Siegfried R Waldvogel

List of Publications by Citations

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	Electrifying Organic Synthesis. *Angewandte Chemie - International Edition*, **2018**, 57, 5594-5619	16.4	650
309	Modern Electrochemical Aspects for the Synthesis of Value-Added Organic Products. *Angewandte Chemie - International Edition*, **2018**, 57, 6018-6041	16.4	518
308	Electrochemical Arylation Reaction. *Chemical Reviews*, **2018**, 118, 6706-6765	68.1	413
307	Efficient anodic and direct phenol-arene C,C cross-coupling: the benign role of water or methanol. *Journal of the American Chemical Society*, **2012**, 134, 3571-6	16.4	258
306	Elektrifizierung der organischen Synthese. *Angewandte Chemie*, **2018**, 130, 5694-5721	3.6	233
305	Anodic phenol-arene cross-coupling reaction on boron-doped diamond electrodes. *Angewandte Chemie - International Edition*, **2010**, 49, 971-5	16.4	226
304	Cyclodextrin-Modified Diphosphanes as Ligands for Supramolecular Rhodium Catalysts. *Angewandte Chemie International Edition in English*, **1997**, 36, 865-867		199
303	Moderne Aspekte der Elektrochemie zur Synthese hochwertiger organischer Produkte. *Angewandte Chemie*, **2018**, 130, 6124-6149	3.6	185
302	Porous organic cage compounds as highly potent affinity materials for sensing by quartz crystal microbalances. *Advanced Materials*, **2012**, 24, 6049-52	24	166
301	Source of Selectivity in Oxidative Cross-Coupling of Aryls by Solvent Effect of 1,1,1,3,3,3-Hexafluoropropan-2-ol. *Chemistry - A European Journal*, **2015**, 21, 12321-5	4.8	162
300	Renaissance of electrosynthetic methods for the construction of complex molecules. *Angewandte Chemie - International Edition*, **2014**, 53, 7122-3	16.4	156
299	A Decade of Electrochemical Dehydrogenative C,C-Coupling of Aryls. *Accounts of Chemical Research* , **2020**, 53, 45-61	24.3	155
298	Electro-organic synthesis - a 21 century technique. *Chemical Science*, **2020**, 11, 12386-12400	9.4	148
297	Reagent- and Metal-Free Anodic C-C Cross-Coupling of Aniline Derivatives. *Angewandte Chemie - International Edition*, **2017**, 56, 4877-4881	16.4	147
296	Selective Synthesis of Partially Protected Nonsymmetric Biphenols by Reagent- and Metal-Free Anodic Cross-Coupling Reaction. *Angewandte Chemie - International Edition*, **2016**, 55, 11801-5	16.4	143
295	Synthesis of meta-Terphenyl-2,2''-diols by Anodic C-C Cross-Coupling Reactions. *Angewandte Chemie - International Edition*, **2016**, 55, 10872-6	16.4	138
294	Insights into the Mechanism of Anodic N-N Bond Formation by Dehydrogenative Coupling. *Journal of the American Chemical Society*, **2017**, 139, 12317-12324	16.4	127

293	Single and Twofold Metal- and Reagent-Free Anodic C-C Cross-Coupling of Phenols with Thiophenes. *Angewandte Chemie - International Edition*, **2017**, 56, 14727-14731	16.4	116
292	Metal- and reagent-free highly selective anodic cross-coupling reaction of phenols. *Angewandte Chemie - International Edition*, **2014**, 53, 5210-3	16.4	115
291	Access to Pyrazolidin-3,5-diones through Anodic N-N Bond Formation. *Angewandte Chemie - International Edition*, **2016**, 55, 9437-40	16.4	113
290	Metall- und reagensfreie hochselektive anodische Kreuzkupplung von Phenolen. *Angewandte Chemie*, **2014**, 126, 5311-5314	3.6	110
289	ortho-Selective phenol-coupling reaction by anodic treatment on boron-doped diamond electrode using fluorinated alcohols. *Chemistry - A European Journal*, **2009**, 15, 2273-7	4.8	110
288	Electrochemical Screening for Electroorganic Synthesis. *Organic Process Research and Development*, **2016**, 20, 26-32	3.9	109
287	Highly Modular Flow Cell for Electroorganic Synthesis. *Organic Process Research and Development*, **2017**, 21, 771-778	3.9	107
286	Electrochemistry of Carbon Dioxide on Carbon Electrodes. *ACS Applied Materials & Interfaces*, **2016**, 8, 28357-28371	9.5	107
285	Versatile Electrochemical C-H Amination via Zincke Intermediates. *Angewandte Chemie - International Edition*, **2015**, 54, 6398-9	16.4	94
284	Highly selective generation of vanillin by anodic degradation of lignin: a combined approach of electrochemistry and product isolation by adsorption. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 473-80	2.5	83
283	The Catalytic Effect of Fluoroalcohol Mixtures Depends on Domain Formation. *ACS Catalysis*, **2017**, 7, 1846-1852	13.1	81
282	Oxidative transformation of aryls using molybdenum pentachloride. *Chemical Communications*, **2012**, 48, 9109-19	5.8	76
281	Novel template-directed anodic phenol-coupling reaction. *Chemistry - A European Journal*, **2006**, 12, 7482-8	4.8	76
280	Diversity-oriented synthesis of polycyclic scaffolds by modification of an anodic product derived from 2,4-dimethylphenol. *Angewandte Chemie - International Edition*, **2011**, 50, 1415-9	16.4	74
279	Novel electrolytes for electrochemical double layer capacitors based on 1,1,1,3,3,3-hexafluoropropan-2-ol. *Electrochimica Acta*, **2012**, 62, 372-380	6.7	73
278	Use of Boron-Doped Diamond Electrodes in Electro-Organic Synthesis. *ChemElectroChem*, **2019**, 6, 1649-1660	4.8	73
277	Electrochemical synthesis of benzoxazoles from anilides - a new approach to employ amidyl radical intermediates. *Chemical Communications*, **2017**, 53, 2974-2977	5.8	71
276	Renaissance elektrochemischer Methoden zum Aufbau komplexer Moleküle. *Angewandte Chemie*, **2014**, 126, 7248-7249	3.6	71

275	Unexpected Highly Chemoselective Anodic ortho-Coupling Reaction of2,4-Dimethylphenol on Boron-Doped Diamond Electrodes. *European Journal of Organic Chemistry*, **2006**, 2006, 4569-4572	3.2	71
274	Development and Scale-Up of the Electrochemical Dehalogenation for the Synthesis of a Key Intermediate for NS5A Inhibitors. *Organic Process Research and Development*, **2015**, 19, 1428-1433	3.9	70
273	Electrochemical synthesis on boron-doped diamond. *Electrochimica Acta*, **2012**, 82, 434-443	6.7	70
272	Anodic coupling of guaiacol derivatives on boron-doped diamond electrodes. *Organic Letters*, **2011**, 13, 3126-9	6.2	70
271	Reagens- und metallfreie anodische C-C-Kreuzkupplung von Anilinderivaten. *Angewandte Chemie*, **2017**, 129, 4955-4959	3.6	69
270	Selektive Synthese teilgeschützter unsymmetrischer Biphenole durch reagens- und metallfreie anodische Kreuzkupplung. *Angewandte Chemie*, **2016**, 128, 11979-11983	3.6	69
269	Mit β-Cyclodextrin-modifizierten Diphosphanen als Liganden zu supramolekularen Rhodiumkatalysatoren. *Angewandte Chemie*, **1997**, 109, 870-873	3.6	69
268	Direct gravimetric sensing of GBL by a molecular recognition process in organic cage compounds. *Chemical Communications*, **2013**, 49, 8398-400	5.8	68
267	Unexpected high robustness of electrochemical cross-coupling for a broad range of current density. *Science Advances*, **2017**, 3, eaao3920	14.3	68
266	Molecular Recognition Utilizing Complexes with NH,NR-Stabilized Carbene Ligands. *European Journal of Inorganic Chemistry*, **2007**, 2007, 1210-1214	2.3	67
265	Synthese von meta-Terphenyl-2,2??-diolen durch anodische C-C-Kreuzkupplungen. *Angewandte Chemie*, **2016**, 128, 11031-11035	3.6	65
264	Regioselective Metal- and Reagent-Free Arylation of Benzothiophenes by Dehydrogenative Electrosynthesis. *Angewandte Chemie - International Edition*, **2018**, 57, 13325-13329	16.4	64
263	Metal- and Reagent-Free Dehydrogenative Formal Benzyl-Aryl Cross-Coupling by Anodic Activation in 1,1,1,3,3,3-Hexafluoropropan-2-ol. *Angewandte Chemie - International Edition*, **2018**, 57, 12136-12140	16.4	64
262	A Novel Cathode Material for Cathodic Dehalogenation of 1,1-Dibromo Cyclopropane Derivatives. *Chemistry - A European Journal*, **2015**, 21, 13878-82	4.8	62
261	First Artificial Receptor for Caffeine—A New Concept for the Complexation of Alkylated Oxopurines. *Angewandte Chemie - International Edition*, **2000**, 39, 2472-2475	16.4	62
260	Electrochemical Fluorocyclization of N-Allylcarboxamides to 2-Oxazolines by Hypervalent Iodine Mediator. *Organic Letters*, **2019**, 21, 242-245	6.2	62
259	Facile and Highly Diastereoselective Formation of a Novel Pentacyclic Scaffold by Direct Anodic Oxidation of 2,4-Dimethylphenol. *European Journal of Organic Chemistry*, **2006**, 2006, 241-245	3.2	61
258	A microring resonator sensor for sensitive detection of 1,3,5-trinitrotoluene (TNT). *Sensors*, **2010**, 10, 6788-95	3.8	60

257	Einfache und doppelte metall- und reagensfreie anodische C-C-Kreuzkupplung von Phenolen mit Thiophenen. *Angewandte Chemie*, **2017**, 129, 14920-14925	3.6	59
256	Simple and sensitive online detection of triacetone triperoxide explosive. *Sensors and Actuators B: Chemical*, **2010**, 143, 561-566	8.5	59
255	Synthesis of Rigid Receptors Based on Triphenylene Ketals. *European Journal of Organic Chemistry*, **2005**, 2005, 2987-2999	3.2	55
254	Vielfltige elektrochemische C-H-Aminierung ber Zincke-Zwischenstufen. *Angewandte Chemie*, **2015**, 127, 6496-6497	3.6	54
253	Electrochemical Allylic Oxidation of Olefins: Sustainable and Safe. *Angewandte Chemie - International Edition*, **2016**, 55, 12578-80	16.4	53
252	A triphenylene scaffold with C3v-symmetry and nanoscale dimensions. *Tetrahedron Letters*, **1999**, 40, 3515-3518	2	53
251	Fiber optic evanescent field sensor for detection of explosives and CO2 dissolved in water. *Applied Physics B: Lasers and Optics*, **2008**, 90, 355-360	1.9	52
250	Highly modular construction of differently substituted dihydrodibenzo[a,c]cycloheptenes: fast and efficient access to derivatives of 2,2'-cyclo-7,8'-neolignans. *Angewandte Chemie - International Edition*, **2004**, 43, 2446-9	16.4	52
249	Zugang zu Pyrazolidin-3,5-dionen durch anodischen N-N-Bindungsaufbau. *Angewandte Chemie*, **2016**, 128, 9587-9590	3.6	52
248	Electroorganic synthesis of nitriles via a halogen-free domino oxidation-reduction sequence. *Chemical Communications*, **2015**, 51, 16346-8	5.8	50
247	Electrochemical Amination of Less-Activated Alkylated Arenes Using Boron-Doped Diamond Anodes. *European Journal of Organic Chemistry*, **2016**, 2016, 1274-1278	3.2	49
246	Versatile oxidative approach to carbazoles and related compounds using MoCl5. *Organic Letters*, **2014**, 16, 402-5	6.2	49
245	Highly selective electrosynthesis of biphenols on graphite electrodes in fluorinated media. *Chemistry - A European Journal*, **2011**, 17, 14164-9	4.8	49
244	Oxidative Coupling Reactions Mediated by MoCl5 Leading to 2,2?-Cyclolignans: The Specific Role of HCl. *European Journal of Organic Chemistry*, **2003**, 2003, 3549-3554	3.2	48
243	New Approach to 1,4-Benzoxazin-3-ones by Electrochemical C-H Amination. *Chemistry - A European Journal*, **2017**, 23, 12096-12099	4.8	47
242	Powerful fluoroalkoxy molybdenum(V) reagent for selective oxidative arene coupling reaction. *Angewandte Chemie - International Edition*, **2014**, 53, 2494-7	16.4	47
241	Active Molybdenum-Based Anode for Dehydrogenative Coupling Reactions. *Angewandte Chemie - International Edition*, **2018**, 57, 2450-2454	16.4	46
240	Synthesis of highly functionalized 9,10-phenanthrenequinones by oxidative coupling using MoCl5. *Organic Letters*, **2012**, 14, 2976-9	6.2	46

239	Facile and Reliable Synthesis of Tetraphenoxyborates and Their Properties. *European Journal of Inorganic Chemistry*, **2006**, 2006, 1690-1697	2.3	45
238	Dehydrodimerization of iodobenzenes to iodinated biaryls. *Chemical Communications*, **2002**, 1278-9	5.8	45
237	A Regio- and Diastereoselective Anodic Aryl-Aryl Coupling in the Biomimetic Total Synthesis of (-)-Thebaine. *Angewandte Chemie - International Edition*, **2018**, 57, 11055-11059	16.4	45
236	A supramolecular fluorescence probe for caffeine. *Organic Letters*, **2006**, 8, 1471-4	6.2	44
235	Highly selective formation of eight-membered-ring systems by oxidative cyclization with molybdenum pentachloride-an environmentally friendly and inexpensive access to 2,2'-cyclolignans. *Angewandte Chemie - International Edition*, **2002**, 41, 2981-2	16.4	43
234	The Reaction Pattern of the MoCl5-Mediated Oxidative Aryl-aryl Coupling. *Synlett*, **2002**, 2002, 0622-0624	2.2	42
233	Dehydrogenative Anodic C-C Coupling of Phenols Bearing Electron-Withdrawing Groups. *Angewandte Chemie - International Edition*, **2020**, 59, 315-319	16.4	42
232	Fluorocyclization of -Propargylamides to Oxazoles by Electrochemically Generated ArIF. *Organic Letters*, **2019**, 21, 7893-7896	6.2	41
231	Metal- and Reagent-Free Anodic C-C Cross-Coupling of Phenols with Benzofurans leading to a Furan Metathesis. *Chemistry - A European Journal*, **2018**, 24, 6057-6061	4.8	41
230	Iodinated Biaryls Synthesized by the Direct Dehydrodimerization of Iodoarenes Using Phenyliodine(III) Bis(trifluoroacetate) (PIFA). *Advanced Synthesis and Catalysis*, **2004**, 346, 675-681	5.6	41
229	Reproducibility in Electroorganic Synthesis-Myths and Misunderstandings. *Angewandte Chemie - International Edition*, **2021**, 60, 14750-14759	16.4	40
228	Exploration of the Solid-State Sorption Properties of Shape-Persistent Macrocyclic Nanocarbons as Bulk Materials and Small Aggregates. *Journal of the American Chemical Society*, **2020**, 142, 8763-8775	16.4	39
227	Solvent Control in Electro-Organic Synthesis. *Synlett*, **2019**, 30, 275-286	2.2	39
226	Electrochemical Synthesis of 5-Aryl-phenanthridin-6-one by Dehydrogenative N,C Bond Formation. *Chemistry - A European Journal*, **2018**, 24, 17230-17233	4.8	39
225	Toward Three-Dimensional Chemical Imaging of Ternary Cu-Sn-Pb Alloys Using Femtosecond Laser Ablation/Ionization Mass Spectrometry. *Analytical Chemistry*, **2017**, 89, 1632-1641	7.8	38
224	Electro-conversion as sustainable method for the fine chemical production from the biopolymer lignin. *Current Opinion in Green and Sustainable Chemistry*, **2018**, 14, 19-25	7.9	37
223	Reaction Condition Screening by Using Electrochemical Microreactor: Application to Anodic Phenol-arene C,C Cross-Coupling Reaction in High Acceptor Number Media. *Journal of the Electrochemical Society*, **2013**, 160, G3058-G3061	3.9	37
222	Efficient and stereodivergent electrochemical synthesis of optically pure menthylamines. *Angewandte Chemie - International Edition*, **2011**, 50, 5564-7	16.4	37

221	Over-Oxidation as the Key Step in the Mechanism of the MoCl5-Mediated Dehydrogenative Coupling of Arenes. *Angewandte Chemie - International Edition*, **2016**, 55, 1156-9	16.4	37
220	Total Synthesis of (-)-Oxycodone via Anodic Aryl-Aryl Coupling. *Organic Letters*, **2019**, 21, 1828-1831	6.2	37
219	Electrochemical Deoxygenation of Aromatic Amides and Sulfoxides. *European Journal of Organic Chemistry*, **2014**, 2014, 5144-5148	3.2	36
218	Diversitäts-orientierte Synthese von polycyclischen Gerüsten durch Umsetzung eines von 2,4-Dimethylphenol abgeleiteten anodischen Zwischenproduktes. *Angewandte Chemie*, **2011**, 123, 1451-1455	3.6	36
217	Boron-doped diamond electrodes for electroorganic chemistry. *Topics in Current Chemistry*, **2012**, 320, 1-31		36
216	Reversible enantiofacial differentiation of a single heterocyclic substrate by supramolecular receptors. *Angewandte Chemie - International Edition*, **2003**, 42, 2620-3	16.4	36
215	Metall- und reagensfreie dehydrierende formale Benzyl-Aryl-Kreuzkupplung durch anodische Aktivierung in 1,1,1,3,3,3-Hexafluorpropan-2-ol. *Angewandte Chemie*, **2018**, 130, 12312-12317	3.6	36
214	Regioselektive metall- und reagenzfreie Arylierung von Benzothiophenen durch dehydrierende Elektrosynthese. *Angewandte Chemie*, **2018**, 130, 13509-13513	3.6	34
213	Novel domino oxidative coupling: C-C bond formation sequence to highly functionalized dibenzo[a,c]cycloheptenes. *Organic Letters*, **2011**, 13, 916-9	6.2	34
212	Caffeine--a drug with a surprise. *Angewandte Chemie - International Edition*, **2003**, 42, 604-5	16.4	34
211	Merging shuttle reactions and paired electrolysis for reversible vicinal dihalogenations. *Science*, **2021**, 371, 507-514	33.3	34
210	Direct Metal- and Reagent-Free Sulfonylation of Phenols with Sodium Sulfinates by Electrosynthesis. *Chemistry - A European Journal*, **2019**, 25, 6891-6895	4.8	33
209	Optical planar Bragg grating sensor for real-time detection of benzene, toluene and xylene in solvent vapour. *Sensors and Actuators B: Chemical*, **2012**, 171-172, 338-342	8.5	33
208	A solvent-directed stereoselective and electrocatalytic synthesis of diisoeugenol. *Chemical Communications*, **2018**, 54, 2771-2773	5.8	32
207	Electrochemical Conversion of Phthaldianilides to Phthalazin-1,4-diones by Dehydrogenative N-N Bond Formation. *Chemistry - A European Journal*, **2018**, 24, 590-593	4.8	32
206	Electro-organic Synthesis as a Sustainable Alternative for Dehydrogenative Cross-Coupling of Phenols and Naphthols. *Synthesis*, **2016**, 49, 252-259	2.9	31
205	Citric Acid Based Carbon Dots with Amine Type Stabilizers: pH-Specific Luminescence and Quantum Yield Characteristics. *Journal of Physical Chemistry C*, **2020**, 124, 8894-8904	3.8	30
204	Metal- and Reagent-Free Anodic Dehydrogenative Cross-Coupling of Naphthylamines with Phenols. *ChemElectroChem*, **2018**, 5, 1249-1252	4.3	30

203	Oxidative coupling of diaryldisulfides by MoCl5 to thianthrenes. *Chemistry - A European Journal*, **2009**, 15, 13313-7	4.8	30
202	Anodic Degradation of Lignin at Active Transition Metal-based Alloys and Performance-enhanced Anodes. *ChemElectroChem*, **2019**, 6, 155-161	4.3	30
201	Supramolecular Approach for Sensing Caffeine by Fluorescence. *Supramolecular Chemistry*, **2006**, 18, 23-27	1.8	29
200	Scaffold-Optimized Dendrimers for the Detection of the Triacetone Triperoxide Explosive Using Quartz Crystal Microbalances. *ChemPlusChem*, **2012**, 77, 102-105	2.8	28
199	Novel anodic concepts for the selective phenol coupling reaction. *Pure and Applied Chemistry*, **2010**, 82, 1055-1063	2.1	28
198	Substituent effects in the rhodium-catalyzed hydroformylation of olefins using bis(diarylphosphino)methylamino ligands. *Tetrahedron Letters*, **1997**, 38, 5967-5970	2	28
197	Extraction of radio-labelled xanthine derivatives by artificial receptors: deep insight into the association behaviour. *Chemistry - A European Journal*, **2007**, 13, 3724-32	4.8	28
196	Treatment of black liquor (BL) by adsorption on AE resins and a subsequent electrochemical degradation of BL to obtain vanillin. *Holzforschung*, **2017**, 71, 35-41	2	27
195	Sustainable access to biobased biphenol epoxy resins by electrochemical dehydrogenative dimerization of eugenol. *Green Chemistry*, **2019**, 21, 4815-4823	10	27
194	Oxidative Coupling Reactions of 1,3-Diarylpropene Derivatives to Dibenzo[a,c]cycloheptenes by PIFA. *European Journal of Organic Chemistry*, **2011**, 2011, 6314-6319	3.2	27
193	Improved protocol for the synthesis of functionalized triphenylene ketals. *Tetrahedron Letters*, **2000**, 41, 4769-4772	2	27
192	Stabilizing Lead Cathodes with Diammonium Salt Additives in the Deoxygenation of Aromatic Amides. *ChemElectroChem*, **2014**, 1, 1018-1022	4.3	26
191	Reversible enantiofaciale Differenzierung eines einzelnen heterocyclischen Substrates durch supramolekulare Rezeptoren. *Angewandte Chemie*, **2003**, 115, 2724-2727	3.6	26
190	Twofold Electrochemical Amination of Naphthalene and Related Arenes. *ChemElectroChem*, **2017**, 4, 2196-2210	4.3	25
189	Potent affinity material for tracing acetone and related analytes based on molecular recognition by halogen bonds. *Chemical Communications*, **2015**, 51, 2040-3	5.8	25
188	(‖)-Isosteviol as a Versatile Ex-Chiral-Pool Building Block for Organic Chemistry. *European Journal of Organic Chemistry*, **2013**, 2013, 5539-5554	3.2	24
187	The "Green" Electrochemical Synthesis of Periodate. *Angewandte Chemie - International Edition*, **2020**, 59, 8036-8041	16.4	23
186	Oxidative cyclization reaction of 2-aryl-substituted cinnamates to form phenanthrene carboxylates by using MoCl5. *Chemistry - A European Journal*, **2014**, 20, 12463-9	4.8	23

185	Stereoselective cathodic synthesis of 8-substituted (1R,3R,4S)-menthylamines. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 294-301	2.5	23
184	Stereoselective formation of triphenylene ketals. *Chemistry - A European Journal*, **2010**, 16, 3459-66	4.8	23
183	Hochmodularer Aufbau unterschiedlich substituierter Dihydrodibenzo[a,c]cycloheptene: ein schneller und effizienter Zugang zu Derivaten des 2,2?-Cyclo-7,8?-neolignans. *Angewandte Chemie*, **2004**, 116, 2501-2503	3.6	23
182	High-Temperature Electrolysis of Kraft Lignin for Selective Vanillin Formation. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 7300-7307	8.3	23
181	Adsorption and separation of black liquor-derived phenol derivatives using anion exchange resins. *Separation and Purification Technology*, **2017**, 181, 8-17	8.3	22
180	A very simple one-pot electrosynthesis of nitrones starting from nitro and aldehyde components. *Green Chemistry*, **2018**, 20, 2013-2017	10	22
179	Oxidative (Cross-)Coupling Reactions Mediated by C□H Activation of Thiophene Derivatives by Using Molybdenum(V) Reagents. *European Journal of Organic Chemistry*, **2014**, 2014, 7091-7094	3.2	22
178	Structural revision and synthesis of altechromone A. *Journal of Natural Products*, **2010**, 73, 2064-6	4.9	22
177	High-Yielding Cleavage of (Aryloxy)acetates. *European Journal of Organic Chemistry*, **2008**, 2008, 337-342	3.2	22
176	Direct assignment of enantiofacial discrimination on single heterocyclic substrates by self-induced CD. *Chemistry - A European Journal*, **2005**, 11, 1877-88	4.8	22
175	Palladium-catalyzed domino C-H/N-H functionalization: an efficient approach to nitrogen-bridged heteroacenes. *Chemistry - A European Journal*, **2015**, 21, 8257-61	4.8	21
174	Recent Advances in the Electrochemical Reduction of Substrates Involving N□O Bonds. *Advanced Synthesis and Catalysis*, **2020**, 362, 2088-2101	5.6	21
173	Aktive Anode auf Molybd□basis f□dehydrierende Kupplungen. *Angewandte Chemie*, **2018**, 130, 2475-2479	3.6	21
172	Elektrochemische allylische Oxidation von Olefinen: nachhaltig und sicher. *Angewandte Chemie*, **2016**, 128, 12766-12768	3.6	21
171	Hybrid LEDs based on ZnO-nanowire arrays. *Physica Status Solidi (B): Basic Research*, **2010**, 247, 1564-1567	1.3	21
170	Large, Highly Modular Narrow-Gap Electrolytic Flow Cell and Application in Dehydrogenative Cross-Coupling of Phenols. *Organic Process Research and Development*, **2020**, 24, 1916-1926	3.9	21
169	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
168	Highly sensitive detection of naphthalene in solvent vapor using a functionalized PBG refractive index sensor. *Sensors*, **2012**, 12, 2018-25	3.8	20

167	Hochselektive Achtringbildung durch oxidative Cyclisierung mit Molybd□pentachlorid □ ein umweltfreundlicher und preiswerter Zugang zu 2,2?-Cyclolignanen. *Angewandte Chemie*, **2002**, 114, 3103	3.6	20
166	MoV Reagents in Organic Synthesis. *European Journal of Organic Chemistry*, **2016**, 2016, 1921-1936	3.2	20
165	Metal-Free Electrochemical Synthesis of Sulfonamides Directly from (Hetero)arenes, SO , and Amines. *Angewandte Chemie - International Edition*, **2021**, 60, 5056-5062	16.4	20
164	Hybrid LEDs based on ZnO nanowire structures. *Materials Science in Semiconductor Processing*, **2017** , 69, 52-56	4.3	19
163	Simple and scalable electrochemical synthesis of 2,1-benzisoxazoles and quinoline N-oxides. *Chemical Communications*, **2019**, 55, 12255-12258	5.8	19
162	Biobased Epoxy Resin by Electrochemical Modification of Tall Oil Fatty Acids. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 10855-10864	8.3	19
161	Interfacial Domain Formation Enhances Electrochemical Synthesis. *Journal of Physical Chemistry Letters*, **2019**, 10, 1192-1197	6.4	19
160	Metal-free electrochemical fluorodecarboxylation of aryloxyacetic acids to fluoromethyl aryl ethers. *Chemical Science*, **2020**, 11, 6053-6057	9.4	19
159	Effiziente und stereodivergierende elektrochemische Synthese von optisch reinen Menthylaminen. *Angewandte Chemie*, **2011**, 123, 5678-5682	3.6	19
158	Synthesis of 2,2-functionalized benzo[1,3]dioxoles. *Tetrahedron*, **2009**, 65, 3773-3779	2.4	19
157	Does electrifying organic synthesis pay off? The energy efficiency of electro-organic conversions. *MRS Energy & Sustainability*, **2020**, 7, 1	2.2	19
156	Electrochemical instability of highly fluorinated tetraphenyl borates and syntheses of their respective biphenyls. *Chemical Communications*, **2018**, 54, 6128-6131	5.8	19
155	Direct Anodic Dehydrogenative Cross- and Homo-Coupling of Formanilides. *ChemElectroChem*, **2018**, 5, 2069-2072	4.3	18
154	Initial radical cation pathway in the Mo2Cl10-mediated dehydrogenative arene coupling. *Chemistry - A European Journal*, **2015**, 21, 4229-32	4.8	18
153	Practical strategies for stable operation of HFF-QCM in continuous air flow. *Sensors*, **2013**, 13, 12012-29	3.8	18
152	Enantioselective helical folding inside a self-assembled, cylindrical capsule. *Chemical Communications*, **2010**, 46, 1625-7	5.8	18
151	Electrosynthesis 2.0 in 1,1,1,3,3,3-Hexafluoroisopropanol/Amine Mixtures. *ChemElectroChem*, **2020**, 7, 3686-3694	4.3	18
150	Leaded Bronze: An Innovative Lead Substitute for Cathodic Electrosynthesis. *ChemElectroChem*, **2018**, 5, 247-252	4.3	18

149	Cathodic Corrosion of Metal Electrodes-How to Prevent It in Electroorganic Synthesis. *Chemical Reviews*, **2021**, 121, 10241-10270	68.1	17
148	Enhancement of the Sub-Band-Gap Photoconductivity in ZnO Nanowires through Surface Functionalization with Carbon Nanodots. *Journal of Physical Chemistry C*, **2018**, 122, 1852-1859	3.8	16
147	Synthesis of all-syn Functionalized Triphenylene Ketals. *European Journal of Organic Chemistry*, **2011**, 2011, 1985-1992	3.2	16
146	Installation of amine moieties into a polycyclic anodic product derived from 2,4-dimethylphenol. *Chemistry - A European Journal*, **2011**, 17, 14785-91	4.8	16
145	Mild and reliable cleavage sequence for phenoxy acetates. *Tetrahedron Letters*, **2004**, 45, 7911-7914	2	16
144	Electrochemical C-H Functionalization of (Hetero)Arenes-Optimized by DoE. *Chemistry - A European Journal*, **2020**, 26, 10195-10198	4.8	15
143	Facile and Selective Cross-Coupling of Phenols Using Selenium Dioxide. *European Journal of Organic Chemistry*, **2016**, 2016, 4307-4310	3.2	15
142	Straightforward Electrochemical Sulfonylation of Arenes and Aniline Derivatives using Sodium Sulfinates. *ChemElectroChem*, **2019**, 6, 4450-4455	4.3	15
141	Leistungsstarkes Fluoralkoxy-Molybd□(V)-Reagens f□ die selektive oxidative Arenkupplung. *Angewandte Chemie*, **2014**, 126, 2527-2530	3.6	15
140	Simple electrochemical reduction of nitrones to amines. *Chemical Science*, **2019**, 10, 2044-2047	9.4	14
139	Influence of the Nature of Boron-Doped Diamond Anodes on the Dehydrogenative Phenol-Phenol Cross-Coupling. *ChemElectroChem*, **2019**, 6, 2771-2776	4.3	14
138	Electron Tunneling from Colloidal CdSe Quantum Dots to ZnO Nanowires Studied by Time-Resolved Luminescence and Photoconductivity Experiments. *Journal of Physical Chemistry C*, **2015**, 119, 15627-15635	3.8	14
137	Supporting-Electrolyte-Free and Scalable Flow Process for the Electrochemical Synthesis of 3,3?,5,5?-Tetramethyl-2,2?-biphenol. *Organic Process Research and Development*, **2020**, 24, 2347-2355	3.9	14
136	Evanescent field sensors and the implementation of waveguiding nanostructures. *Applied Optics*, **2009**, 48, B183-9	0.2	14
135	Functionalized platforms based on marine cyclopeptides: different pathways to the hexapeptide. *Tetrahedron Letters*, **2000**, 41, 6327-6331	2	14
134	□eroxidation als Schl□sselschritt im Mechanismus der MoCl5- vermittelten dehydrierenden Arenkupplung. *Angewandte Chemie*, **2016**, 128, 1168-1172	3.6	14
133	Electrochemical Formation of 3,5-Diimido-1,2-dithiolanes by Dehydrogenative Coupling. *Organic Letters*, **2018**, 20, 6785-6788	6.2	14
132	Eine regio- und diastereoselektive anodische Aryl-Aryl-Kupplung in der biomimetischen Totalsynthese von (□)-Thebain. *Angewandte Chemie*, **2018**, 130, 11221-11225	3.6	14

131	Functionalization of Silver Nanowires Surface using Ag-C Bonds in a Sequential Reductive Method. *ACS Applied Materials & Interfaces*, **2015**, 7, 21657-61	9.5	13
130	The Generation Effect: Cavity Accessibility in Dense-Shell Polyphenylene Dendrimers. *ChemPlusChem*, **2015**, 80, 54-56	2.8	13
129	Unusual redox play of Mo(V/IV) during oxidative aryl–aryl coupling. *Tetrahedron Letters*, **2012**, 53, 1579-1581	2.2	13
128	Surface pretreatment boosts the performance of supramolecular affinity materials on quartz crystal microbalances for sensor applications. *Analytical Chemistry*, **2013**, 85, 10526-30	7.8	13
127	Novel supramolecular affinity materials based on (-)-isosteviol as molecular templates. *Beilstein Journal of Organic Chemistry*, **2013**, 9, 2821-33	2.5	13
126	Synthesis of highly fluorinated 2,2'-biphenols and 2,2'-bisanisoles. *Organic Letters*, **2010**, 12, 4288-91	6.2	13
125	Novel fluorine-free electrolyte system for supercapacitors. *Electrochemistry Communications*, **2009**, 11, 1237-1241	5.1	13
124	Electrochemical Synthesis of Carbazoles by Dehydrogenative Coupling Reaction. *Chemistry - A European Journal*, **2020**, 26, 15847-15851	4.8	13
123	Application of Rigidity-Controlled Supramolecular Affinity Materials for the Gravimetric Detection of Hazardous and Illicit Compounds. *ChemPlusChem*, **2016**, 81, 926-929	2.8	13
122	Electrochemical Synthesis of 2-Hydroxy-para-terphenyls by Dehydrogenative Anodic C–C Cross-Coupling Reaction. *Synlett*, **2019**, 30, 1174-1177	2.2	13
121	Mo-Based Oxidizers as Powerful Tools for the Synthesis of Thia- and Selenaheterocycles. *Chemistry - A European Journal*, **2019**, 25, 1936-1940	4.8	13
120	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. *Electrochimica Acta*, **2021**, 368, 137420	6.7	13
119	Advances in photochemical and electrochemical incorporation of sulfur dioxide for the synthesis of value-added compounds. *Chemical Communications*, **2021**, 57, 8236-8249	5.8	13
118	Electrochemical Synthesis of Fluorinated Orthoesters from 1,3-Benzodioxoles. *ChemistryOpen*, **2019**, 8, 1167-1171	2.3	12
117	Metal- and Reagent-Free Electrochemical Synthesis of Alkyl Arylsulfonates in a Multi-Component Reaction. *Chemistry - A European Journal*, **2020**, 26, 8358-8362	4.8	12
116	Solvent-Dependent Facile Synthesis of Diaryl Selenides and Biphenols Employing Selenium Dioxide. *ChemistryOpen*, **2016**, 5, 115-9	2.3	12
115	Modular Access to 9,9-Spirobifluorenes by Oxidative Coupling Using Molybdenum Pentachloride. *Synthesis*, **2013**, 45, 1160-1164	2.9	12
114	Bis(2,2'-biphenoxy)borates for electrochemical double-layer capacitor electrolytes. *Chemistry - A European Journal*, **2011**, 17, 3082-5	4.8	12

113	Efficient and Reliable Iodination and O-Methylation of Fluorinated Phenols. *European Journal of Organic Chemistry*, **2010**, 2010, 2357-2362	3.2	12
112	Reinvestigation of Highly Diastereoselective Pentacyclic Spirolactone Formation by Direct Anodic Oxidation of 2,4-Dimethylphenol. *Synlett*, **2008**, 2008, 2309-2312	2.2	12
111	Synthesis of a gold(I) complex with a (thio)phosphine-modified β-cyclodextrin. *Inorganic Chemistry Communication*, **2002**, 5, 252-254	3.1	12
110	Sustainable electroorganic synthesis of lignin-derived dicarboxylic acids. *Green Chemistry*, **2020**, 22, 5956-5960	10	12
109	Electrosynthetic Screening and Modern Optimization Strategies for Electrosynthesis of Highly Value-added Products. *ChemElectroChem*, **2021**, 8, 2621-2629	4.3	12
108	The sustainable synthesis of levetiracetam by an enzymatic dynamic kinetic resolution and an ex-cell anodic oxidation. *Green Chemistry*, **2021**, 23, 388-395	10	12
107	Systematic Investigation of Resorcin[4]arene-Based Cavitands as Affinity Materials on Quartz Crystal Microbalances. *ChemPlusChem*, **2017**, 82, 493-497	2.8	11
106	Synthesis of Highly Functionalized N,N-Diarylamides by an Anodic C,N-Coupling Reaction. *Chemistry - A European Journal*, **2019**, 25, 7835-7838	4.8	11
105	Efficient Resolution of Menthylamine with Inexpensive (R,R)-Tartaric Acid by Dielectrically Controlled Resolution (DCR). *European Journal of Organic Chemistry*, **2014**, 2014, 1007-1012	3.2	11
104	Synthesis of iodobiaryls and dibenzofurans by direct coupling at BDD anodes. *Faraday Discussions*, **2014**, 172, 413-20	3.6	11
103	Nucleotides. Part LV. Synthesis and application of a novel linker for solid-phase synthesis of modified oligonucleotides. *Helvetica Chimica Acta*, **1998**, 81, 46-58	2	11
102	Versatile One-Pot Synthesis of 3-Alkenylcoumarins. *European Journal of Organic Chemistry*, **2008**, 2008, 343-349	3.2	11
101	Dehydrogenative Anodic Cyanation Reaction of Phenols in Benzylic Positions. *ChemElectroChem*, **2019**, 6, 4184-4187	4.3	11
100	Electrochemical Synthesis of Aryl Methoxymethyl Ethers. *ChemElectroChem*, **2019**, 6, 4180-4183	4.3	10
99	Leaded Bronze Alloy as a Catalyst for the Electroreduction of CO2. *ChemElectroChem*, **2019**, 6, 2324-2330	4.3	10
98	Electrochemical formation of N,N'-diarylhydrazines by dehydrogenative N-N homocoupling reaction. *Chemical Communications*, **2020**, 56, 4348-4351	5.8	10
97	Allylated cyclodextrins as effective affinity materials in chemical sensing of volatile aromatic hydrocarbons using an optical planar Bragg grating sensor. *Analytica Chimica Acta*, **2013**, 791, 51-9	6.6	10
96	Use of Diamond Films in Organic Electrosynthesis **2011**, 483-510		10

95	Convenient Synthesis of 3-Cinnamoyl-2-styrylchromones: Reinvestigation of the Baker–Venkataraman Rearrangement. *European Journal of Organic Chemistry*, **2010**, 2010, 6417-6422	3.2	10
94	Microporous Triptycene-Based Affinity Materials on Quartz Crystal Microbalances for Tracing of Illicit Compounds. *ChemPlusChem*, **2019**, 84, 1239-1244	2.8	9
93	Mild, Fast, and Easy To Conduct MoCl-Mediated Dehydrogenative Coupling Reactions in Flow. *Organic Letters*, **2018**, 20, 4107-4110	6.2	9
92	Synthesis and Isolation of Enantiomerically Enriched Cyclopenta[b]benzofurans Based on Products from Anodic Oxidation of 2,4-Dimethylphenol. *European Journal of Organic Chemistry*, **2015**, 2015, 4876-4882	3.2	9
91	Derivatives of (+)-Isosteviol with Expanded Ring D and Various Oxygen Functionalities. *European Journal of Organic Chemistry*, **2012**, 2012, 6364-6371	3.2	9
90	Regioselective Hydroformylation of Citronellene Using a Novel Rhodium-Catalyst. *Heterocycles*, **2000**, 52, 935	0.8	9
89	Reproduzierbarkeit in der elektroorganischen Synthese—Mythen und Missverständnisse. *Angewandte Chemie*, **2021**, 133, 14874-14883	3.6	9
88	Molybdenum Pentachloride Mediated Synthesis of Spirocyclic Compounds by Intramolecular Oxidative Coupling. *European Journal of Organic Chemistry*, **2016**, 2016, 60-63	3.2	9
87	About the selectivity and reactivity of active nickel electrodes in C-C coupling reactions.. *RSC Advances*, **2020**, 10, 14249-14253	3.7	9
86	Optical Sensor for Real-Time Detection of Trichlorofluoromethane. *Sensors*, **2019**, 19,	3.8	8
85	Selective and Scalable Electrosynthesis of 2H-2-(Aryl)-benzo[d]-1,2,3-triazoles and Their N-Oxides by Using Leaded Bronze Cathodes. *Chemistry - A European Journal*, **2020**, 26, 5592-5597	4.8	8
84	Outstandingly robust anodic dehydrogenative aniline coupling reaction. *Electrochimica Acta*, **2020**, 337, 135786	6.7	8
83	Selective and Scalable Dehydrogenative Electrochemical Synthesis of 3,3?,5,5?-Tetramethyl-2,2?-biphenol. *Synlett*, **2019**, 30, 2062-2067	2.2	8
82	Electrosynthesis and electrochemistry. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 949-50	2.5	8
81	Naphthyridine Derivatives as a Model System for Potential Lithium–Sulfur Energy-Storage Applications. *European Journal of Organic Chemistry*, **2015**, 2015, 933-937	3.2	8
80	Coffein—ein Wirkstoff mit Überraschungen. *Angewandte Chemie*, **2003**, 115, 624-625	3.6	8
79	Dehydrierende anodische C-C-Kupplung von Phenolen mit elektronenziehenden Substituenten. *Angewandte Chemie*, **2020**, 132, 323-327	3.6	8
78	Trends of Organic Electrosynthesis by Using Boron-Doped Diamond Electrodes. *Topics in Applied Physics*, **2019**, 173-197	0.5	7

77	Applicability of a Polymerized Ionic Liquid/Carbon Nanoparticle Composite Electrolyte to Reductive Cyclization and Dimerization Reactions. *Electrochimica Acta*, **2016**, 196, 735-740	6.7	7
76	Poly(2-vinylpyridine)-Based Polymers as an Efficient Affinity Material for the Detection of Airborne Phenol. *ChemPlusChem*, **2015**, 80, 1096-1099	2.8	7
75	Total Synthesis of (±)-Oxalicumone C and Chiral Resolution and Elucidation of Its Absolute Configuration. *European Journal of Organic Chemistry*, **2014**, 2014, 7788-7792	3.2	7
74	Mass-Spectrometric Imaging of Electrode Surfaces-a View on Electrochemical Side Reactions. *Angewandte Chemie - International Edition*, **2020**, 59, 20428-20433	16.4	7
73	Electrochemical Installation of CFH -, CF H-, CF -, and Perfluoroalkyl Groups into Small Organic Molecules. *Chemical Record*, **2021**, 21, 2502-2525	6.6	7
72	Electrochemical synthesis of sulfamides. *Chemical Communications*, **2021**, 57, 4775-4778	5.8	7
71	Anodic Dehydrogenative Cyanamidation of Thioethers: Simple and Sustainable Synthesis of N-Cyanosulfilimines. *Angewandte Chemie - International Edition*, **2021**, 60, 23197-23201	16.4	7
70	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
69	Die grüne elektrochemische Synthese von Periodat. *Angewandte Chemie*, **2020**, 132, 8112-8118	3.6	6
68	Efficient electroorganic synthesis of 2,3,6,7,10,11-hexahydroxytriphenylene derivatives. *Beilstein Journal of Organic Chemistry*, **2012**, 8, 1721-4	2.5	6
67	Highly fluorinated 2,2'-biphenols and related compounds: relationship between substitution pattern and herbicidal activity. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 4709-14	5.7	6
66	Short Domino Sequence to Dioxa[4.3.3]propellanes. *Synthesis*, **2011**, 2011, 2054-2061	2.9	6
65	Reliable and Versatile Synthesis of 2-Aryl-Substituted Cinnamic Acid Esters. *Synthesis*, **2006**, 2006, 2103-2112	2.9	6
64	Metal-Free Twofold Electrochemical C-H Amination of Activated Arenes: Application to Medicinally Relevant Precursor Synthesis. *Chemistry - A European Journal*, **2020**, 26, 17574-17580	4.8	6
63	Synthesis and Properties of Optically Pure Phenols Derived from (+)-Dehydroabietylamine. *Synthesis*, **2007**, 2007, 773-778	2.9	5
62	Comprehensive valorisation of technically relevant organosolv lignins via anodic oxidation. *Green Chemistry*, **2021**, 23, 6449-6455	10	5
61	Direct electrochemical generation of organic carbonates by dehydrogenative coupling. *Beilstein Journal of Organic Chemistry*, **2018**, 14, 1578-1582	2.5	4
60	Thermal Amination of 2,6-Dihalopyridines by Sterically Demanding Amines. *Synthesis*, **2009**, 2009, 155-159	2.9	4

59	Synthesis of Polyhalogenated 2-(Phenylamino)pyridines by Thermal Amination Reactions. *Synthesis*, **2009**, 2009, 1651-1654	2.9	4
58	Developments in the Dehydrogenative Electrochemical Synthesis of 3,3',5,5'-Tetramethyl-2,2'-biphenol. *Chemistry - A European Journal*, **2021**, 27, 8252-8263	4.8	4
57	Electrosynthesis of Stable Betulin-Derived Nitrile Oxides and their Application in Synthesis of Cytostatic Lupane-Type Triterpenoid-Isoxazole Conjugates. *European Journal of Organic Chemistry*, **2021**, 2021, 2557-2577	3.2	4
56	Metallfreie, elektrochemische Synthese von Sulfonamiden direkt aus (Hetero)arenen, SO2 und Aminen. *Angewandte Chemie*, **2021**, 133, 5114-5120	3.6	4
55	Shifting the Photoresponse of ZnO Nanowires into the Visible Spectral Range by Surface Functionalization with Tailor-Made Carbon Nanodots. *Journal of Physical Chemistry C*, **2018**, 122, 29479-29487	3.8	4
54	Solvent-Adaptive Behavior of Oligospirobifluorenes at the Surface of Quartz Crystal Microbalances-A Conformational Process. *ChemPlusChem*, **2017**, 82, 1116-1120	2.8	3
53	Synthesis of 9,9'-Spirobifluorenes and 4,5-Diaza-9,9'-spirobifluorenes and Their Application as Affinity Materials for Quartz Crystal Microbalances. *ChemPlusChem*, **2017**, 82, 758-769	2.8	3
52	The Role of Side-Arms for Supramolecular Affinity Materials Based on 9,9?-Spirobifluorenes. *European Journal of Organic Chemistry*, **2017**, 2017, 3501-3504	3.2	3
51	Scalable and Selective Preparation of 3,3?,5,5?-Tetramethyl-2,2?-biphenol. *Organic Process Research and Development*, **2017**, 21, 79-84	3.9	3
50	Modular Approach to 9-Monosubstituted Fluorene Derivatives Using Mo(V) Reagents. *Organic Letters*, **2016**, 18, 1182-5	6.2	3
49	Methyl-Substituted □-Cyclodextrin as Affinity Material for Storage, Separation, and Detection of Trichlorofluoromethane. *Global Challenges*, **2018**, 2, 1800057	4.3	3
48	Practical Synthesis of Optically Pure Menthylamines Starting from Racemic Neomenthol. *Synthesis*, **2010**, 2010, 3596-3601	2.9	3
47	Reliable Synthesis of 9-Aryl-Substituted 2,6,7-Trihydroxyxanthen-3-ones. *Synthesis*, **2008**, 2008, 2211-2216	2.9	3
46	Synthesis and Reactivity of (+)-16-Deoxo-15-oxoisosteviol. *Synthesis*, **2008**, 2008, 1443-1447	2.9	3
45	Synthesis and Characterization of Enantiomerically Pure Menthylamines and Their Isocyanates. *Synthesis*, **2003**, 2003, 2689-2694	2.9	3
44	Synthesis of a Bcl9 Alpha-Helix Mimetic for Inhibition of PPIs by a Combination of Electrooxidative Phenol Coupling and Pd-Catalyzed Cross Coupling. *Catalysts*, **2020**, 10, 340	4	3
43	Electrosynthesis of 3,3?,5,5□Tetramethyl-2,2?-biphenol in Flow. *Journal of Flow Chemistry*, **2021**, 11, 143-152	3.9	3
42	Optimization Strategies for the Anodic Phenol-Arene Cross-Coupling Reaction. *ChemElectroChem*, **2021**, 8, 3904	4.3	3

41	Green Electroorganic Synthesis Using BDD Electrodes **2010**, 125-141		3
40	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, 1800493	1.3	2
39	Charged Tags for the Identification of Oxidative Drug Metabolites Based on Electrochemistry and Mass Spectrometry. *ChemistryOpen*, **2020**, 9, 568-572	2.3	2
38	Luminescence dynamics of hybrid ZnO nanowire/CdSe quantum dot structures. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2016**, 13, 606-609		2
37	Anodic Formation of Aryl Mesylates through Dehydrogenative Coupling Reaction. *ChemElectroChem*, **2019**, 6, 121-125	4.3	2
36	Synthesis of Optically Pure Arylamine Derivatives by Using the Bucherer Reaction. *ChemistrySelect*, **2017**, 2, 5860-5863	1.8	2
35	Facile Synthesis of Enantiomerically Pure Architectures Based on Triphenylene Ketals. *Synthesis*, **2007**, 2007, 1107-1114	2.9	2
34	Oxidative Coupling of Alkylated Anisole Derivatives Using MoCl5. *Synlett*, **2004**, 2004, 1970-1974	2.2	2
33	Reliable Protocol for the Large Scale Synthesis of Diphenylphosphoryl Azide (DPPA). *Synthesis*, **2004**, 2004, 1303-1305	2.9	2
32	Influence of the excitation conditions on the emission behavior of carbon nanodot-based planar microcavities. *Physical Review Research*, **2020**, 2,	3.9	2
31	Mass-Spectrometric Imaging of Electrode Surfaces: A View on Electrochemical Side Reactions. *Angewandte Chemie*, **2020**, 132, 20608-20613	3.6	2
30	Electrochemical Nitration with Nitrite. *ChemSusChem*, **2021**, 14, 4936-4940	8.3	2
29	Process Development for Wet-Chemical Surface Functionalization of Gallium Arsenide Based Nanowires. *Physica Status Solidi (B): Basic Research*, **2019**, 256, 1800678	1.3	1
28	A New Reference Material and Safe Sampling of Terrorists Peroxide Explosives by a Non-Volatile Matrix. *Propellants, Explosives, Pyrotechnics*, **2015**, 40, 590-594	1.7	1
27	Rapid Evaluation of Suitable Substrates with High Affinity to Artificial Caffeine Receptors by MS Based Techniques. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **2005**, 60, 1077-1082	1	1
26	Selective Degradation of Lignosulfonate and Lignin with Periodate to 5-Iodovanillin. *Advanced Sustainable Systems*,2100391	5.9	1
25	Sustainable and cost-efficient electro-synthesis of formamidine acetate from cyanamide in aqueous acidic electrolyte. *Green Chemistry*, **2021**, 23, 3289-3294	10	1
24	Facile access to foldable redox-active flavin-peptide conjugates. *Organic and Biomolecular Chemistry*, **2021**, 19, 4483-4486	3.9	1

23	Innenr□ktitelbild: 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). *Angewandte Chemie*, **2018**, 130, 12355-12355	3.6	1
22	Biogene Produkte: Guter Geschmack aus Holz. *Nachrichten Aus Der Chemie*, **2020**, 68, 42-44	0.1	1
21	Selective Degradation of Lignosulfonate and Lignin with Periodate to 5-Iodovanillin (Adv. Sustainable Syst. 4/2022). *Advanced Sustainable Systems*, **2022**, 6, 2270010	5.9	1
20	Opportunities and challenges of thin-film boron-doped diamond electrochemistry for valuable resources recovery from waste: Organic, inorganic, and volatile product□electrosynthesis. *Current Opinion in Electrochemistry*, **2022**, 32, 100903	7.2	0
19	Beyond Kolbe and Hofer-Moest: Electrochemical Synthesis of Carboxylic Anhydrides from Carboxylic Acids.. *ChemistryOpen*, **2022**, 11, e202200059	2.3	0
18	Innentitelbild: Reagens- und metallfreie anodische C-C-Kreuzkupplung von Anilinderivaten (Angew. Chem. 17/2017). *Angewandte Chemie*, **2017**, 129, 4704-4704	3.6	
17	Selective and Scalable Electrosynthesis of 2H-2-(Aryl)-benzo[d]-1,2,3-triazoles and Their N-Oxides by Using Leaded Bronze Cathodes. *Chemistry - A European Journal*, **2020**, 26, 5556	4.8	
16	Metal- and Reagent-Free Anodic Dehydrogenative Cross-Coupling of Naphthylamines with Phenols. *ChemElectroChem*, **2018**, 5, 1244-1244	4.3	
15	One-Pot Synthesis to Quinone-Based Diaza[3.3]cyclophanes. *European Journal of Organic Chemistry*, **2017**, 2017, 7226-7230	3.2	
14	Solvent-Adaptive Behavior of Oligospirobifluorenes at the Surface of Quartz Crystal Microbalances-A Conformational Process. *ChemPlusChem*, **2017**, 82, 1115	2.8	
13	Source of Selectivity in Oxidative Cross-Coupling of Aryls by Solvent Effect of 1,1,1,3,3,3-Hexafluoropropan-2-ol. *Chemistry - A European Journal*, **2015**, 21, 12209-12209	4.8	
12	Oxidative Cyclization Reaction of 2-Aryl-Substituted Cinnamates To Form Phenanthrene Carboxylates by Using MoCl5. *Chemistry - A European Journal*, **2014**, 20, 12329-12329	4.8	
11	Crystal structure of ethyl 2-(di-eth-oxy-phosphor-yl)-2-(2,3,4-tri-meth-oxy-phen-yl)acetate. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o897-8		
10	Cover Picture: Diversity-Oriented Synthesis of Polycyclic Scaffolds by Modification of an Anodic Product Derived from 2,4-Dimethylphenol (Angew. Chem. Int. Ed. 6/2011). *Angewandte Chemie - International Edition*, **2011**, 50, 1201-1201	16.4	
9	Azolylborates for Electrochemical Double Layer Capacitor Electrolytes. *Zeitschrift Fur Physikalische Chemie*, **2012**, 226, 141-149	3.1	
8	Anodische Kupplungswege von Phenolen. *Nachrichten Aus Der Chemie*, **2008**, 56, 525-527	0.1	
7	Remos Prognose. *Chemie in Unserer Zeit*, **2008**, 42, 375-377	0.2	
6	Instrumentation for Electrosynthetic Screening and Preparative Electrolysis1-23		

5	Crystal structure of 12-benzyl-sulfanyl-2,9-di-bromo-6H-dibenzo[b,g][1,8]naphthyridin-11-one. *Acta Crystallographica Section E: Crystallographic Communications*, **2015**, 71, o675-6	0.7
4	Electrosynthetic Screening and Modern Optimization Strategies for Electrosynthesis of Highly Value-added Products. *ChemElectroChem*, **2021**, 8, 2620-2620	4.3
3	Innentitelbild: Regioselektive metall- und reagenzfreie Arylierung von Benzothiophenen durch dehydrierende Elektrosynthese (Angew. Chem. 40/2018). *Angewandte Chemie*, **2018**, 130, 13162-13162	3.6
2	Electrochemical Oxidative C C Bond Formation **2021**, 29-43	
1	Trendbericht Organische Chemie 2022. *Nachrichten Aus Der Chemie*, **2022**, 70, 42-69	0.1