

# Martin Bertau

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7772657/publications.pdf>

Version: 2024-02-01

130  
papers

2,510  
citations

279701

23  
h-index

243529

44  
g-index

162  
all docs

162  
docs citations

162  
times ranked

2612  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithium market research – global supply, future demand and price development. <i>Energy Storage Materials</i> , 2017, 6, 171-179.	9.5	438
2	Valuable Metals – Recovery Processes, Current Trends, and Recycling Strategies. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2544-2580.	7.2	153
3	Correlates of COVID-19 vaccine hesitancy in Austria: trust and the government. <i>Journal of Public Health</i> , 2022, 44, e106-e116.	1.0	90
4	RecoPhos: Full-scale fertilizer production from sewage sludge ash. <i>Waste Management</i> , 2013, 33, 540-544.	3.7	87
5	Renewable Methanol Synthesis. <i>ChemBioEng Reviews</i> , 2019, 6, 209-236.	2.6	80
6	Methanol for Renewable Energy Storage and Utilization. <i>Energy Technology</i> , 2016, 4, 193-200.	1.8	63
7	Unconventional uranium in China's phosphate rock: Review and outlook. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 140, 110740.	8.2	55
8	Extreme biomimetics: Preservation of molecular detail in centimeter-scale samples of biological meshes laid down by sponges. <i>Science Advances</i> , 2019, 5, eaax2805.	4.7	53
9	Lithium extraction from the mineral zinnwaldite: Part II: Lithium carbonate recovery by direct carbonation of sintered zinnwaldite concentrate. <i>Minerals Engineering</i> , 2017, 110, 75-81.	1.8	51
10	From Pagodanes to Dodecahedranes - Search for a Serviceable Access to the Parent (C <sub>20</sub> H <sub>20</sub> ) Hydrocarbon ** **Dedicated to Professor W. von E. Doering on the occasion of his 80th birthday. H.P. very fondly remembers his two post-doc years at Yale University (1957-59).. <i>Tetrahedron</i> , 1997, 53, 10029-10040.	1.0	47
11	Demulsification of water/crude oil emulsion using natural rock Alginite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 553, 71-79.	2.3	45
12	Energy Storage as Part of a Secure Energy Supply. <i>ChemBioEng Reviews</i> , 2017, 4, 144-210.	2.6	42
13	A novel highly stereoselective synthesis of chiral 5- and 4,5-substituted 2-oxazolidinones. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 2103-2107.	1.8	38
14	Spider Chitin: An Ultrafast Microwave-Assisted Method for Chitin Isolation from <i>Caribena versicolor</i> Spider Molt Cuticle. <i>Molecules</i> , 2019, 24, 3736.	1.7	35
15	Highly efficient and stereoselective biosynthesis of (2S,5S)-hexanediol with a dehydrogenase from <i>Saccharomyces cerevisiae</i> . <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1540.	1.5	34
16	Working from home, quality of life, and perceived productivity during the first 50-day COVID-19 mitigation measures in Austria: a cross-sectional study. <i>International Archives of Occupational and Environmental Health</i> , 2021, 94, 1823-1837.	1.1	34
17	Spider Chitin. The biomimetic potential and applications of <i>Caribena versicolor</i> tubular chitin. <i>Carbohydrate Polymers</i> , 2019, 226, 115301.	5.1	33
18	The Pagodane – Dodecahedrane Concept – Shorter Routes, Higher Yields. <i>Chemistry - A European Journal</i> , 1996, 2, 570-579.	1.7	32

#	ARTICLE	IF	CITATIONS
19	Recycling of rare earth elements from FeNdB-Magnets via solid-state chlorination. <i>Journal of Cleaner Production</i> , 2019, 215, 131-143.	4.6	31
20	Lignite ash: Waste material or potential resource - Investigation of metal recovery and utilization options. <i>Hydrometallurgy</i> , 2017, 168, 141-152.	1.8	30
21	Solid state and phase transformation mechanism of kaolin sintered with limestone for alumina extraction. <i>Applied Clay Science</i> , 2020, 196, 105771.	2.6	26
22	Novel Developments in Biocatalytic Organic Chemistry. <i>Current Organic Chemistry</i> , 2002, 6, 987-1014.	0.9	26
23	Engineering Cofactor Preference of Ketone Reducing Biocatalysts: A Mutagenesis Study on a $\beta$ -Diketone Reductase from the Yeast <i>Saccharomyces cerevisiae</i> Serving as an Example. <i>International Journal of Molecular Sciences</i> , 2010, 11, 1735-1758.	1.8	25
24	Enhancing rare earth element transfer from phosphate rock to phosphoric acid using an inexpensive fly ash additive. <i>Minerals Engineering</i> , 2021, 172, 107166.	1.8	25
25	Biocatalytic production of (5S)-hydroxy-2-hexanone. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 304-314.	1.5	24
26	Integrated process for lithium recovery from zinnwaldite. <i>International Journal of Mineral Processing</i> , 2017, 160, 8-15.	2.6	24
27	Fast Response to Superspreading: Uncertainty and Complexity in the Context of COVID-19. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7884.	1.2	24
28	Conversion of Green Methanol to Methyl Formate. <i>Catalysts</i> , 2021, 11, 869.	1.6	24
29	Methanol Needs More Attention as a Fuel and Raw Material for the Future. <i>Chemie-Ingenieur-Technik</i> , 2010, 82, 2055-2058.	0.4	23
30	Uranium and other heavy metal sorption from Moroccan phosphoric acid with argan nutshell sawdust. <i>Minerals Engineering</i> , 2021, 171, 107085.	1.8	23
31	Thiol-tolerant assay for quantitative colorimetric determination of chloride released from whole-cell biodehalogenations. <i>Analytical Biochemistry</i> , 2004, 328, 22-28.	1.1	22
32	Methanol Synthesis by CO <sub>2</sub> Hydrogenation over Cu/ZnO/Al <sub>2</sub> O <sub>3</sub> Catalysts under Fluctuating Conditions. <i>Chemie-Ingenieur-Technik</i> , 2018, 90, 721-724.	0.4	22
33	Secododecahedradienes - Syntheses, Reactivity, in-Plane Homoconjugated 3C/2e Cations, 4C/3e Radical Cations, and $\beta$ -Bishomoaromatic 4C/2e Dications?. <i>Helvetica Chimica Acta</i> , 2001, 84, 1518-1560.	1.0	21
34	Headspace solid-phase microextraction-gas chromatography-mass spectrometry determination of the characteristic flavourings menthone, isomenthone, neomenthol and menthol in serum samples with and without enzymatic cleavage to validate post-offence alcohol drinking claims. <i>Analytica Chimica Acta</i> , 2009, 646, 128-140.	2.6	21
35	Extreme Biomimetics: Designing of the First Nanostructured 3D Spongin-Atacamite Composite and its Application. <i>Advanced Materials</i> , 2021, 33, e2101682.	11.1	21
36	Enzymatic hydrolysis of pre-treated lignocellulose with <i>Penicillium verruculosum</i> cellulases. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 103, 29-35.	1.8	20

#	ARTICLE	IF	CITATIONS
37	Lithium extraction from the mineral zinnwaldite: Part I: Effect of thermal treatment on properties and structure of zinnwaldite. <i>Minerals Engineering</i> , 2017, 111, 55-67.	1.8	20
38	Permeability dependencies on the carrier concentration and membrane viscosity for Y(III) and Eu(III) transport by using liquid membranes. <i>Separation and Purification Technology</i> , 2020, 239, 116573.	3.9	19
39	Rare earth elements recovery from secondary wastes by solid-state chlorination and selective organic leaching. <i>Waste Management</i> , 2021, 122, 55-63.	3.7	19
40	How Cell Physiology Affects Enantioselectivity of the Biotransformation of Ethyl 4-chloro-acetoacetate with <i>Saccharomyces cerevisiae</i> . <i>Biocatalysis and Biotransformation</i> , 2002, 20, 363-367.	1.1	18
41	Formate dehydrogenase - a biocatalyst with novel applications in organic chemistry. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7941.	1.5	18
42	Wertmetalle – Gewinnungsverfahren, aktuelle Trends und Recyclingstrategien. <i>Angewandte Chemie</i> , 2017, 129, 2586-2624.	1.6	18
43	Novel unusual microbial dehalogenation during enantioselective reduction of ethyl 4,4,4-trifluoro acetoacetate with baker's yeast. <i>Tetrahedron Letters</i> , 2001, 42, 1267-1268.	0.7	17
44	Pulp properties resulting from different pretreatments of wheat straw and their influence on enzymatic hydrolysis rate. <i>Bioresource Technology</i> , 2014, 169, 206-212.	4.8	17
45	Willingness to receive an annual COVID-19 booster vaccine in the German-speaking D-A-CH region in Europe: A cross-sectional study. <i>Lancet Regional Health - Europe</i> , The, 2022, 18, 100414.	3.0	17
46	Lithium Recovery from Challenging Deposits: Zinnwaldite and Magnesium-Rich Salt Lake Brines. <i>ChemBioEng Reviews</i> , 2017, 4, 360-376.	2.6	16
47	Lithium Extracting from Zinnwaldite: Economical Comparison of an Adapted Spodumene and a Direct-Carbonation Process. <i>Chemical Engineering and Technology</i> , 2018, 41, 975-982.	0.9	16
48	The COOL-Process – A Selective Approach for Recycling Lithium Batteries. <i>Metals</i> , 2021, 11, 259.	1.0	16
49	Rückgewinnung Seltener Erden aus quecksilberbelasteten Leuchtstoffen mittels Feststoffchlorierung. <i>Chemie-Ingenieur-Technik</i> , 2015, 87, 1373-1382.	0.4	15
50	Iron(III) removal and rare earth element recovery from a synthetic wet phosphoric acid solution using solvent extraction. <i>Minerals Engineering</i> , 2022, 182, 107569.	1.8	15
51	Equilibrium-dependent hydration of ethyl 4,4,4-trifluoro-acetoacetate in aqueous solutions and consequences for the whole-cell biotransformation with <i>Saccharomyces cerevisiae</i> . <i>Enzyme and Microbial Technology</i> , 2003, 32, 491-497.	1.6	14
52	Recycling of rare earth elements from SmCo5-Magnets via solid-state chlorination. <i>Journal of Cleaner Production</i> , 2020, 246, 118980.	4.6	13
53	Understanding phosphorus phases in sewage sludge ashes: A wet-process investigation coupled with automated mineralogy analysis. <i>Minerals Engineering</i> , 2016, 99, 30-39.	1.8	12
54	Fungal Aerobic Reductive Dechlorination of Ethyl 2-Chloroacetoacetate by <i>Saccharomyces cerevisiae</i> : Mechanism of a Novel Type of Microbial Dehalogenation. <i>ChemBioChem</i> , 2004, 5, 87-92.	1.3	11

#	ARTICLE	IF	CITATIONS
55	Effects of caffeine on stereoselectivities of high cell density biotransformations of cyclic Î²-keto esters with <i>Saccharomyces cerevisiae</i> . <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3456.	1.5	11
56	Recovery of Al, Co, Cu, Fe, Mn, and Ni from Spent LIBs after Li Selective Separation by the COOLâ€¢Process. Part 1: Leaching of Solid Residue from COOLâ€¢Process. <i>Chemie-Ingenieur-Technik</i> , 2021, 93, 1833-1839.	0.4	11
57	Liquid Membranes for Efficient Recovery of Phenolic Compounds Such as Vanillin and Catechol. <i>Membranes</i> , 2021, 11, 20.	1.4	11
58	Recovery of Al, Co, Cu, Fe, Mn, and Ni from spent LIBs after Li selective separation by COOLâ€¢Process â€¢ Partâ€¢2: Solvent Extraction from Sulphate Leaching Solution. <i>Chemie-Ingenieur-Technik</i> , 2021, 93, 1840-1850.	0.4	10
59	Better filterability and reduced radioactivity of phosphogypsum during phosphoric acid production in Morocco using a fly ash waste and pure silica additive. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2022, 331, 1609-1617.	0.7	10
60	Application of Material and Energy Flow Analysis in the Early Stages of Biotechnical Process Development â€¢ Case Study. <i>Chemical Engineering and Technology</i> , 2010, 33, 618-628.	0.9	9
61	Integrated Direct Carbonation Process for Lithium Recovery from Primary and Secondary Resources. <i>Materials Science Forum</i> , 2019, 959, 69-73.	0.3	9
62	Recycling of Primary Lithium Batteries Production Residues. <i>ChemPhysChem</i> , 2021, 22, 577-584.	1.0	9
63	Recycling of rare earths from fluorescent lamp waste by the integration of solid-state chlorination, leaching and solvent extraction processes. <i>Separation and Purification Technology</i> , 2021, 272, 118879.	3.9	9
64	Saccharides as efficacious solubilisers for highly lipophilic compounds in aqueous media. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 2973-2983.	1.4	8
65	Model evaluation for glycolytic oscillations in yeast biotransformations of xenobiotics. <i>Biophysical Chemistry</i> , 2004, 109, 413-426.	1.5	8
66	Predictive tools for the evaluation of microbial effects on drugs during gastrointestinal passage. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2010, 6, 747-760.	1.5	8
67	Transformation of Nanostructured Schwertmannite and 2â€¢Ferrihydrite into Hematite. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1696-1700.	0.6	8
68	Ganzzellâ€¢Biokatalyse mittels <i>Saccharomyces cerevisiae</i> im Mikroreaktor. <i>Chemie-Ingenieur-Technik</i> , 2009, 81, 343-347.	0.4	7
69	Production of ferrihydrite and schwertmannite using a microjet mixer device. <i>Chemical Engineering Research and Design</i> , 2015, 98, 70-80.	2.7	7
70	Lithiumgewinnung aus anspruchsvollen LagerstÃ¢tten: Zinnwaldit und magnesiumreiche Salzseen. <i>Chemie-Ingenieur-Technik</i> , 2017, 89, 64-81.	0.4	7
71	Recycling of Rare Earth Elements. <i>ChemistrySelect</i> , 2017, 2, .	0.7	7
72	A novel convenient procedure for extractive work-up of whole-cell biotransformations using de-emulsifying hydrolases. <i>Biotechnology and Bioengineering</i> , 2004, 87, 525-536.	1.7	6

#	ARTICLE	IF	CITATIONS
73	Effects of cell stress protectant glutathione on the whole-cell biotransformation of ethyl 2-chloro-acetoacetate with <i>Saccharomyces cerevisiae</i> . <i>Biocatalysis and Biotransformation</i> , 2005, 23, 9-17.	1.1	6
74	Microbial De-emulsification: A Highly Efficient Procedure for the Extractive Workup of Whole-Cell Biotransformations. <i>Organic Process Research and Development</i> , 2006, 10, 1119-1125.	1.3	6
75	Biosimulation of drug metabolism – A yeast based model. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 36, 157-170.	1.9	6
76	Production and properties of threonine aldolase immobilisates. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 103, 3-9.	1.8	6
77	Wertstoffgewinnung aus Kraftwerksaschen Teil II: Thermische und chemische Behandlung von Braunkohlenkraftwerksaschen zur Gewinnung strategischer Metalle. <i>Chemie-Ingenieur-Technik</i> , 2015, 87, 1514-1526.	0.4	6
78	Lignin from Annual Plants as Raw Material Source for Flavors and Basic Chemicals. <i>Chemie-Ingenieur-Technik</i> , 2020, 92, 1733-1740.	0.4	6
79	An Improved Evaluation Strategy for Ash Analysis Using Scanning Electron Microscope Automated Mineralogy. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 484.	0.8	6
80	Determination of germanium in plant and soil samples using high-resolution continuum source graphite furnace atomic absorption spectrometry (HR CS GFAAS) with solid sampling. <i>Journal of Geochemical Exploration</i> , 2021, 220, 106674.	1.5	5
81	Hydrogen Terminated Silicon Nanopowders: Gas Phase Synthesis, Oxidation Behaviour, and Si-H Reactivity. <i>Silicon</i> , 2015, 7, 31-42.	1.8	4
82	Extraktive Gewinnung von Germanium aus pflanzlicher Biomasse. <i>Chemie-Ingenieur-Technik</i> , 2017, 89, 117-126.	0.4	4
83	Wertstoffchemie: Die Rohstoffbasis sichern. <i>Nachrichten Aus Der Chemie</i> , 2017, 65, 1206-1209.	0.0	4
84	Flüssig-Flüssig-Extraktion von Indium aus sauren Lösungen. <i>Chemie-Ingenieur-Technik</i> , 2019, 91, 1681-1687.	0.4	4
85	Comment on Alley, S.J., et al. As the Pandemic Progresses, How Does Willingness to Vaccinate against COVID-19 Evolve? <i>Int. J. Environ. Res. Public Health</i> 2021, 18, 797. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2809.	1.2	4
86	Wastewater treatment plant processes affect P-phases in sewage sludge ashes. <i>Minerals Engineering</i> , 2021, 173, 107138.	1.8	4
87	Rückgewinnung Seltener Erden aus FeNdB-Dauermagneten mittels Feststoffchlorierung. <i>Chemie-Ingenieur-Technik</i> , 2017, 89, 1210-1219.	0.4	3
88	Particle responses of stabilised fly ash to chemical treatment for resource extraction: An automated mineralogy investigation. <i>Minerals Engineering</i> , 2020, 145, 106092.	1.8	3
89	Utilization of Hemicelluloses as Example for Holistic Recovery of Agricultural Residues. <i>Chemie-Ingenieur-Technik</i> , 2020, 92, 1764-1771.	0.4	3
90	Lithium recovery from production waste by thermal pre-treatment. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 28, 100725.	1.6	3

#	ARTICLE	IF	CITATIONS
91	Simulation in Clinical Drug Development. , 0, , 1-26.		2
92	Reaktionstechnische Aspekte der biokatalytischen Herstellung funktionalisierter Organosiloxane. Chemie-Ingenieur-Technik, 2010, 82, 51-63.	0.4	2
93	Alginit - Ein neuartiges Filtermaterial für die Reinigung von Abwasser. Chemie-Ingenieur-Technik, 2016, 88, 1320-1321.	0.4	2
94	Synthesis and Characterisation of In Situ Doped Silicon Nanoparticles. Silicon, 2017, 9, 135-145.	1.8	2
95	Removal of Endocrine Disrupting Chemicals in Water with the Natural Mineral Alginate. Chemie-Ingenieur-Technik, 2017, 89, 814-822.	0.4	2
96	Method for the Recovery of Indium from Diluted Bioleaching Solutions. Solid State Phenomena, 0, 262, 265-268.	0.3	2
97	Spatial monitoring of the liquid phase with multiparameter sensors in industrial-scale fermenters. TM Technisches Messen, 2017, 84, 620-627.	0.3	2
98	The SepSELSAâ€œProject â€œ How Rare Earths are Recovered from Fluorescence Lamps. Chemkon - Chemie Konkret, Forum Fuer Unterricht Und Didaktik, 2019, 26, 72-77.	0.2	2
99	Alginate rock as effective demulsifier to separate water from various crude oil emulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 611, 125830.	2.3	2
100	Separation of Indium from Acid Sulfateâ€œContaining Solutions by Ion Exchange with Impregnated Resins. Chemie-Ingenieur-Technik, 2021, 93, 1859-1867.	0.4	2
101	Methanol â€œ der Kraftstoff, der uns morgen antreibt. , 2019, , 480-531.		2
102	Enhanced alumina extraction from kaolin by thermochemical activation using charcoal. Clay Minerals, 2021, 56, 269-283.	0.2	2
103	Valorization of cocoa's mucilage waste to ethanol and subsequent direct catalytic conversion into ethylene. Journal of Chemical Technology and Biotechnology, 2022, 97, 2171-2178.	1.6	2
104	Neuartiges Verfahren zur extraktiven Isolierung von organischen Komponenten aus Ganzzell-Biotransformationen. Chemie-Ingenieur-Technik, 2004, 76, 1739-1742.	0.4	1
105	Optimizing Temporal Patterns of Anticancer Drug Delivery by Simulations of a Cell Cycle Automaton. , 0, , 273-297.		1
106	Direktsynthese von Bioethylen aus Weizenstroh. Chemie-Ingenieur-Technik, 2016, 88, 183-191.	0.4	1
107	Scaling up the Synthesis of a Hydroxyquinoline-Functionalized <i>p</i> -tert-Butylcalix[4]arene. Organic Process Research and Development, 2019, 23, 2425-2438.	1.3	1
108	Titelbild: Das SepSELSAâ€œProjekt â€œ Wie man Seltene Erden aus Leuchtstoffröhren gewinnt (CHEMKON) Tj ETQq0,0 0 rgBT1/Overlock	0,2	1

#	ARTICLE	IF	CITATIONS
109	Enzymatic Hydrolysis and Fermentation of Apple Pomace. <i>Chemie-Ingenieur-Technik</i> , 2020, 92, 1772-1779.	0.4	1
110	Aluminiumhydroxychlorid-Flöckungsmittel aus dem Kupferrecycling aus Abfällen der Leiterplattenproduktion. <i>Chemie-Ingenieur-Technik</i> , 2020, 92, 368-378.	0.4	1
111	Oxidation of Sulphur Dioxide using Micro- and Nanoparticles of various Iron Oxides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1583-1593.	0.6	1
112	Unravelling the influence of water content, reaction time, and temperature on the heterogeneous synthesis of methyl formate. <i>Fuel</i> , 2022, 307, 121875.	3.4	1
113	Linking Automated Scanning Electron Microscope Based Investigations to Chemical Analysis for an Improved Understanding of Ash Characteristics. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1182.	0.8	1
114	Constructing a Virtual Proteasome. , 0, , 373-400.		0
115	Silicon Cell Models: Construction, Analysis, and Reduction. , 0, , 401-423.		0
116	Biosimulation and Its Contribution to the Three Rs. , 0, , 485-496.		0
117	Technical note: Flotation as a method for concentration of precious metals in electric arc furnace slag. <i>International Journal of Mineral Processing</i> , 2016, 156, 134-136.	2.6	0
118	Neuartiger Verfahrensansatz zur Gewinnung von Lithiumcarbonat aus Zinnwaldit. <i>Chemie-Ingenieur-Technik</i> , 2016, 88, 1382-1382.	0.4	0
119	Ein Verfahren zur Gewinnung von Indium aus extrem verdünnten Lösungen mit Flüssig-Flüssig-Extraktion. <i>Chemie-Ingenieur-Technik</i> , 2016, 88, 1347-1348.	0.4	0
120	Einfluss von anionischen Salzen auf die Laccase aus <i>Trametes versicolor</i> und die Depolymerisation von Lignin. <i>Chemie-Ingenieur-Technik</i> , 2016, 88, 1349-1349.	0.4	0
121	Rückgewinnung von Zinn aus ehemaligen Bergbauhalden. <i>Chemie-Ingenieur-Technik</i> , 2017, 89, 127-134.	0.4	0
122	Lithiumgewinnung aus anspruchsvollen Lagerstätten: Zinnwaldit und magnesiumreiche Salzseen. <i>Chemie-Ingenieur-Technik</i> , 2017, 89, 1107-1107.	0.4	0
123	Future Securing of the Raw Materials Base. <i>Chemie-Ingenieur-Technik</i> , 2018, 90, 1647-1657.	0.4	0
124	Future Securing of the Raw Materials Base. <i>ChemBioEng Reviews</i> , 2019, 6, 45-54.	2.6	0
125	The Boundary Layer as Reaction Compartment for the Synthesis of Hydroxyalkyl-functionalized Siloxanes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2012, 67, 995-1004.	0.3	0
126	Extraction of Phosphate from Waste Materials. <i>ChemistryViews</i> , 0, , .	0.0	0



#	ARTICLE	IF	CITATIONS
127	Grundlagen der nachhaltigen Verfahrensentwicklung. Springer Reference Naturwissenschaften, 2019, , 1-59.	0.2	0
128	Grundlagen der nachhaltigen Verfahrensentwicklung. Springer Reference Naturwissenschaften, 2020, , 435-493.	0.2	0
129	Statistical Design of Experiments in the Catalyst Validation of a Cu/ZnO/Al <sub>2</sub> O <sub>3</sub> Catalyst for PtM Applications. Chemie-Ingenieur-Technik, 0, , .	0.4	0
130	sigma-Bishomoconjugation (sigma-Bishomoaromaticity) in 4C/3(2)e Cations-Scope and Limitations This project has been supported by the Deutsche Forschungsgemeinschaft, the Fonds der Chemischen Industrie, and BASF AG. We thank A. Kurscheidt and M. Lutterbeck for technical assistance, Dr. D. Hunkler and Dr. J. WÄrth for NMR and MS measurements, and Prof. Dr. T. Bally for access to his (60)Co-gamma-irradiation equipment.. Angewandte Chemie - International Edition, 2001, 40, 911-914.	7.2	0