

Kim D Janda

List of Publications by Citations

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207
papers

5,609
citations

41
h-index

64
g-index

218
ext. papers

6,339
ext. citations

7.4
avg, IF

5.76
L-index

#	Paper	IF	Citations
207	Revisiting quorum sensing: Discovery of additional chemical and biological functions for 3-oxo-N-acylhomoserine lactones. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 309-14	11.5	276
206	Chemical selection for catalysis in combinatorial antibody libraries. <i>Science</i> , 1997 , 275, 945-8	33.3	197
205	Suppression of psychoactive effects of cocaine by active immunization. <i>Nature</i> , 1995 , 378, 727-30	50.4	191
204	Modulation of gene expression via disruption of NF-kappaB signaling by a bacterial small molecule. <i>Science</i> , 2008 , 321, 259-63	33.3	166
203	N-(3-oxo-acyl)homoserine lactones signal cell activation through a mechanism distinct from the canonical pathogen-associated molecular pattern recognition receptor pathways. <i>Journal of Biological Chemistry</i> , 2006 , 281, 28822-30	5.4	107
202	An in vitro and in vivo disconnect uncovered through high-throughput identification of botulinum neurotoxin A antagonists. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 2602-7	11.5	106
201	Structures of Clostridium botulinum Neurotoxin Serotype A Light Chain complexed with small-molecule inhibitors highlight active-site flexibility. <i>Chemistry and Biology</i> , 2007 , 14, 533-42		104
200	Identification of a potent botulinum neurotoxin a protease inhibitor using in situ lead identification chemistry. <i>Organic Letters</i> , 2006 , 8, 1729-32	6.2	97
199	Evaluation of immunoglobulins from plant cells. <i>Biotechnology Progress</i> , 1991 , 7, 455-61	2.8	91
198	A vaccine strategy that induces protective immunity against heroin. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 5195-204	8.3	90
197	Inhibitor of MYC identified in a Kröhnke pyridine library. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 12556-61	11.5	86
196	Combatting Synthetic Designer Opioids: A Conjugate Vaccine Ablates Lethal Doses of Fentanyl Class Drugs. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3772-5	16.4	81
195	Dynamic vaccine blocks relapse to compulsive intake of heroin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 9036-41	11.5	80
194	Bimodal modulation of the botulinum neurotoxin protein-conducting channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 1330-5	11.5	73
193	A credit-card library approach for disrupting protein-protein interactions. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 2660-73	3.4	73
192	Development of a Clinically Viable Heroin Vaccine. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8601-8611	16.4	64
191	Immunopharmacotherapy: vaccination strategies as a treatment for drug abuse and dependence. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 92, 199-205	3.9	64

190	Synthesis, characterization and development of a high-throughput methodology for the discovery of botulinum neurotoxin a inhibitors. <i>ACS Combinatorial Science</i> , 2006 , 8, 513-21		64
189	Liposomes containing monophosphoryl lipid A: a potent adjuvant system for inducing antibodies to heroin hapten analogs. <i>Vaccine</i> , 2013 , 31, 2804-10	4.1	63
188	Impact of distinct chemical structures for the development of a methamphetamine vaccine. <i>Journal of the American Chemical Society</i> , 2011 , 133, 6587-95	16.4	61
187	Injection route and TLR9 agonist addition significantly impact heroin vaccine efficacy. <i>Molecular Pharmaceutics</i> , 2014 , 11, 1075-80	5.6	60
186	The strange case of the botulinum neurotoxin: using chemistry and biology to modulate the most deadly poison. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8360-79	16.4	60
185	Investigations using immunization to attenuate the psychoactive effects of nicotine. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 563-70	3.4	59
184	Catalytic antibodies: hapten design strategies and screening methods. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 5247-68	3.4	59
183	An immunotherapeutic program for the treatment of nicotine addiction: hapten design and synthesis. <i>Journal of Organic Chemistry</i> , 2001 , 66, 4115-21	4.2	59
182	A methamphetamine vaccine attenuates methamphetamine-induced disruptions in thermoregulation and activity in rats. <i>Biological Psychiatry</i> , 2013 , 73, 721-8	7.9	58
181	Metabolomics-based discovery of diagnostic biomarkers for onchocerciasis. <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e834	4.8	56
180	A critical evaluation of a nicotine vaccine within a self-administration behavioral model. <i>Molecular Pharmaceutics</i> , 2010 , 7, 431-41	5.6	54
179	Light chain of botulinum neurotoxin serotype A: structural resolution of a catalytic intermediate. <i>Biochemistry</i> , 2006 , 45, 8903-11	3.2	54
178	Novel cocaine vaccine linked to a disrupted adenovirus gene transfer vector blocks cocaine psychostimulant and reinforcing effects. <i>Neuropsychopharmacology</i> , 2012 , 37, 1083-91	8.7	53
177	Cationic cyclopropanation by antibody catalysis. <i>Nature</i> , 1996 , 379, 326-7	50.4	53
176	A previously undescribed chemical link between smoking and metabolic disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 15084-8	11.5	52
175	Solid-phase rhodium carbenoid reactions: an N-H insertion route to a diverse series of oxazoles. <i>Organic Letters</i> , 2001 , 3, 2173-6	6.2	52
174	Onchocerca volvulus-neurotransmitter tyramine is a biomarker for river blindness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 4218-23	11.5	51
173	Antibody Catalysis of Glycosidic Bond Hydrolysis. <i>Angewandte Chemie International Edition in English</i> , 1991 , 30, 1711-1713		51

172	Cocaine analog coupled to disrupted adenovirus: a vaccine strategy to evoke high-titer immunity against addictive drugs. <i>Molecular Therapy</i> , 2011 , 19, 612-9	11.7	50
171	Formation of Bridge-Methylated Decalins by Antibody-Catalyzed Tandem Cationic Cyclization. <i>Journal of the American Chemical Society</i> , 1997 , 119, 5993-5998	16.4	48
170	Conjugate Vaccine Immunotherapy for Substance Use Disorder. <i>Pharmacological Reviews</i> , 2017 , 69, 298-315	47	
169	Soluble-polymer supported synthesis of a prostanoid library: identification of antiviral activity. <i>Organic Letters</i> , 1999 , 1, 1859-62	6.2	46
168	Botulinum neurotoxin A protease: discovery of natural product exosite inhibitors. <i>Journal of the American Chemical Society</i> , 2010 , 132, 2868-9	16.4	45
167	Identification of a botulinum neurotoxin A protease inhibitor displaying efficacy in a cellular model. <i>Chemical Communications</i> , 2006 , 3063-5	5.8	43
166	AAV-directed persistent expression of a gene encoding anti-nicotine antibody for smoking cessation. <i>Science Translational Medicine</i> , 2012 , 4, 140ra87	17.5	41
165	Evaluation of adamantane hydroxamates as botulinum neurotoxin inhibitors: synthesis, crystallography, modeling, kinetic and cellular based studies. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 1344-8	3.4	41
164	Synthesis and structure-activity relationships of second-generation hydroxamate botulinum neurotoxin A protease inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 6463-6	2.9	39
163	Adenovirus capsid-based anti-cocaine vaccine prevents cocaine from binding to the nonhuman primate CNS dopamine transporter. <i>Neuropsychopharmacology</i> , 2013 , 38, 2170-8	8.7	38
162	A Substrate-Based Methodology That Allows the Regioselective Control of the Catalytic Aminohydroxylation Reaction. <i>Chemistry - A European Journal</i> , 1999 , 5, 1565-1569	4.8	38
161	Conjugate vaccine produces long-lasting attenuation of fentanyl vs. food choice and blocks expression of opioid withdrawal-induced increases in fentanyl choice in rats. <i>Neuropsychopharmacology</i> , 2019 , 44, 1681-1689	8.7	37
160	Enhancing Efficacy and Stability of an Antiheroine Vaccine: Examination of Antinociception, Opioid Binding Profile, and Lethality. <i>Molecular Pharmaceutics</i> , 2018 , 15, 1062-1072	5.6	37
159	Identification of a Natural Product Antagonist against the Botulinum Neurotoxin Light Chain Protease. <i>ACS Medicinal Chemistry Letters</i> , 2010 , 1, 268-272	4.3	37
158	AAVrh.10-mediated expression of an anti-cocaine antibody mediates persistent passive immunization that suppresses cocaine-induced behavior. <i>Human Gene Therapy</i> , 2012 , 23, 451-9	4.8	37
157	Convergence of Catalytic Antibody and Terpene Cyclase Mechanisms: Polyene Cyclization Directed by Carbocation-Interactions. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1743-1747	16.4	37
156	Investigating the effects of a hydrolytically stable hapten and a Th1 adjuvant on heroin vaccine performance. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 10776-80	8.3	34
155	Reprofiled anthelmintics abate hypervirulent stationary-phase <i>Clostridium difficile</i> . <i>Scientific Reports</i> , 2016 , 6, 33642	4.9	33

154	An Advance in Prescription Opioid Vaccines: Overdose Mortality Reduction and Extraordinary Alteration of Drug Half-Life. <i>ACS Chemical Biology</i> , 2017 , 12, 36-40	4.9	33
153	Substituted 4-hydroxy-1,2,3-triazoles: synthesis, characterization and first drug design applications through bioisosteric modulation and scaffold hopping approaches. <i>MedChemComm</i> , 2015 , 6, 1285-1292	5	33
152	Evaluation of "credit card" libraries for inhibition of HIV-1 gp41 fusogenic core formation. <i>ACS Combinatorial Science</i> , 2006 , 8, 531-9		33
151	Catalytic antibodies: structure and function. <i>Cell Biochemistry and Biophysics</i> , 2001 , 35, 63-87	3.2	33
150	A conjugate vaccine using enantiopure hapten imparts superior nicotine-binding capacity. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 1005-11	8.3	32
149	Efficacious Vaccine against Heroin Contaminated with Fentanyl. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 1269-1275	5.7	32
148	Investigating hapten clustering as a strategy to enhance vaccines against drugs of abuse. <i>Bioconjugate Chemistry</i> , 2014 , 25, 593-600	6.3	32
147	Flagellin as carrier and adjuvant in cocaine vaccine development. <i>Molecular Pharmaceutics</i> , 2015 , 12, 653-62	5.6	31
146	Identification and characterization of single chain anti-cocaine catalytic antibodies. <i>Journal of Molecular Biology</i> , 2007 , 365, 722-31	6.5	31
145	Enhancing nicotine vaccine immunogenicity with liposomes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 975-8	2.9	30
144	Toward the discovery of potent inhibitors of botulinum neurotoxin A: development of a robust LC MS based assay operational from low to subnanomolar enzyme concentrations. <i>Chemical Communications</i> , 2008 , 3525-7	5.8	30
143	Developing a vaccine against multiple psychoactive targets: a case study of heroin. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011 , 10, 865-75	2.6	30
142	Anti-cocaine vaccine based on coupling a cocaine analog to a disrupted adenovirus. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011 , 10, 899-904	2.6	29
141	Newly Designed Quinolinol Inhibitors Mitigate the Effects of Botulinum Neurotoxin A in Enzymatic, Cell-Based, and ex Vivo Assays. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 338-348	8.3	27
140	Chirality holds the key for potent inhibition of the botulinum neurotoxin serotype a protease. <i>Organic Letters</i> , 2010 , 12, 756-9	6.2	27
139	Vaccine blunts fentanyl potency in male rhesus monkeys. <i>Neuropharmacology</i> , 2019 , 158, 107730	5.5	26
138	Modulating cocaine vaccine potency through hapten fluorination. <i>Journal of the American Chemical Society</i> , 2013 , 135, 2971-4	16.4	26
137	An antidote for acute cocaine toxicity. <i>Molecular Pharmaceutics</i> , 2012 , 9, 969-78	5.6	26

136	A Pentacoordinate Oxorhenium(V) Metallochelate Elicits Antibody Catalysts for Phosphodiester Cleavage. <i>Journal of the American Chemical Society</i> , 1997 , 119, 4088-4089	16.4	26
135	Monitoring Chemical Warfare Agents: A New Method for the Detection of Methylphosphonic Acid. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1793-1795	16.4	26
134	Improved Admixture Vaccine of Fentanyl and Heroin Hapten Immunoconjugates: Antinociceptive Evaluation of Fentanyl-Contaminated Heroin. <i>ACS Omega</i> , 2018 , 3, 11537-11543	3.9	26
133	Δ ⁹ -Tetrahydrocannabinol attenuates oxycodone self-administration under extended access conditions. <i>Neuropharmacology</i> , 2019 , 151, 127-135	5.5	25
132	Prophylactic vaccination protects against the development of oxycodone self-administration. <i>Neuropharmacology</i> , 2018 , 138, 292-303	5.5	25
131	Fate of systemically administered cocaine in nonhuman primates treated with the dAd5GNE anticocaine vaccine. <i>Human Gene Therapy Clinical Development</i> , 2014 , 25, 40-9	3.2	25
130	Probing active cocaine vaccination performance through catalytic and noncatalytic hapten design. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 3701-9	8.3	25
129	Disrupted adenovirus-based vaccines against small addictive molecules circumvent anti-adenovirus immunity. <i>Human Gene Therapy</i> , 2013 , 24, 58-66	4.8	24
128	3-Hydroxy-1-alkyl-2-methylpyridine-4(1H)-thiones: Inhibition of the <i>Pseudomonas aeruginosa</i> Virulence Factor LasB. <i>ACS Medicinal Chemistry Letters</i> , 2012 , 3, 668-672	4.3	24
127	Benzylidene cyclopentenediones: First irreversible inhibitors against botulinum neurotoxin A β zinc endopeptidase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 206-8	2.9	24
126	Cocaine Vaccine Development: Evaluation of Carrier and Adjuvant Combinations That Activate Multiple Toll-Like Receptors. <i>Molecular Pharmaceutics</i> , 2016 , 13, 3884-3890	5.6	24
125	Monoclonal Antibodies for Combating Synthetic Opioid Intoxication. <i>Journal of the American Chemical Society</i> , 2019 , 141, 10489-10503	16.4	23
124	A New Strategy for Smoking Cessation: Characterization of a Bacterial Enzyme for the Degradation of Nicotine. <i>Journal of the American Chemical Society</i> , 2015 , 137, 10136-9	16.4	23
123	Probing the effects of hapten stability on cocaine vaccine immunogenicity. <i>Molecular Pharmaceutics</i> , 2013 , 10, 4176-84	5.6	23
122	Dual protonophore-chitinase inhibitors dramatically affect <i>O. volvulus</i> molting. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 5792-9	8.3	22
121	Function-oriented synthesis applied to the anti-botulinum natural product toosendanin. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 1152-7	3.4	22
120	Toosendanin: synthesis of the AB-ring and investigations of its anti-botulinum properties (Part II). <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 1280-7	3.4	22
119	Efficacy of an adenovirus-based anti-cocaine vaccine to reduce cocaine self-administration and reacquisition using a choice procedure in rhesus macaques. <i>Pharmacology Biochemistry and Behavior</i> , 2016 , 150-151, 76-86	3.9	22

118	Active vaccination attenuates the psychostimulant effects of EPVP and MDPV in rats. <i>Neuropharmacology</i> , 2017 , 116, 1-8	5.5	21
117	Influencing Antibody-Mediated Attenuation of Methamphetamine CNS Distribution through Vaccine Linker Design. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 468-472	5.7	21
116	Symptomatic relief of botulinum neurotoxin/a intoxication with aminopyridines: a new twist on an old molecule. <i>ACS Chemical Biology</i> , 2010 , 5, 1183-91	4.9	21
115	Antibody-Catalyzed Phosphate Triester Hydrolysis. <i>Angewandte Chemie International Edition in English</i> , 1995 , 34, 2275-2277		21
114	In vivo quantification and perturbation of Myc-Max interactions and the impact on oncogenic potential. <i>Oncotarget</i> , 2014 , 5, 8869-78	3.3	21
113	Preparation of a Kr̄nke Pyridine Combinatorial Library Suitable for Solution-Phase Biological Screening. <i>ACS Combinatorial Science</i> , 2003 , 5, 625-631		20
112	Investigations of Enantiopure Nicotine Haptens Using an Adjuvanting Carrier in Anti-Nicotine Vaccine Development. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 2523-9	8.3	19
111	Targeting botulinum A cellular toxicity: a prodrug approach. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 7870-9	8.3	19
110	Methamphetamine Vaccines: Improvement through Hapten Design. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 3878-85	8.3	19
109	Evaluation of a Dual Fentanyl/Heroin Vaccine on the Antinociceptive and Reinforcing Effects of a Fentanyl/Heroin Mixture in Male and Female Rats. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 1300-1310	5.7	19
108	A chemically contiguous hapten approach for a heroin-fentanyl vaccine. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 1020-1031	2.5	18
107	Noninvasive Urine Biomarker Lateral Flow Immunoassay for Monitoring Active Onchocerciasis. <i>ACS Infectious Diseases</i> , 2018 , 4, 1423-1431	5.5	17
106	Synthesis/biological evaluation of hydroxamic acids and their prodrugs as inhibitors for Botulinum neurotoxin A light chain. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 1208-17	3.4	17
105	Structural Analysis Provides Mechanistic Insight into Nicotine Oxidoreductase from <i>Pseudomonas putida</i> . <i>Biochemistry</i> , 2016 , 55, 6595-6598	3.2	16
104	An enzymatic approach reverses nicotine dependence, decreases compulsive-like intake, and prevents relapse. <i>Science Advances</i> , 2018 , 4, eaat4751	14.3	16
103	An enzymatic advance in nicotine cessation therapy. <i>Chemical Communications</i> , 2018 , 54, 1686-1689	5.8	15
102	Strategies to Counteract Botulinum Neurotoxin A: Nature's Deadliest Biomolecule. <i>Accounts of Chemical Research</i> , 2019 , 52, 2322-2331	24.3	15
101	Benzoquinones as inhibitors of botulinum neurotoxin serotype A. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 3971-81	3.4	15

100	The C-terminus of Botulinum A Protease Has Profound and Unanticipated Kinetic Consequences Upon the Catalytic Cleft. <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4, 283-287	4.3	15
99	Design and synthesis of a cocaine-diamide hapten for vaccine development. <i>Tetrahedron Letters</i> , 1996 , 37, 5479-5482	2	15
98	Chemical Interventions for the Opioid Crisis: Key Advances and Remaining Challenges. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1798-1806	16.4	15
97	Validation of onchocerciasis biomarker N-acetyltyramine-O-glucuronide (NATOG). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3436-3440	2.9	14
96	Toward the discovery of dual inhibitors for botulinum neurotoxin A: concomitant targeting of endocytosis and light chain protease activity. <i>Chemical Communications</i> , 2015 , 51, 6226-9	5.8	14
95	Formulating a new basis for the treatment against botulinum neurotoxin intoxication: 3,4-Diaminopyridine prodrug design and characterization. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 6203-9	3.4	14
94	Synthesis of Clickable Acylhomoserine lactone quorum sensing probes: unanticipated effects on mammalian cell activation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 2702-5	2.9	14
93	Liquid-phase combinatorial synthesis: in search of small-molecule enzyme mimics. <i>Molecular Diversity</i> , 1996 , 2, 89-96	3.1	14
92	Lateral Flow Assessment and Unanticipated Toxicity of Kratom. <i>Chemical Research in Toxicology</i> , 2019 , 32, 113-121	4	14
91	Heroin vaccine: Using titer, affinity, and antinociception as metrics when examining sex and strain differences. <i>Vaccine</i> , 2019 , 37, 4155-4163	4.1	13
90	Facilitating cytokine-mediated cancer cell death by proteobacterial N-acylhomoserine lactones. <i>ACS Chemical Biology</i> , 2013 , 8, 1117-20	4.9	13
89	Immunopharmacotherapeutic manifolds and modulation of cocaine overdose. <i>Pharmacology Biochemistry and Behavior</i> , 2011 , 98, 474-84	3.9	13
88	Effects of hydroxamate metalloendoprotease inhibitors on botulinum neurotoxin A poisoned mouse neuromuscular junctions. <i>Neuropharmacology</i> , 2010 , 58, 1189-98	5.5	13
87	Cellular Protection of SNAP-25 against Botulinum Neurotoxin/A: Inhibition of Thioredoxin Reductase through a Suicide Substrate Mechanism. <i>Journal of the American Chemical Society</i> , 2016 , 138, 5568-75	16.4	13
86	Immunopharmacotherapies for Treating Opioid Use Disorder. <i>Trends in Pharmacological Sciences</i> , 2018 , 39, 908-911	13.2	13
85	Metal Ions Effectively Ablate the Action of Botulinum Neurotoxin A. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7264-7272	16.4	12
84	Exploiting the Polypharmacology of μ -Carbolines to Disrupt <i>O. volvulus</i> Molting. <i>ACS Medicinal Chemistry Letters</i> , 2015 , 6, 339-43	4.3	12
83	Vaccines to combat the opioid crisis: Vaccines that prevent opioids and other substances of abuse from entering the brain could effectively treat addiction and abuse. <i>EMBO Reports</i> , 2018 , 19, 5-9	6.5	12

82	Crystallography Coupled with Kinetic Analysis Provides Mechanistic Underpinnings of a Nicotine-Degrading Enzyme. <i>Biochemistry</i> , 2018 , 57, 3741-3751	3.2	12
81	Onchocerca volvulus Molting Inhibitors Identified through Scaffold Hopping. <i>ACS Infectious Diseases</i> , 2015 , 1, 198-202	5.5	11
80	Synthesis and evaluation of library of betulin derivatives against the botulinum neurotoxin A protease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 2229-31	2.9	11
79	Immunological consequences of methamphetamine protein glycation. <i>Journal of the American Chemical Society</i> , 2004 , 126, 11446-7	16.4	11
78	Heat shock proteins: A dual carrier-adjuvant for an anti-drug vaccine against heroin. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 125-132	3.4	11
77	Combatting Synthetic Designer Opioids: A Conjugate Vaccine Ablates Lethal Doses of Fentanyl Class Drugs. <i>Angewandte Chemie</i> , 2016 , 128, 3836-3839	3.6	10
76	Konvergenz der Mechanismen eines katalytischen Antikörpers und einer Terpen-Cyclase: eine durch Carbokation-Elektronen-Wechselwirkung gesteuerte Polyencyclisierung. <i>Angewandte Chemie</i> , 1999 , 111, 1859-1864	3.6	10
75	Catch and Anchor Approach To Combat Both Toxicity and Longevity of Botulinum Toxin A. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 11100-11120	8.3	10
74	Litomosoides sigmodontis: a jird urine metabolome study. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 5804-7	2.9	9
73	Ghrelin Receptor Influence on Cocaine Reward is Not Directly Dependent on Peripheral Acyl-Ghrelin. <i>Scientific Reports</i> , 2019 , 9, 1841	4.9	9
72	The design and synthesis of an α -Gal trisaccharide epitope that provides a highly specific anti-Gal immune response. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 2979-2992	3.9	8
71	A Vision for Vaccines: Combating the Opioid Epidemic. <i>Biochemistry</i> , 2017 , 56, 5625-5627	3.2	8
70	Mining a Krinke Pyridine Library for Anti-Arenavirus Activity. <i>ACS Infectious Diseases</i> , 2018 , 4, 815-824	5.5	8
69	Catalytic antibodies: the rerouting of chemical reactions. <i>Biochemical Society Transactions</i> , 1993 , 21, 1099-5	9.5	8
68	Enhancement of a Heroin Vaccine through Hapten Deuteration. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13294-13298	16.4	8
67	Consequence of Hapten Stereochemistry: An Efficacious Methamphetamine Vaccine. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14089-14092	16.4	7
66	Discovery of Chemicals to Either Clear or Indicate Amyloid Aggregates by Targeting Memory-Impairing Anti-Parallel A β Dimers. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11491-11500	16.4	7
65	Synthetic molecules for disruption of the MYC protein-protein interface. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 4234-4239	3.4	7

64	Probing BoNT/A protease exosites: implications for inhibitor design and light chain longevity. <i>Biochemistry</i> , 2014 , 53, 6820-4	3.2	7
63	Nachweis chemischer Kampfstoffe anhand des Abbauprodukts Methylphosphonsäure. <i>Angewandte Chemie</i> , 1999 , 111, 1909-1911	3.6	7
62	Dissecting AI-2-mediated quorum sensing through C5-analogue synthesis and biochemical analysis. <i>Tetrahedron</i> , 2015 , 72, 3593-3598	2.4	6
61	Uncharacterized 4,5-Dihydroxy-2,3-Pentanedione (DPD) Molecules Revealed Through NMR Spectroscopy: Implications for a Greater Signaling Diversity in Bacterial Species. <i>Angewandte Chemie</i> , 2012 , 124, 4280-4284	3.6	6
60	A synthetic opioid vaccine attenuates fentanyl-vs-food choice in male and female rhesus monkeys. <i>Drug and Alcohol Dependence</i> , 2021 , 218, 108348	4.9	6
59	Salicylanilide Analog Minimizes Relapse of Infection in Mice. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 6898-6908	8.3	5
58	MINCR is not a MYC-induced lncRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E496-7	11.5	5
57	Vaccine-driven pharmacodynamic dissection and mitigation of fenethylamine psychoactivity. <i>Nature</i> , 2017 , 548, 476-479	50.4	5
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