, 2013-2017	10	22
210	Direct Anodic Dehydrogenative Cross- and Homo-Coupling of Formanilides. <i>ChemElectroChem</i> , 2018 , 5, 2069-2072	4.3	18
209	Regioselektive metall- und reagenzfreie Arylierung von Benzothiophenen durch dehydrierende Elektrosynthese. <i>Angewandte Chemie</i> , 2018 , 130, 13509-13513	3.6	34
208	Regioselective Metal- and Reagent-Free Arylation of Benzothiophenes by Dehydrogenative Electrosynthesis. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13325-13329	16.4	64
207	Methyl-Substituted β -Cyclodextrin as Affinity Material for Storage, Separation, and Detection of Trichlorofluoromethane. <i>Global Challenges</i> , 2018 , 2, 1800057	4.3	3
206	Direct electrochemical generation of organic carbonates by dehydrogenative coupling. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 1578-1582	2.5	4
205	Electro-conversion as sustainable method for the fine chemical production from the biopolymer lignin. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2018 , 14, 19-25	7.9	37
204	Mild, Fast, and Easy To Conduct MoCl-Mediated Dehydrogenative Coupling Reactions in Flow. <i>Organic Letters</i> , 2018 , 20, 4107-4110	6.2	9

203	Electrochemical Conversion of Phthaldianilides to Phthalazin-1,4-diones by Dehydrogenative N-N Bond Formation. <i>Chemistry - A European Journal</i> , 2018 , 24, 590-593	4.8	32
202	Leaded Bronze: An Innovative Lead Substitute for Cathodic Electrosynthesis. <i>ChemElectroChem</i> , 2018 , 5, 247-252	4.3	18
201	Innenrücktitelbild: Metall- und reagensfreie dehydrierende formale Benzyl-Aryl-Kreuzkupplung durch anodische Aktivierung in 1,1,1,3,3,3-Hexafluorpropan-2-ol (Angew. Chem. 37/2018). <i>Angewandte Chemie</i> , 2018 , 130, 12355-12355	3.6	1
200	Shifting the Photoresponse of ZnO Nanowires into the Visible Spectral Range by Surface Functionalization with Tailor-Made Carbon Nanodots. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 29479-29487	3.8	4
199	Electrochemical Synthesis of 5-Aryl-phenanthridin-6-one by Dehydrogenative N,C Bond Formation. <i>Chemistry - A European Journal</i> , 2018 , 24, 17230-17233	4.8	39
198	Innentitelbild: Regioselektive metall- und reagenzfreie Arylierung von Benzothiophenen durch dehydrierende Elektrosynthese (Angew. Chem. 40/2018). <i>Angewandte Chemie</i> , 2018 , 130, 13162-13162	3.6	
197	Electrochemical Formation of 3,5-Diimido-1,2-dithiolanes by Dehydrogenative Coupling. <i>Organic Letters</i> , 2018 , 20, 6785-6788	6.2	14
196	Metall- und reagensfreie dehydrierende formale Benzyl-Aryl-Kreuzkupplung durch anodische Aktivierung in 1,1,1,3,3,3-Hexafluorpropan-2-ol. <i>Angewandte Chemie</i> , 2018 , 130, 12312-12317	3.6	36
195	A Regio- and Diastereoselective Anodic Aryl-Aryl Coupling in the Biomimetic Total Synthesis of (-)-Thebaine. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11055-11059	16.4	45
194	Metal- and Reagent-Free Dehydrogenative Formal Benzyl-Aryl Cross-Coupling by Anodic Activation in 1,1,1,3,3,3-Hexafluorpropan-2-ol. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12136-12140	16.4	64
193	Electrochemical instability of highly fluorinated tetraphenyl borates and syntheses of their respective biphenyls. <i>Chemical Communications</i> , 2018 , 54, 6128-6131	5.8	19
192	Eine regio- und diastereoselektive anodische Aryl-Aryl-Kupplung in der biomimetischen Totalsynthese von (±)-Thebain. <i>Angewandte Chemie</i> , 2018 , 130, 11221-11225	3.6	14
191	Electrochemical Arylation Reaction. <i>Chemical Reviews</i> , 2018 , 118, 6706-6765	68.1	413
190	The Catalytic Effect of Fluoroalcohol Mixtures Depends on Domain Formation. <i>ACS Catalysis</i> , 2017 , 7, 1846-1852	13.1	81
189	Toward Three-Dimensional Chemical Imaging of Ternary Cu-Sn-Pb Alloys Using Femtosecond Laser Ablation/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2017 , 89, 1632-1641	7.8	38
188	Treatment of black liquor (BL) by adsorption on AE resins and a subsequent electrochemical degradation of BL to obtain vanillin. <i>Holzforschung</i> , 2017 , 71, 35-41	2	27
187	Electrochemical synthesis of benzoxazoles from anilides - a new approach to employ amidyl radical intermediates. <i>Chemical Communications</i> , 2017 , 53, 2974-2977	5.8	71
186	Solvent-Adaptive Behavior of Oligospirobifluorenes at the Surface of Quartz Crystal Microbalances-A Conformational Process. <i>ChemPlusChem</i> , 2017 , 82, 1116-1120	2.8	3

185	Reagent- and Metal-Free Anodic C-C Cross-Coupling of Aniline Derivatives. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4877-4881	16.4	147
184	Systematic Investigation of Resorcin[4]arene-Based Cavitands as Affinity Materials on Quartz Crystal Microbalances. <i>ChemPlusChem</i> , 2017 , 82, 493-497	2.8	11
183	Innentitelbild: Reagens- und metallfreie anodische C-C-Kreuzkupplung von Anilinderivaten (Angew. Chem. 17/2017). <i>Angewandte Chemie</i> , 2017 , 129, 4704-4704	3.6	
182	Highly Modular Flow Cell for Electroorganic Synthesis. <i>Organic Process Research and Development</i> , 2017 , 21, 771-778	3.9	107
181	Twofold Electrochemical Amination of Naphthalene and Related Arenes. <i>ChemElectroChem</i> , 2017 , 4, 2196-2210	4.3	25
180	Synthesis of 9,9'-Spirobifluorenes and 4,5-Diaza-9,9'-spirobifluorenes and Their Application as Affinity Materials for Quartz Crystal Microbalances. <i>ChemPlusChem</i> , 2017 , 82, 758-769	2.8	3
179	The Role of Side-Arms for Supramolecular Affinity Materials Based on 9,9'-Spirobifluorenes. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 3501-3504	3.2	3
178	New Approach to 1,4-Benzoxazin-3-ones by Electrochemical C-H Amination. <i>Chemistry - A European Journal</i> , 2017 , 23, 12096-12099	4.8	47
177	Adsorption and separation of black liquor-derived phenol derivatives using anion exchange resins. <i>Separation and Purification Technology</i> , 2017 , 181, 8-17	8.3	22
176	Reagens- und metallfreie anodische C-C-Kreuzkupplung von Anilinderivaten. <i>Angewandte Chemie</i> , 2017 , 129, 4955-4959	3.6	69
175	Hybrid LEDs based on ZnO nanowire structures. <i>Materials Science in Semiconductor Processing</i> , 2017 , 69, 52-56	4.3	19
174	Scalable and Selective Preparation of 3,3',5,5'-Tetramethyl-2,2'-biphenol. <i>Organic Process Research and Development</i> , 2017 , 21, 79-84	3.9	3
173	Einfache und doppelte metall- und reagensfreie anodische C-C-Kreuzkupplung von Phenolen mit Thiophenen. <i>Angewandte Chemie</i> , 2017 , 129, 14920-14925	3.6	59
172	Single and Twofold Metal- and Reagent-Free Anodic C-C Cross-Coupling of Phenols with Thiophenes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14727-14731	16.4	116
171	One-Pot Synthesis to Quinone-Based Diaza[3.3]cyclophanes. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 7226-7230	3.2	
170	Synthesis of Optically Pure Arylamine Derivatives by Using the Bucherer Reaction. <i>ChemistrySelect</i> , 2017 , 2, 5860-5863	1.8	2
169	Solvent-Adaptive Behavior of Oligospirobifluorenes at the Surface of Quartz Crystal Microbalances- A Conformational Process. <i>ChemPlusChem</i> , 2017 , 82, 1115	2.8	
168	Insights into the Mechanism of Anodic N-N Bond Formation by Dehydrogenative Coupling. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12317-12324	16.4	127

167	Unexpected high robustness of electrochemical cross-coupling for a broad range of current density. <i>Science Advances</i> , 2017 , 3, eaao3920	14.3	68
166	Electrochemical Allylic Oxidation of Olefins: Sustainable and Safe. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12578-80	16.4	53
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18	Reversible enantiofacial differentiation of a single heterocyclic substrate by supramolecular receptors. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 2620-3	16.4	36
17	Caffeine--a drug with a surprise. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 604-5	16.4	34
16	Hochselektive Achtringbildung durch oxidative Cyclisierung mit Molybdänpentachlorid – ein umweltfreundlicher und preiswerter Zugang zu 2,2'-Cyclolignanen. <i>Angewandte Chemie</i> , 2002 , 114, 3103 ^{3,6}	20	
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14	Synthesis of a gold(I) complex with a (thio)phosphine-modified β -cyclodextrin. <i>Inorganic Chemistry Communication</i> , 2002 , 5, 252-254	3.1	12
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12	Dehydrodimerization of iodobenzenes to iodinated biaryls. <i>Chemical Communications</i> , 2002 , 1278-9	5.8	45
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10	Improved protocol for the synthesis of functionalized triphenylene ketals. <i>Tetrahedron Letters</i> , 2000 , 41, 4769-4772	2	27
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8	Regioselective Hydroformylation of Citronellene Using a Novel Rhodium-Catalyst. <i>Heterocycles</i> , 2000 , 52, 935	0.8	9
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5	Substituent effects in the rhodium-catalyzed hydroformylation of olefins using bis(diarylphosphino)methylamino ligands. <i>Tetrahedron Letters</i> , 1997 , 38, 5967-5970	2	28
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3	Mit β-Cyclodextrin-modifizierten Diphosphanen als Liganden zu supramolekularen Rhodiumkatalysatoren. <i>Angewandte Chemie</i> , 1997 , 109, 870-873	3.6	69
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1	Instrumentation for Electrosynthetic Screening and Preparative Electrolysis1-23		