

# Bernhard KrÄutler

## List of Publications by Year in descending order

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224  
papers

8,608  
citations

53939

47  
h-index

71088

80  
g-index

264  
all docs

264  
docs citations

264  
times ranked

6346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antivitamins B12: Synthesis and application as inhibitory ligand of the B12-tailoring enzyme CblC. <i>Methods in Enzymology</i> , 2022, 668, 157-178.	0.4	1
2	Antivitamins B12. <i>Vitamins and Hormones</i> , 2022, 119, 221-240.	0.7	5
3	Bioorganometallic Chemistry of Vitamin B12-Derivatives. , 2021, , .		0
4	Surprising Homolytic Gas Phase Co <sup>+</sup> C Bond Dissociation Energies of Organometallic Aryl <sup>-</sup> Cobinamides Reveal Notable Non <sup>-</sup> Bonded Intramolecular Interactions. <i>Chemistry - A European Journal</i> , 2021, 27, 7252-7264.	1.7	5
5	An evergreen mind and a heart for the colors of fall. <i>Journal of Experimental Botany</i> , 2021, 72, 4625-4633.	2.4	4
6	A Blue Zinc Complex of a Dioxobilin <sup>-</sup> Type Pink Chlorophyll Catabolite Exhibiting Bright Chelation <sup>-</sup> Enhanced Red Fluorescence. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1904-1912.	1.0	5
7	Synthesis, Spectral Characterization and Crystal Structure of Chlororhodibalamin: A Synthesis Platform for Rhodium Analogues of Vitamin B12 and for Rh-Based Antivitamins B12. <i>Synthesis</i> , 2021, 53, 332-337.	1.2	9
8	Replacement of the Cobalt Center of Vitamin B <sub>12</sub> by Nickel: Nibalamin and Nibyric Acid Prepared from Metal <sup>-</sup> Free B <sub>12</sub> ...Ligands Hydrogenobalamin and Hydrogenobyric Acid. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20129-20136.	7.2	18
9	Antivitamins B <sub>12</sub> <sup>-</sup> Some Inaugural Milestones. <i>Chemistry - A European Journal</i> , 2020, 26, 15438-15445.	1.7	18
10	Ultrafast Excited State Dynamics and Fluorescence from Vitamin B <sub>12</sub> and Organometallic [Co] <sup>-</sup> C <sup>-</sup> R Cobalamins. <i>Journal of Physical Chemistry B</i> , 2020, 124, 6651-6656.	1.2	7
11	Replacement of the Cobalt Center of Vitamin B <sub>12</sub> by Nickel: Nibalamin and Nibyric Acid Prepared from Metal <sup>-</sup> Free B <sub>12</sub> ...Ligands Hydrogenobalamin and Hydrogenobyric Acid. <i>Angewandte Chemie</i> , 2020, 132, 20304-20311.	1.6	2
12	Frontispiece: Antivitamins B <sub>12</sub> <sup>-</sup> Some Inaugural Milestones. <i>Chemistry - A European Journal</i> , 2020, 26, .	1.7	0
13	The intermolecular anthracene-transfer in a regiospecific antipodal C <sub>60</sub> -difunctionalization. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4090-4103.	1.5	1
14	Phyllobilins from Senescence-Associated Chlorophyll Breakdown in the Leaves of Basil ( <i>Ocimum</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> <i>Chemistry</i> , 2020, 68, 7132-7142.	2.4	15
15	The red chlorophyll catabolite (RCC) is an inefficient sensitizer of singlet oxygen <sup>-</sup> photochemical studies of the methyl ester of RCC. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 668-673.	1.6	7
16	Exceptional Photochemical Stability of the Co <sup>-</sup> C Bond of Alkynyl Cobalamins, Potential Antivitamins B <sub>12</sub> and Core Elements of B <sub>12</sub> -Based Biological Vectors. <i>Inorganic Chemistry</i> , 2020, 59, 6422-6431.	1.9	9
17	Using sliding mode observers to estimate BtuB concentration from measured vitamin B <sub>12</sub> concentration. <i>IET Systems Biology</i> , 2020, 14, 334-342.	0.8	0
18	Zinc Substitution of Cobalt in Vitamin <sup>-</sup> ...B12: Zincobyric acid and Zincobalamin as Luminescent Structural B12 <sup>-</sup> Mimics. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14568-14572.	7.2	25

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19	Zinc Substitution of Cobalt in Vitamin B <sub>12</sub> : Zincobyrinic acid and Zincobalamin as Luminescent Structural B <sub>12</sub> -Mimics. <i>Angewandte Chemie</i> , 2019, 131, 14710-14714.	1.6	4
20	Die Hydrogenobyrinsäure-Struktur enthallt den Corrin-Liganden als entatisches Zustandsmodul zur Steigerung der Katalyseaktivitat von B <sub>12</sub> -Cofaktoren. <i>Angewandte Chemie</i> , 2019, 131, 10869-10873.	1.6	8
21	Antivitamins B <sub>12</sub> in a Microdrop: The Excited-State Structure of a Precious Sample Using Transient Polarized X-ray Absorption Near-Edge Structure. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5484-5489.	2.1	10
22	Comment on A. Tiessen – The fluorescent blue glow of banana fruits is not due to symplasmic plastidial catabolism but arises from insoluble phenols esterified to the cell wall. <i>Plant Science</i> , 2019, 280, 461-462.	1.7	0
23	Yellow Dioxobilin-Type Tetrapyrroles from Chlorophyll Breakdown in Higher Plants – A New Class of Colored Phyllobilins. <i>Chemistry - A European Journal</i> , 2019, 25, 4052-4057.	1.7	12
24	Cryptic chlorophyll breakdown in non-senescent green <i>Arabidopsis thaliana</i> leaves. <i>Photosynthesis Research</i> , 2019, 142, 69-85.	1.6	12
25	A pink colored dioxobilin-type phyllobilin from breakdown of chlorophyll. <i>Monatshefte fur Chemie</i> , 2019, 150, 813-820.	0.9	8
26	The Hydrogenobyrinic Acid Structure Reveals the Corrin Ligand as an Entatic State Module Empowering B <sub>12</sub> -Cofactors for Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10756-10760.	7.2	30
27	In Search of Bioactivity – Phyllobilins, an Unexplored Class of Abundant Heterocyclic Plant Metabolites from Breakdown of Chlorophyll. <i>Israel Journal of Chemistry</i> , 2019, 59, 420-431.	1.0	15
28	Chlorophyll breakdown – Regulation, biochemistry and phyllobilins as its products. <i>Advances in Botanical Research</i> , 2019, 90, 213-271.	0.5	18
29	Biological Organometallic Chemistry of Vitamin B <sub>12</sub> -Derivatives. , 2019, , 399-430.		8
30	<i>In My Element</i>: Cobalt. <i>Chemistry - A European Journal</i> , 2019, 25, 4870-4870.	1.7	2
31	Chlorophyll Breakdown – How Chemistry Has Helped to Decipher a Striking Biological Enigma. <i>Synlett</i> , 2019, 30, 263-274.	1.0	7
32	Pyro-Phyllobilins: Elusive Chlorophyll Catabolites Lacking a Critical Carboxylate Function of the Natural Chlorophylls. <i>Chemistry - A European Journal</i> , 2018, 24, 2987-2998.	1.7	11
33	Chlorophyllabbau im Farn – Entdeckung von Phyllobilin-Isomeren mit umgelagertem Kohlenstoffgerust. <i>Angewandte Chemie</i> , 2018, 130, 15153-15157.	1.6	0
34	Chlorophyll Breakdown in a Fern – Discovery of Phyllobilin Isomers with a Rearranged Carbon Skeleton. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14937-14941.	7.2	9
35	A Dipyrrin Programmed for Covalent Loading with Fullerenes. <i>Chemistry - A European Journal</i> , 2018, 24, 10032-10037.	1.7	3
36	Novel Types of Hypermodified Fluorescent Phyllobilins from Breakdown of Chlorophyll in Senescent Leaves of Grapevine (<i>Vitis vinifera</i>). <i>Chemistry - A European Journal</i> , 2018, 24, 17268-17279.	1.7	15

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37	Coordination chemistry controls the thiol oxidase activity of the B12-trafficking protein CblC. <i>Journal of Biological Chemistry</i> , 2017, 292, 9733-9744.	1.6	19
38	Antivitamin B <sub>12</sub> Inhibition of the Human B <sub>12</sub> -Processing Enzyme CblC: Crystal Structure of an Inactive Ternary Complex with Glutathione as the Cosubstrate. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7387-7392.	7.2	30
39	Alpha- and Beta-Diastereoisomers of Phenylcobalamin from Cobalt-Arylation with Diphenyliodonium Chloride. <i>Chemistry - A European Journal</i> , 2017, 23, 9726-9731.	1.7	12
40	Inhibierung des humanen B <sub>12</sub> -verarbeitenden Enzyms CblC durch Antivitamin B <sub>12</sub> – Kristallstruktur des inaktiven ternären Komplexes mit dem Kosubstrat Glutathion. <i>Angewandte Chemie</i> , 2017, 129, 7493-7498.	1.6	6
41	Pathogen-Induced Leaf Chlorosis: Products of Chlorophyll Breakdown Found in Degreened Leaves of Phytoplasma-Infected Apple ( <i>Malus domestica</i> Borkh.) and Apricot ( <i>Prunus</i> ) Tj ETQq1 1 0.784314 rgBT / Overlock 1 <i>Agricultural and Food Chemistry</i> , 2017, 65, 2651-2660.	2.4	36
42	On the Nature of Isomeric Nonfluorescent Chlorophyll Catabolites in Leaves and Fruit – A Study with a Ubiquitous Phylloleucobilin and its Main Isomerization Product. <i>Chemistry and Biodiversity</i> , 2017, 14, e1700368.	1.0	5
43	Organometallic DNA-B <sub>12</sub> Conjugates as Potential Oligonucleotide Vectors: Synthesis and Structural and Binding Studies with Human Cobalamin-Transport Proteins. <i>ChemBioChem</i> , 2017, 18, 2280-2291.	1.3	7
44	Partial Synthesis of Coenzyme B <sub>12</sub> from Cobyric Acid. <i>Helvetica Chimica Acta</i> , 2017, 100, e1700170.	1.0	10
45	Quinone-fused porphyrins as contrast agents for photoacoustic imaging. <i>Chemical Science</i> , 2017, 8, 6176-6181.	3.7	44
46	Structure of the human transcobalamin beta domain in four distinct states. <i>PLoS ONE</i> , 2017, 12, e0184932.	1.1	5
47	Coenzym B <sub>12</sub> – umfunktioniert für die Photoregulation der Genexpression. <i>Angewandte Chemie</i> , 2016, 128, 5728-5730.	1.6	4
48	Panchromatic Extended Porphyrins from Conjugation with Quinones. <i>ChemPlusChem</i> , 2016, 81, 477-488.	1.3	14
49	Cyanobacteria and Eukaryotic Algae Use Different Chemical Variants of Vitamin B12. <i>Current Biology</i> , 2016, 26, 999-1008.	1.8	220
50	Breakdown of Chlorophyll in Higher Plants – Phyllobilins as Abundant, Yet Hardly Visible Signs of Ripening, Senescence, and Cell Death. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4882-4907.	7.2	96
51	Synthesis, spectroscopic and crystallographic analysis of the Zn-complex of a di(1,2-sulfoleno)pyrrin: model for Zn-complexes of bilirubin and of phylloxanthobilins. <i>Monatshefte für Chemie</i> , 2016, 147, 1031-1036.	0.9	3
52	Zn-complex of a natural yellow chlorophyll catabolite. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 388-396.	0.4	9
53	Chlorophyll Catabolites in Senescent Leaves of the Plum Tree ( <i>Prunus domestica</i> ). <i>Chemistry and Biodiversity</i> , 2016, 13, 1441-1453.	1.0	21
54	Chlorophyll-Derived Yellow Phyllobilins of Higher Plants as Medium-Responsive Chiral Photoswitches. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15760-15765.	7.2	24

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55	Total Synthesis, Structure, and Biological Activity of Adenosylrhodibalamin, the Non-Natural Rhodium Homologue of Coenzyme B <sub>12</sub> . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11281-11286.	7.2	42
56	Toward the Design of Photoresponsive Conditional Antivitamins B <sub>12</sub> : A Transient Absorption Study of an Arylcobalamin and an Alkynylcobalamin. <i>Journal of the American Chemical Society</i> , 2016, 138, 14250-14256.	6.6	33
57	Totalsynthese, Struktur und biologische Aktivität von Adenosylrhodibalamin, dem unnatürlichen Rhodiumhomologen von Coenzym B <sub>12</sub> . <i>Angewandte Chemie</i> , 2016, 128, 11451-11456.	1.6	7
58	Von Chlorophyll abstammende gelbe Phyllobiline höherer Pflanzen als umgebungsgesteuerte, chirale Photoschalter. <i>Angewandte Chemie</i> , 2016, 128, 15992-15997.	1.6	4
59	Innentitelbild: Von Chlorophyll abstammende gelbe Phyllobiline höherer Pflanzen als umgebungsgesteuerte, chirale Photoschalter ( <i>Angew. Chem.</i> 51/2016). <i>Angewandte Chemie</i> , 2016, 128, 15912-15912.	1.6	0
60	Coenzyme B <sub>12</sub> Repurposed for Photoregulation of Gene Expression. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5638-5640.	7.2	13
61	Chlorophyll Catabolites in Fall Leaves of the Wych Elm Tree Present a Novel Glycosylation Motif. <i>Chemistry - A European Journal</i> , 2016, 22, 9498-9503.	1.7	23
62	Der Chlorophyllabbau in höheren Pflanzen – Phyllobiline als weitverbreitete, aber kaum sichtbare Zeichen von Reifung, Seneszenz und Zelltod. <i>Angewandte Chemie</i> , 2016, 128, 4964-4990.	1.6	18
63	Vitamin B12 and derivatives – In vitro permeation studies across Caco-2 cell monolayers and freshly excised rat intestinal mucosa. <i>International Journal of Pharmaceutics</i> , 2016, 497, 129-135.	2.6	15
64	Methylfolate Trap Promotes Bacterial Thymineless Death by Sulfa Drugs. <i>PLoS Pathogens</i> , 2016, 12, e1005949.	2.1	42
65	1 Organometallic Chemistry of B <sub>12</sub> Coenzymes. , 2015, , 1-52.		0
66	Hydroxymethylated Dioxobilins in Senescent <i>Arabidopsis thaliana</i> Leaves: Sign of a Puzzling Biosynthetic Intermezzo of Chlorophyll Breakdown. <i>Chemistry - A European Journal</i> , 2015, 21, 11664-11670.	1.7	20
67	Antivitamins B <sub>12</sub> – A Structure- and Reactivity-Based Concept. <i>Chemistry - A European Journal</i> , 2015, 21, 11280-11287.	1.7	53
68	Transition metal complexes of phyllobilins – a new realm of bioinorganic chemistry. <i>Dalton Transactions</i> , 2015, 44, 10116-10127.	1.6	30
69	A Dioxobilin-Type Fluorescent Chlorophyll Catabolite as a Transient Early Intermediate of the Dioxobilin-Branch of Chlorophyll Breakdown in <i>Arabidopsis thaliana</i> . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13777-13781.	7.2	27
70	Colorless Chlorophyll Catabolites in Senescent Florets of Broccoli ( <i>Brassica oleracea</i> var.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	2.4	31
71	Synthesis, solution and crystal structure of the coenzyme B12 analogue Co <sup>2+</sup> -2-fluoro-2,5-dideoxyadenosylcobalamin. <i>Journal of Inorganic Biochemistry</i> , 2015, 148, 62-68.	1.5	0
72	Stereo- and Regioselective Phyllobilane Oxidation in Leaf Homogenates of the Peace Lily ( <i>Spathiphyllum wallisii</i> ): Hypothetical Endogenous Path to Yellow Chlorophyll Catabolites. <i>Chemistry - A European Journal</i> , 2015, 21, 136-149.	1.7	36

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73	A gatekeeper helix determines the substrate specificity of SjÄrgrenâ€Larsson Syndrome enzyme fatty aldehyde dehydrogenase. <i>Nature Communications</i> , 2014, 5, 4439.	5.8	55
74	Exogenous 5,6â€dimethylbenzimidazole caused production of a nonâ€functional tetrachloroethene reductive dehalogenase in <i>Sulfurospirillum multivorans</i> . <i>Environmental Microbiology</i> , 2014, 16, 3361-3369.	1.8	49
75	Hydroxymethylated Phyllobilins: A Puzzling New Feature of the Dioxobilin Branch of Chlorophyll Breakdown. <i>Chemistry - A European Journal</i> , 2014, 20, 87-92.	1.7	33
76	Photochemical studies of a fluorescent chlorophyll catabolite â€ source of bright blue fluorescence in plant tissue and efficient sensitizer of singlet oxygen. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 407-411.	1.6	22
77	Organometallic B <sub>12</sub> â€DNA Conjugate: Synthesis, Structure Analysis, and Studies of Binding to Human B <sub>12</sub> â€Transporter Proteins. <i>Chemistry - A European Journal</i> , 2014, 20, 13103-13107.	1.7	13
78	Phyllobilins â€ the abundant bilin-type tetrapyrrolic catabolites of the green plant pigment chlorophyll. <i>Chemical Society Reviews</i> , 2014, 43, 6227-6238.	18.7	79
79	Blue transition metal complexes of a natural bilin-type chlorophyll catabolite. <i>Chemical Science</i> , 2014, 5, 3388-3395.	3.7	33
80	Water deficit induces chlorophyll degradation via the â€PAO/phyllobilinâ€™ pathway in leaves of homoioâ€ ( <i>Cyperostigma pumilum</i> ) and poikilochlorophyllous ( <i>Xerophyta viscosa</i> ) resurrection plants. <i>Plant, Cell and Environment</i> , 2014, 37, 2521-2531.	2.8	51
81	Structure elucidation of chlorophyll catabolites (phyllobilins) by ESI-mass spectrometryâ€Pseudo-molecular ions and fragmentation analysis of a nonfluorescent chlorophyll catabolite (NCC). <i>International Journal of Mass Spectrometry</i> , 2014, 365-366, 48-55.	0.7	33
82	Symmetrical tetra-Î²-sulfoleno-meso-aryl-porphyrins â€ synthesis, spectroscopy and structural characterization. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014, 18, 115-122.	0.4	14
83	Chlorophyll Breakdown in Senescent Banana Leaves: Catabolism Reprogrammed for Biosynthesis of Persistent Blue Fluorescent Tetrapyrroles. <i>Chemistry - A European Journal</i> , 2013, 19, 12294-12305.	1.7	32
84	Phenylethynylcobalamin: A Lightâ€Stable and Thermolysisâ€Resistant Organometallic Vitamin B <sub>12</sub> Derivative Prepared by Radical Synthesis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11406-11409.	7.2	37
85	Coâ€C Bond Energies in Adenosylcobinamide and Methylcobinamide in the Gas Phase and in Silico. <i>Journal of the American Chemical Society</i> , 2013, 135, 13648-13651.	6.6	50
86	Access to Organometallic Arylcobaltcorrins through Radical Synthesis: 4â€Ethylphenylcobalamin, a Potential â€Antivitaminâ€... B <sub>12</sub> â€. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2606-2610.	7.2	59
87	Chlorophyll Breakdown: Chemistry, Biochemistry, and Biology. <i>Handbook of Porphyrin Science</i> , 2013, , 117-185.	0.3	10
88	Cytochrome P450 CYP89A9 Is Involved in the Formation of Major Chlorophyll Catabolites during Leaf Senescence in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 1868-1880.	3.1	123
89	4-Ethylphenyl-Cobalamin Impairs Tissue Uptake of Vitamin B12 and Causes Vitamin B12 Deficiency in Mice. <i>PLoS ONE</i> , 2013, 8, e75312.	1.1	43
90	Corroles programmed for regioselective cycloaddition chemistry â€ synthesis of a bisadduct with C60-fullerene. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 556-563.	0.4	12

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91	Biochemistry of B12-Cofactors in Human Metabolism. <i>Sub-Cellular Biochemistry</i> , 2012, 56, 323-346.	1.0	66
92	MES16, a Member of the Methyltransferase Protein Family, Specifically Demethylates Fluorescent Chlorophyll Catabolites during Chlorophyll Breakdown in Arabidopsis. <i>Plant Physiology</i> , 2012, 158, 628-641.	2.3	83
93	Engineering molecular chains in carbon nanotubes. <i>Nanoscale</i> , 2012, 4, 7540.	2.8	6
94	Chlorophyll Catabolites in Senescent Leaves of the Lime Tree ( <i>Tilia cordata</i> ). <i>Chemistry and Biodiversity</i> , 2012, 9, 2605-2617.	1.0	39
95	Porphyrim-LEGO®: synthesis of a hexafullerene-diporphyrin using porphyrins programmed for [4+2]-cycloaddition. <i>Chemical Communications</i> , 2012, 48, 4359.	2.2	17
96	Reconstitution of the B <sub>12</sub> Macrocycle by Radical Ring Closure of a Blue Secocorrin. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6780-6784.	7.2	6
97	Inside Back Cover: Reconstitution of the B <sub>12</sub> Macrocycle by Radical Ring Closure of a Blue Secocorrin ( <i>Angew. Chem. Int. Ed.</i> 27/2012). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6793-6793.	7.2	1
98	7-Deoxymethylcobyrinates: Vitamin B <sub>12</sub> Derivatives that Lack the Side Chain. <i>Chemistry - A European Journal</i> , 2012, 18, 9032-9045.	1.7	5
99	Structures of Chlorophyll Catabolites in Bananas ( <i>Musa acuminata</i> ) Reveal a Split Path of Chlorophyll Breakdown in a Ripening Fruit. <i>Chemistry - A European Journal</i> , 2012, 18, 10873-10885.	1.7	49
100	A Functionalized Spiro[chlorinporphyrin] Type Dimer Dizinc Complex from Rapid [4+2] Self-cycloaddition of a Conjugated Bis(methylene)porphyrinatozinc. <i>Helvetica Chimica Acta</i> , 2012, 95, 211-220.	1.0	7
101	Direct Plant Tissue Analysis and Imprint Imaging by Desorption Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 5754-5761.	3.2	126
102	A Blue Corrinoid from Partial Degradation of Vitamin B <sub>12</sub> in Aqueous Bicarbonate: Spectra, Structure, and Interaction with Proteins of B <sub>12</sub> Transport. <i>Biochemistry</i> , 2011, 50, 8090-8101.	1.2	19
103	Vitamin B <sub>12</sub> -derivatives as enzyme cofactors and ligands of proteins and nucleic acids. <i>Chemical Society Reviews</i> , 2011, 40, 4346.	18.7	226
104	Chlorophyll breakdown in higher plants. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 977-988.	0.5	597
105	Titelbild: Ein Dioxobilan als Produkt eines divergenten Chlorophyllabbaus in Spitzahorn (Angew.) Tj ETQq1 1 0.784314 rgBT / Qverlock	1.6	10
106	A New Factor in Life's Quest for Energy. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2439-2441.	7.2	22
107	More Radical Magic with B <sub>12</sub> : B <sub>12</sub> -Catalyzed, Light-Induced Cleavage of DNA. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9791-9792.	7.2	12
108	A Dioxobilane as Product of a Divergent Path of Chlorophyll Breakdown in Norway Maple. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10724-10727.	7.2	45

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109	Cover Picture: A Dioxobilane as Product of a Divergent Path of Chlorophyll Breakdown in Norway Maple ( <i>Angew. Chem. Int. Ed.</i> 45/2011). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10463-10463.	7.2	1
110	How the Colourless "Nonfluorescent"™ Chlorophyll Catabolites Rust. <i>Chemistry - A European Journal</i> , 2011, 17, 2330-2334.	1.7	47
111	Chlorophyll Breakdown as Seen in Bananas: Sign of Aging and Ripening " A Mini-Review. <i>Gerontology</i> , 2011, 57, 521-527.	1.4	16
112	A novel blue fluorescent chlorophyll catabolite accumulates in senescent leaves of the peace lily and indicates a split path of chlorophyll breakdown. <i>FEBS Letters</i> , 2010, 584, 4215-4221.	1.3	38
113	3,5-Dihydro-2 <i>H</i> -thieno[2,3- <i>c</i> ]pyrrole 1,1-dioxide " A New Simple Pyrrole Unit. Preliminary Communication. <i>Helvetica Chimica Acta</i> , 2010, 93, 1192-1198.	1.0	7
114	Isovitamin B <sub>12</sub> : A Vitamin B <sub>12</sub> Derivative That Flips Its Tail. <i>Chemistry - A European Journal</i> , 2010, 16, 10984-10988.	1.7	7
115	Hypermodified Fluorescent Chlorophyll Catabolites: Source of Blue Luminescence in Senescent Leaves. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5174-5177.	7.2	46
116	Inside Cover: Hypermodified Fluorescent Chlorophyll Catabolites: Source of Blue Luminescence in Senescent Leaves ( <i>Angew. Chem. Int. Ed.</i> 30/2010). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5014-5014.	7.2	1
117	Fluorescent chlorophyll catabolites in bananas light up blue halos of cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15538-15543.	3.3	79
118	Chlorophyll Catabolites " Chemical and Structural Footprints of a Fascinating Biological Phenomenon. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 21-31.	1.2	59
119	Porphyrene durch Konjugation mit Chinonen "schwarzfÄrben". <i>Angewandte Chemie</i> , 2009, 121, 2477-2477.	1.6	0
120	"Blackening"Porphyrins by Conjugation with Quinones. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 599-603.	7.2	46
121	"Blackening"Porphyrins by Conjugation with Quinones. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2442-2442.	7.2	1
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