

# Michael Decker

## List of Publications by Year in descending order

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116  
papers

3,223  
citations

136950

32  
h-index

182427

51  
g-index

126  
all docs

126  
docs citations

126  
times ranked

3581  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and synthesis of tacrine-ferulic acid hybrids as multi-potent anti-Alzheimer drug candidates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 2905-2909.	2.2	182
2	Novel inhibitors of acetyl- and butyrylcholinesterase derived from the alkaloids dehydroevodiamine and rutaecarpine. <i>European Journal of Medicinal Chemistry</i> , 2005, 40, 305-313.	5.5	159
3	Synthesis and Biological Evaluation of NO-Donor-Tacrine Hybrids as Hepatoprotective Anti-Alzheimer Drug Candidates. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 713-716.	6.4	118
4	Homobivalent Quinazolinimines as Novel Nanomolar Inhibitors of Cholinesterases with Dirigible Selectivity toward Butyrylcholinesterase. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 5411-5413.	6.4	96
5	Acetylcholinesterase Inhibitors with Photoswitchable Inhibition of $\beta$ -Amyloid Aggregation. <i>ACS Chemical Neuroscience</i> , 2014, 5, 377-389.	3.5	96
6	Design, synthesis and pharmacological evaluation of hybrid molecules out of quinazolinimines and lipoic acid lead to highly potent and selective butyrylcholinesterase inhibitors with antioxidant properties. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 4252-4261.	3.0	91
7	Novel tricyclic quinazolinimines and related tetracyclic nitrogen bridgehead compounds as cholinesterase inhibitors with selectivity towards butyrylcholinesterase. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 1966-1977.	3.0	85
8	Neuroprotective Tri- and Tetracyclic BChE Inhibitors Releasing Reversible Inhibitors upon Carbamate Transfer. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 914-919.	2.8	79
9	Dopamine/Serotonin Receptor Ligands. 10:1 SAR Studies on Azecine-type Dopamine Receptor Ligands by Functional Screening at Human Cloned D1, D2L, and D5 Receptors with a Microplate Reader Based Calcium Assay Lead to a Novel Potent D1/D5 Selective Antagonist. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 760-769.	6.4	78
10	Discovery of Highly Selective and Nanomolar Carbamate-Based Butyrylcholinesterase Inhibitors by Rational Investigation into Their Inhibition Mode. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2067-2082.	6.4	76
11	Tacrine-Silibinin Codrug Shows Neuro- and Hepatoprotective Effects <i>in Vitro</i> and Pro-Cognitive and Hepatoprotective Effects <i>in Vivo</i> . <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5231-5242.	6.4	72
12	6-Hydroxy- and 6-methoxy- $\beta$ -carboline as acetyl- and butyrylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5840-5843.	2.2	69
13	Synthesis, Biological Evaluation, and Computational Studies of Tri- and Tetracyclic Nitrogen-Bridgehead Compounds as Potent Dual-Acting AChE Inhibitors and $H_{3}$ Receptor Antagonists. <i>ACS Chemical Neuroscience</i> , 2014, 5, 225-242.	3.5	67
14	Identification of a neuroprotective and selective butyrylcholinesterase inhibitor derived from the natural alkaloid evodiamine. <i>European Journal of Medicinal Chemistry</i> , 2014, 81, 15-21.	5.5	63
15	Novel Tacrine-Grafted Ugi Adducts as Multipotent Anti-Alzheimer Drugs: A Synthetic Renewal in Tacrine-Ferulic Acid Hybrids. <i>ChemMedChem</i> , 2015, 10, 523-539.	3.2	62
16	A Photoswitchable Dualsteric Ligand Controlling Receptor Efficacy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7282-7287.	13.8	61
17	Highly Selective Butyrylcholinesterase Inhibitors with Tunable Duration of Action by Chemical Modification of Transferable Carbamate Units Exhibit Pronounced Neuroprotective Effect in an Alzheimer's Disease Mouse Model. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9116-9140.	6.4	59
18	Probing the mid-gorge of cholinesterases with spacer-modified bivalent quinazolinimines leads to highly potent and selective butyrylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1222-1235.	3.0	52

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19	Optical Control of Cardiac Function with a Photoswitchable Muscarinic Agonist. <i>Journal of the American Chemical Society</i> , 2019, 141, 7628-7636.	13.7	52
20	Structure-Activity Relationships and Computational Investigations into the Development of Potent and Balanced Dual-Acting Butyrylcholinesterase Inhibitors and Human Cannabinoid Receptor 2 Ligands with Pro-Cognitive in Vivo Profiles. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1646-1663.	6.4	50
21	NO-Donating Tacrine Hybrid Compounds Improve Scopolamine-Induced Cognition Impairment and Show Less Hepatotoxicity. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 7666-7669.	6.4	49
22	7-O-Esters of taxifolin with pronounced and overadditive effects in neuroprotection, anti-neuroinflammation, and amelioration of short-term memory impairment in vivo. <i>Redox Biology</i> , 2020, 29, 101378.	9.0	49
23	Amine substitution of quinazolinones leads to selective nanomolar AChE inhibitors with an inverted binding mode. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 4867-4881.	3.0	48
24	Hybrid Molecules from Xanomeline and Tacrine: Enhanced Tacrine Actions on Cholinesterases and Muscarinic M <sub>1</sub> Receptors. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 2094-2103.	6.4	45
25	Recent Advances in the Development of Hybrid Molecules/Designed Multiple Compounds with Antiamnesic Properties. <i>Mini-Reviews in Medicinal Chemistry</i> , 2007, 7, 221-229.	2.4	44
26	Mycobacterium tuberculosis and cholinesterase inhibitors from <i>Voacanga globosa</i> . <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3118-3123.	5.5	43
27	A simple heterocyclic fusion reaction and its application for expeditious syntheses of rutaecarpine and its analogs. <i>Tetrahedron Letters</i> , 2014, 55, 3607-3609.	1.4	40
28	Flavonoids, Flavonoid Metabolites, and Phenolic Acids Inhibit Oxidative Stress in the Neuronal Cell Line HT-22 Monitored by ECIS and MTT Assay: A Comparative Study. <i>Journal of Natural Products</i> , 2014, 77, 446-454.	3.0	38
29	Dopamine/Serotonin Receptor Ligands. 12: SAR Studies on Hexahydro-dibenz[d,g]azecines Lead to 4-Chloro-7-methyl-5,6,7,8,9,14-hexahydrodibenz[d,g]azecin-3-ol, the First Picomolar D5-Selective Dopamine-Receptor Antagonist. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2110-2116.	6.4	37
30	The dual-acting H3 receptor antagonist and AChE inhibitor UW-MD-71 dose-dependently enhances memory retrieval and reverses dizocilpine-induced memory impairment in rats. <i>Behavioural Brain Research</i> , 2016, 297, 155-164.	2.2	36
31	Rational Design of Partial Agonists for the Muscarinic M <sub>1</sub> Acetylcholine Receptor. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 560-576.	6.4	35
32	Dual-Acting Cholinesterase-Human Cannabinoid Receptor 2 Ligands Show Pronounced Neuroprotection in Vitro and Overadditive and Disease-Modifying Neuroprotective Effects in Vivo. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9078-9102.	6.4	35
33	Melatonin- and Ferulic Acid-Based HDAC6 Selective Inhibitors Exhibit Pronounced Immunomodulatory Effects <i>In Vitro</i> and Neuroprotective Effects in a Pharmacological Alzheimer's Disease Mouse Model. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3794-3812.	6.4	34
34	The dual-acting AChE inhibitor and H3 receptor antagonist UW-MD-72 reverses amnesia induced by scopolamine or dizocilpine in passive avoidance paradigm in rats. <i>Physiology and Behavior</i> , 2016, 165, 383-391.	2.1	33
35	N-1,2,3-triazole-isatin derivatives for cholinesterase and $\beta$ -amyloid aggregation inhibition: A comprehensive bioassay study. <i>Bioorganic Chemistry</i> , 2020, 98, 103753.	4.1	32
36	Fluorination of Photoswitchable Muscarinic Agonists Tunes Receptor Pharmacology and Photochromic Properties. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3009-3020.	6.4	31

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37	Synthesis and Opioid Receptor Binding Affinities of 2-Substituted and 3-Aminomorphinans: Ligands for $\mu$ , $\kappa$ , and $\delta$ Opioid Receptors. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 402-418.	6.4	30
38	Aminobenzimidazoles and Structural Isomers as Templates for Dual-Acting Butyrylcholinesterase Inhibitors and $\text{CB}_2$ Receptor Ligands To Combat Neurodegenerative Disorders. <i>ChemMedChem</i> , 2016, 11, 1270-1283.	3.2	28
39	Radionuclide Imaging of Neurohormonal System of the Heart. <i>Theranostics</i> , 2015, 5, 545-558.	10.0	26
40	New Approaches in the Design and Development of Cannabinoid Receptor Ligands: Multifunctional and Bivalent Compounds. <i>ChemMedChem</i> , 2015, 10, 773-786.	3.2	26
41	Multi-target-directed-ligands acting as enzyme inhibitors and receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2019, 180, 690-706.	5.5	26
42	Selective Pseudo-irreversible Butyrylcholinesterase Inhibitors Transferring Antioxidant Moieties to the Enzyme Show Pronounced Neuroprotective Efficacy In Vitro and In Vivo in an Alzheimer's Disease Mouse Model. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 9302-9320.	6.4	26
43	Dopamine/Serotonin Receptor Ligands. Part IV [1]: Synthesis and Pharmacology of Novel 3-Benzazecines and 3-Benzazonines as Potential 5-HT <sub>2A</sub> and Dopamine Receptor Ligands. <i>Archiv Der Pharmazie</i> , 2002, 335, 443-448.	4.1	25
44	Synthesis and Biological Assessment of Racemic Benzochromenopyrimidinimines as Antioxidant, Cholinesterase, and $\text{A}\beta$ Aggregation Inhibitors for Alzheimer's Disease Therapy. <i>ChemMedChem</i> , 2016, 11, 1318-1327.	3.2	24
45	Agonistic and Antagonistic Bivalent Ligands for Serotonin and Dopamine Receptors Including their Transporters. <i>Current Topics in Medicinal Chemistry</i> , 2007, 7, 347-353.	2.1	23
46	Selective and Wash-Resistant Fluorescent Dihydrocodeinone Derivatives Allow Single-Molecule Imaging of $\mu$ Opioid Receptor Dimerization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5958-5964.	13.8	23
47	Sterubin: Enantioresolution and Configurational Stability, Enantiomeric Purity in Nature, and Neuroprotective Activity in Vitro and in Vivo. <i>Chemistry - A European Journal</i> , 2020, 26, 7299-7308.	3.3	23
48	Univalent and Bivalent Ligands of Butorphan: Characteristics of the Linking Chain Determine the Affinity and Potency of Such Opioid Ligands. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 7389-7396.	6.4	22
49	M1 muscarinic acetylcholine receptor allosteric modulators as potential therapeutic opportunities for treating Alzheimer's disease. <i>MedChemComm</i> , 2012, 3, 752.	3.4	22
50	Photoswitchable Pseudoirreversible Butyrylcholinesterase Inhibitors Allow Optical Control of Inhibition <i>in Vitro</i> and Enable Restoration of Cognition in an Alzheimer's Disease Mouse Model upon Irradiation. <i>Journal of the American Chemical Society</i> , 2022, 144, 3279-3284.	13.7	22
51	Dopamine/serotonin receptor ligands. Part VIII[1]:the dopamine receptor antagonist LE300 - modelled and X-ray structure plus further pharmacological characterization, including serotonin receptor binding, biogenic amine transporter testing and in vivo testings. <i>European Journal of Medicinal Chemistry</i> , 2004, 39, 481-489.	5.5	20
52	Experimental and theoretical investigations into the stability of cyclic aminals. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2280-2292.	2.2	20
53	The First Photochromic Affinity Switch for the Human Cannabinoid Receptor 2. <i>Advanced Therapeutics</i> , 2018, 1, 1700032.	3.2	20
54	Dopamine Receptor Ligands. Part VII [1]: Novel 3-Substituted 5-Phenyl-1, 2, 3, 4, 5, 6-hexahydro-azepino-[4, 5-b]indoles as Ligands for the Dopamine Receptors. <i>Archiv Der Pharmazie</i> , 2003, 336, 466-476.	4.1	19

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55	Synthesis and biological evaluation of bivalent cannabinoid receptor ligands based on hCB2R selective benzimidazoles reveal unexpected intrinsic properties. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3938-3946.	3.0	19
56	Regioselective synthesis of 7-O-esters of the flavonolignan silibinin and SARs lead to compounds with overadditive neuroprotective effects. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 93-107.	5.5	19
57	Dopamine/Serotonin Receptor Ligands, Part III [1]: Synthesis and Biological Activities of 7,7-alkylene-bis-6,7,8,9,14,15-hexahydro-5H-benz[ <i>d</i> ]indolo[2,3- <i>g</i> ]azecines Application of the Bivalent Ligand Approach to a Novel Type of Dopamine Receptor Antagonist. <i>Archiv Der Pharmazie</i> , 2002, 335, 367-373.	4.1	18
58	Cytotoxic properties of the alkaloid rutaecarpine and its oligocyclic derivatives and chemical modifications to enhance water-solubility. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4937-4941.	2.2	17
59	Photo-Rimonabant: Synthesis and Biological Evaluation of Novel Photoswitchable Molecules Derived from Rimonabant Lead to a Highly Selective and Nanomolar Cis-On-CB <sub>1</sub> R Antagonist. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1632-1647.	3.5	17
60	Investigations into the mechanism of lactamization of lactones yielding in a novel route to biologically active tryptamine derivatives. <i>Tetrahedron</i> , 2004, 60, 4567-4578.	1.9	16
61	Tacrine-NO donor and tacrine-ferulic acid hybrid molecules as new anti-Alzheimer agents: hepatotoxicity and influence on the cytochrome P450 system in comparison to tacrine. <i>Arzneimittelforschung</i> , 2010, 60, 229-237.	0.4	16
62	Design, synthesis and in vitro evaluation of novel uni- and bivalent ligands for the cannabinoid receptor type 1 with variation of spacer length and structure. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4209-4214.	2.2	16
63	Synthesis and vasorelaxant properties of hybrid molecules out of NO-donors and the $\beta_2$ -receptor blocking drug propranolol. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 4995-4997.	2.2	15
64	A Novel Way To Radiolabel Human Butyrylcholinesterase for Positron Emission Tomography through Irreversible Transfer of the Radiolabeled Moiety. <i>ChemMedChem</i> , 2016, 11, 1540-1550.	3.2	15
65	Functionalized Cannabinoid Subtype 2 Receptor Ligands: Fluorescent, PET, Photochromic and Covalent Molecular Probes. <i>ChemMedChem</i> , 2020, 15, 1374-1389.	3.2	15
66	Cyclic acyl guanidines bearing carbamate moieties allow potent and dirigible cholinesterase inhibition of either acetyl- or butyrylcholinesterase. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5020-5034.	3.0	14
67	Ein photoschaltbarer Ligand zur Regulierung der Rezeptoraktivierung. <i>Angewandte Chemie</i> , 2017, 129, 7388-7393.	2.0	14
68	Development and Biological Applications of Fluorescent Opioid Ligands. <i>ChemPlusChem</i> , 2020, 85, 1354-1364.	2.8	13
69	In-vitro stability and metabolism of a tacrine-silibinin codrug. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 1765-1772.	2.4	12
70	Investigation of Inactive-State $\mu$ Opioid Receptor Homodimerization via Single-Molecule Microscopy Using New Antagonistic Fluorescent Probes. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3596-3609.	6.4	12
71	Investigation into selective debenylation and ring cleavage of quinazoline based heterocycles. <i>Tetrahedron Letters</i> , 2014, 55, 2973-2976.	1.4	11
72	Perception of the Relevance of Organic Chemistry in a German Pharmacy Students' Course. <i>American Journal of Pharmaceutical Education</i> , 2016, 80, 40.	2.1	11

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73	Novel <sup>18</sup> F-Labeled PET Imaging Agent FV45 Targeting the Renin-Angiotensin System. ACS Omega, 2018, 3, 10460-10470.	3.5	11
74	Initial Evaluation of AF78: a Rationally Designed Fluorine-18-Labelled PET Radiotracer Targeting Norepinephrine Transporter. Molecular Imaging and Biology, 2020, 22, 602-611.	2.6	11
75	Development and Application of a Chemical Probe Based on a Neuroprotective Flavonoid Hybrid for Target Identification Using Activity-Based Protein Profiling. ACS Chemical Neuroscience, 2020, 11, 3823-3837.	3.5	11
76	Photopharmacology on Acetylcholinesterase: Novel Photoswitchable Inhibitors with Improved Pharmacological Profiles. ChemPhotoChem, 2021, 5, 149-159.	3.0	11
77	6-Aryl-4-Oxohexanoic Acids: Synthesis, Effects on Eicosanoid Biosynthesis, and Anti-Inflammatory In Vivo-Activities. Medicinal Chemistry, 2007, 3, 433-438.	1.5	11
78	Unconventional application of the Mitsunobu reaction: Selective flavonolignan dehydration yielding hydnocarpins. Beilstein Journal of Organic Chemistry, 2016, 12, 662-669.	2.2	10
79	Novel bipharmacophoric inhibitors of the cholinesterases with affinity to the muscarinic receptors M <sub>1</sub> and M <sub>2</sub> . MedChemComm, 2017, 8, 1346-1359.	3.4	10
80	Enlightening the "Spirit Molecule": Photomodulation of the 5-HT <sub>2A</sub> Receptor by a Light-Controllable Dimethyltryptamine Derivative. Angewandte Chemie - International Edition, 2022, 61, .	13.8	10
81	Investigation into the in vivo effects of five novel tacrine/ferulic acid and $\beta$ -carboline derivatives on scopolamine-induced cognitive impairment in rats using radial maze paradigm. Arzneimittelforschung, 2010, 60, 299-306.	0.4	9
82	Investigation into the stability and reactivity of the pentacyclic alkaloid dehydroevodiamine and the benz-analog thereof. Tetrahedron, 2016, 72, 2535-2543.	1.9	9
83	Natural antioxidants in hybrids for the treatment of neurodegenerative diseases: a successful strategy?. Future Medicinal Chemistry, 2017, 9, 711-713.	2.3	9
84	<sup>18</sup> F-Labeled Derivatives of Irbesartan for Angiotensin II Receptor PET Imaging. ChemMedChem, 2018, 13, 2546-2557.	3.2	9
85	Bivalent 5,8,9,13b-tetrahydro-6H-isoquino[1,2-a]isoquinolines and -isoquinolinium salts: Novel heterocyclic templates for butyrylcholinesterase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2946-2949.	2.2	8
86	Investigations into neuroprotectivity, stability, and water solubility of 7-oxo-cinnamoylsilibinin, its hemisuccinate and dehydro derivatives. Archiv Der Pharmazie, 2018, 351, e1800206.	4.1	8
87	Photopharmacology in Alzheimer's Disease. Advanced Therapeutics, 2018, 1, 1800037.	3.2	8
88	Rational Modification of the Biological Profile of GPCR Ligands through Combination with Other Biologically Active Moieties. Archiv Der Pharmazie, 2015, 348, 531-540.	4.1	7
89	From virtual screening hits targeting a cryptic pocket in BACE-1 to a nontoxic brain permeable multitarget anti-Alzheimer lead with disease-modifying and cognition-enhancing effects. European Journal of Medicinal Chemistry, 2021, 225, 113779.	5.5	7
90	Cardioprotective effect of NO-metoprolol in murine coxsackievirus B3-induced myocarditis. Journal of Medical Virology, 2010, 82, 2043-2052.	5.0	6

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91	Evaluation of HepaRG cells for the assessment of indirect drug-induced hepatotoxicity using INH as a model substance. <i>Human Cell</i> , 2017, 30, 267-278.	2.7	6
92	Dual-Acting Compounds Acting as Receptor Ligands and Enzyme Inhibitors. , 2017, , 137-165.		6
93	Novel BQCA- and TBPB-Derived M1 Receptor Hybrid Ligands: Orthosteric Carbachol Differentially Regulates Partial Agonism. <i>ChemMedChem</i> , 2019, 14, 1349-1358.	3.2	6
94	Synthesis and Initial Characterization of a Selective, Pseudo-Irreversible Inhibitor of Human Butyrylcholinesterase as PET Tracer. <i>ChemMedChem</i> , 2021, 16, 1427-1437.	3.2	6
95	Photoresponsive Hybrid Compounds. , 2017, , 279-315.		5
96	Selective and Wash-Resistant Fluorescent Dihydrocodeinone Derivatives Allow Single-Molecule Imaging of $\mu$ -Opioid Receptor Dimerization. <i>Angewandte Chemie</i> , 2020, 132, 6014-6020.	2.0	5
97	The Structure of Cyclodecatriene Collinolactone, its Biosynthesis, and Semisynthetic Analogues: Effects of Monoalstral Phenotype and Protection from Intracellular Oxidative Stress. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23212-23216.	13.8	5
98	Synthesis and Initial Characterization of a Reversible, Selective 18F-Labeled Radiotracer for Human Butyrylcholinesterase. <i>Molecular Imaging and Biology</i> , 2021, 23, 505-515.	2.6	4
99	Azobioisosteres of Curcumin with Pronounced Activity against Amyloid Aggregation, Intracellular Oxidative Stress, and Neuroinflammation. <i>Chemistry - A European Journal</i> , 2021, 27, 6015-6027.	3.3	4
100	Opioid Ligands Addressing Unconventional Binding Sites and More Than One Opioid Receptor Subtype. <i>ChemMedChem</i> , 2022, 17, .	3.2	4
101	Synthesis and Biological Evaluation of Flavonoid-Cinnamic Acid Amide Hybrids with Distinct Activity against Neurodegeneration in Vitro and in Vivo. <i>Chemistry - A European Journal</i> , 0, .	3.3	4
102	Novel benzimidazole-based pseudo-irreversible butyrylcholinesterase inhibitors with neuroprotective activity in an Alzheimer's disease mouse model. <i>RSC Medicinal Chemistry</i> , 2022, 13, 944-954.	3.9	2
103	Synthesis and Vasorelaxant Properties of Hybrid Molecules Out of NO-Donors and the $\alpha$ -Receptor Blocking Drug Propranolol.. <i>ChemInform</i> , 2005, 36, no.	0.0	1
104	Acetylcholinesterase inhibitors based on carbamic acid quinolin-6-yl esters. <i>Expert Opinion on Therapeutic Patents</i> , 2007, 17, 733-736.	5.0	1
105	(R)-Tonkafuranone and related compounds: Improved synthesis, stereochemical purity in nature, and bioactivities of the pure enantiomers. <i>Flavour and Fragrance Journal</i> , 2019, 34, 329-338.	2.6	1
106	Innenr-4cktitelbild: Selective and Wash-Resistant Fluorescent Dihydrocodeinone Derivatives Allow Single-Molecule Imaging of $\mu$ -Opioid Receptor Dimerization (Angew. Chem. 15/2020). <i>Angewandte Chemie</i> , 2020, 132, 6348-6348.	2.0	1
107	Die Erhellung des "Bewusstseinsmolekls" Photomodulation des 5-HT <sub>2A</sub> Rezeptors durch ein lichtsteuerbares N,N-Dimethyltryptamin-Derivat. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	1
108	Dopamine/Serotonin Receptor Ligands. Part 3. Synthesis and Biological Activities of 7,7- <sup>2</sup> -Alkylene-bis-6,7,8,9,14,15-hexahydro-5H-benz[d]indolo [2,3-g]azecines " Application of the Bivalent Ligand Approach to a Novel Type of Dopamine Receptor Antagonist.. <i>ChemInform</i> , 2003, 34, no.	0.0	0

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109	Dopamine/Serotonin Receptor Ligands. Part 4. Synthesis and Pharmacology of Novel 3-Benzazecines and 3-Benzazonines as Potential 5-HT <sub>2A</sub> and Dopamine Receptor Ligands.. ChemInform, 2003, 34, no.	0.0	0
110	Synthesis and Reactivity of Dibenz[d,g]azecin-14(5H)-ones. Heterocycles, 2006, 68, 879.	0.7	0
111	A New Way of Data Interpretation for Cognition Tests in Rats Used to Characterise Six Choline Esterase Inhibitors with Heterocyclic Nitrogen Bridgehead Structure. Arzneimittelforschung, 2008, 58, 543-550.	0.4	0
112	Alzheimer mit Hybridmolekülen in die Zange nehmen. Nachrichten Aus Der Chemie, 2013, 61, 871-875.	0.0	0
113	Bitopic muscarinic agonists and antagonists and uses thereof: a patent evaluation of US20160136145A1. Expert Opinion on Therapeutic Patents, 2017, 27, 121-125.	5.0	0
114	Die Struktur des Cyclodecatriens Collinolacton, seine Biosynthese und semisynthetische Derivate: monopolare Spindeln und Schutz vor intrazellulärem oxidativem Stress. Angewandte Chemie, 2021, 133, 23399.	2.0	0
115	Frontispiz: Die Erhellung des "Bewusstseinsmoleküls": Photomodulation des 5-HT <sub>2A</sub> Rezeptors durch ein lichtsteuerbares N,N-Dimethyltryptamin-Derivat. Angewandte Chemie, 2022, 134, .	2.0	0
116	Frontispiece: Enlightening the "Spirit Molecule": Photomodulation of the 5-HT <sub>2A</sub> Receptor by a Light-Controllable N,N-Dimethyltryptamine Derivative. Angewandte Chemie - International Edition, 2022, 61, .	13.8	0