

# Jeffrey R Deschamps

## List of Publications by Year in descending order

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259  
papers

9,251  
citations

44069

48  
h-index

49909

87  
g-index

272  
all docs

272  
docs citations

272  
times ranked

11119  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure-Based Design of Potent Non-Peptide MDM2 Inhibitors. <i>Journal of the American Chemical Society</i> , 2005, 127, 10130-10131.	13.7	608
2	A Hybrid Quantum Dot <sup>+</sup> Antibody Fragment Fluorescence Resonance Energy Transfer-Based TNT Sensor. <i>Journal of the American Chemical Society</i> , 2005, 127, 6744-6751.	13.7	562
3	Proteolytic activity monitored by fluorescence resonance energy transfer through quantum-dot <sup>+</sup> peptide conjugates. <i>Nature Materials</i> , 2006, 5, 581-589.	27.5	537
4	Analyzing Nanomaterial Bioconjugates: A Review of Current and Emerging Purification and Characterization Techniques. <i>Analytical Chemistry</i> , 2011, 83, 4453-4488.	6.5	430
5	1-(4-Methylphenyl)-2-pyrrolidin-1-yl-pentan-1-one (Pyrovalerone) Analogues: A Promising Class of Monoamine Uptake Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 1420-1432.	6.4	349
6	Peripheral Cannabinoid-1 Receptor Inverse Agonism Reduces Obesity by Reversing Leptin Resistance. <i>Cell Metabolism</i> , 2012, 16, 167-179.	16.2	302
7	Sensing Caspase 3 Activity with Quantum Dot <sup>+</sup> Fluorescent Protein Assemblies. <i>Journal of the American Chemical Society</i> , 2009, 131, 3828-3829.	13.7	280
8	Diastereomeric Spirooxindoles as Highly Potent and Efficacious MDM2 Inhibitors. <i>Journal of the American Chemical Society</i> , 2013, 135, 7223-7234.	13.7	200
9	Ru <sub>2</sub> (ap) <sub>4</sub> (lf-oligo(phenyleneethynyl)) Molecular Wires: A Synthesis and Electronic Characterization. <i>Journal of the American Chemical Society</i> , 2005, 127, 10010-10011.	13.7	151
10	Quantum Dot DNA Bioconjugates: Attachment Chemistry Strongly Influences the Resulting Composite Architecture. <i>ACS Nano</i> , 2010, 4, 7253-7266.	14.6	141
11	General Approach for the Synthesis of Sarpagine Indole Alkaloids. Enantiospecific Total Synthesis of (+)-Velloimine, (+)-Normacusine B, (±)-Alkaloid Q3, (±)-Panarine, (+)-Na-Methylvellosimine, and (+)-Na-Methyl-16-epipericyclivine. <i>Journal of Organic Chemistry</i> , 2003, 68, 7565-7581.	3.2	130
12	Selecting Improved Peptidyl Motifs for Cytosolic Delivery of Disparate Protein and Nanoparticle Materials. <i>ACS Nano</i> , 2013, 7, 3778-3796.	14.6	124
13	Proteolytic Activity at Quantum Dot-Conjugates: Kinetic Analysis Reveals Enhanced Enzyme Activity and Localized Interfacial Hopping. <i>Nano Letters</i> , 2012, 12, 3793-3802.	9.1	122
14	Monitoring Botulinum Neurotoxin A Activity with Peptide-Functionalized Quantum Dot Resonance Energy Transfer Sensors. <i>ACS Nano</i> , 2011, 5, 2687-2699.	14.6	119
15	Maltose-binding protein: a versatile platform for prototyping biosensing. <i>Current Opinion in Biotechnology</i> , 2006, 17, 17-27.	6.6	115
16	Resonance Energy Transfer Between Luminescent Quantum Dots and Diverse Fluorescent Protein Acceptors. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18552-18561.	3.1	109
17	Polyvalent Display and Packing of Peptides and Proteins on Semiconductor Quantum Dots: Predicted Versus Experimental Results. <i>Small</i> , 2010, 6, 555-564.	10.0	109
18	Investigation of Zr(IV) and <sup>89</sup> Zr(IV) complexation with hydroxamates: progress towards designing a better chelator than desferrioxamine B for immuno-PET imaging. <i>Chemical Communications</i> , 2013, 49, 1002-1004.	4.1	99

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19	PABA/NO as an Anticancer Lead: Analogue Synthesis, Structure Revision, Solution Chemistry, Reactivity toward Glutathione, and in Vitro Activity. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 1157-1164.	6.4	85
20	<i>N</i> -(4-(4-(2,3-Dichloro- or 2-methoxyphenyl)piperazin-1-yl)butyl)heterobiarylcarboxamides with Functionalized Linking Chains as High Affinity and Enantioselective D3 Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2559-2570.	6.4	83
21	Enantiospecific Allosteric Modulation of Cannabinoid 1 Receptor. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1188-1203.	3.5	78
22	A Novel Series of Piperidin-4-yl-1,3-Dihydroindol-2-ones as Agonist and Antagonist Ligands at the Nociceptin Receptor. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 2973-2976.	6.4	72
23	Multiplex Charge-Transfer Interactions between Quantum Dots and Peptide-Bridged Ruthenium Complexes. <i>Analytical Chemistry</i> , 2009, 81, 4831-4839.	6.5	70
24	Determining the occurrence of a 3 <sub>10</sub> -helix and an $\alpha$ -helix in two different segments of a lipopeptaibol antibiotic using TOAC, a nitroxide spin-labeled C $\beta$ -tetrasubstituted $\beta$ -amino acid. <i>Bioorganic and Medicinal Chemistry</i> , 1999, 7, 119-131.	3.0	68
25	Quantum Dot-“Peptide”-Fullerene Bioconjugates for Visualization of <i>in Vitro</i> and <i>in Vivo</i> Cellular Membrane Potential. <i>ACS Nano</i> , 2017, 11, 5598-5613.	14.6	68
26	Adamantyl Cannabinoids: A Novel Class of Cannabinergic Ligands. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 4576-4585.	6.4	67
27	Delivery and Tracking of Quantum Dot Peptide Bioconjugates in an Intact Developing Avian Brain. <i>ACS Chemical Neuroscience</i> , 2015, 6, 494-504.	3.5	67
28	Understanding How Nanoparticle Attachment Enhances Phosphotriesterase Kinetic Efficiency. <i>ACS Nano</i> , 2015, 9, 8491-8503.	14.6	67
29	Engineering Immunological Tolerance Using Quantum Dots to Tune the Density of Self-Antigen Display. <i>Advanced Functional Materials</i> , 2017, 27, 1700290.	14.9	67
30	Enantiospecific Synthesis of (+)-Alstonisine via a Stereospecific Osmylation Process. <i>Journal of Natural Products</i> , 2008, 71, 1431-1440.	3.0	66
31	Integrated metagenomic and metaproteomic analyses of marine biofilm communities. <i>Biofouling</i> , 2014, 30, 1211-1223.	2.2	66
32	Brønsted Acid Mediated Cyclization of Enaminones. Rapid and Efficient Access to the Tetracyclic Framework of the <i>Strychnos</i> Alkaloids. <i>Journal of Natural Products</i> , 2012, 75, 181-188.	3.0	62
33	Competition between Förster Resonance Energy Transfer and Electron Transfer in Stoichiometrically Assembled Semiconductor Quantum Dot-“Fullerene” Conjugates. <i>ACS Nano</i> , 2013, 7, 9489-9505.	14.6	62
34	Probing the Enzymatic Activity of Alkaline Phosphatase within Quantum Dot Bioconjugates. <i>Journal of Physical Chemistry C</i> , 2015, 119, 2208-2221.	3.1	62
35	Efficacy, but Not Antibody Titer or Affinity, of a Heroin Hapten Conjugate Vaccine Correlates with Increasing Hapten Densities on Tetanus Toxoid, but Not on CRM <sub>197</sub> Carriers. <i>Bioconjugate Chemistry</i> , 2015, 26, 1041-1053.	3.6	61
36	Synthesis of spirooxindoles via asymmetric 1,3-dipolar cycloaddition. <i>Tetrahedron Letters</i> , 2005, 46, 5949-5951.	1.4	59

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37	Colloidal Stability of Gold Nanoparticles Coated with Multithiol-Poly(ethylene glycol) Ligands: Importance of Structural Constraints of the Sulfur Anchoring Groups. Journal of Physical Chemistry C, 2013, 117, 18947-18956.	3.1	59

38 Expeditious Synthesis, Enantiomeric Resolution, and Enantiomer Functional Characterization of

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55	Potent Cannabinergic Indole Analogues as Radioiodinatable Brain Imaging Agents for the CB1 Cannabinoid Receptor. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 6386-6392.	6.4	43
56	Nonpeptidic and Potent Small-Molecule Inhibitors of cIAP-1/2 and XIAP Proteins. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 6361-6367.	6.4	43
57	Synthesis, in Vitro Affinity, and Efficacy of a Bis 8-Ethynyl-4H-imidazo[1,5a]-[1,4]benzodiazepine Analogue, the First Bivalent $\pm$ Subtype Selective BzR/CABAA Antagonist. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 5567-5570.	6.4	41
58	Metal $\epsilon$ -chelator polymers as reactive adsorbents for organophosphate hydrolysis. <i>Reactive and Functional Polymers</i> , 2003, 55, 219-229.	4.1	40
59	Hydrolytic Reactivity Trends among Potential Prodrugs of the O <sup>2</sup> -Glycosylated Diazeniumdiolate Family. Targeting Nitric Oxide to Macrophages for Antileishmanial Activity. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3961-3970.	6.4	40
60	Conformationally Constrained Analogues of Diacylglycerol. 29. Cells Sort Diacylglycerol-Lactone Chemical Zip Codes to Produce Diverse and Selective Biological Activities. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5198-5220.	6.4	40
61	Elucidating Surface Ligand-Dependent Kinetic Enhancement of Proteolytic Activity at Surface-Modified Quantum Dots. <i>ACS Nano</i> , 2017, 11, 5884-5896.	14.6	39
62	Structure $\sim$ Activity Relationships Comparing <i>N</i> -(6-Methylpyridin-yl)-Substituted Aryl Amides to 2-Methyl-6-(substituted-arylethynyl)pyridines or 2-Methyl-4-(substituted-arylethynyl)thiazoles as Novel Metabotropic Glutamate Receptor Subtype 5 Antagonists. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 3563-3575.	6.4	38
63	Reversal of pancreatitis-induced pain by an orally available, small molecule interleukin-6 receptor antagonist. <i>Pain</i> , 2010, 151, 257-265.	4.2	38
64	Quantum dot display enhances activity of a phosphotriesterase trimer. <i>Chemical Communications</i> , 2015, 51, 6403-6406.	4.1	38
65	Conformational Details of Quantum Dot-DNA Resolved by Förster Resonance Energy Transfer Lifetime Nanoruler. <i>ACS Nano</i> , 2019, 13, 505-514.	14.6	38
66	Probes for Narcotic Receptor Mediated Phenomena. 34. Synthesis and Structure $\sim$ Activity Relationships of a Potent $\mu$ -Agonist $\delta$ -Antagonist and an Exceedingly Potent Antinociceptive in the Enantiomeric C9-Substituted 5-(3-Hydroxyphenyl)- <i>N</i> -phenylethylmorphinan Series. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3765-3776.	6.4	37
67	Controlling Disulfide Bond Formation and Crystal Growth from 2-Mercaptobenzoic Acid. <i>Crystal Growth and Design</i> , 2011, 11, 1370-1374.	3.0	36
68	Polymorphs of Picryl Bromide. <i>Crystal Growth and Design</i> , 2008, 8, 57-62.	3.0	35
69	Synthesis of Bicyclo[3.1.0]hexanes Functionalized at the Tip of the Cyclopropane Ring. Application to the Synthesis of Carbocyclic Nucleosides. <i>Organic Letters</i> , 2006, 8, 705-708.	4.6	34
70	Slow-Onset, Long-Duration, Alkyl Analogues of Methylphenidate with Enhanced Selectivity for the Dopamine Transporter. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 219-232.	6.4	34
71	Chemistry of the Diazeniumdiolates. O- versus N-Alkylation of the RNH[N(O)NO]-Ion. <i>Journal of the American Chemical Society</i> , 2004, 126, 12880-12887.	13.7	33
72	New HIV-1 reverse transcriptase inhibitors based on a tricyclic benzothiophene scaffold: Synthesis, resolution, and inhibitory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 3034-3038.	2.2	33

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73	Method Development for Metaproteomic Analyses of Marine Biofilms. <i>Analytical Chemistry</i> , 2012, 84, 4006-4013.	6.5	32
74	General Strategy for Synthesis of C-19 Methyl-Substituted Sarpagine/Macroline/Ajmaline Indole Alkaloids Including Total Synthesis of 19(S),20(R)-Dihydroperaksine, 19(S),20(R)-Dihydroperaksine-17-al, and Peraksine. <i>Journal of Organic Chemistry</i> , 2014, 79, 10030-10048.	3.2	32
75	Multimodal Characterization of a Linear DNA-Based Nanostructure. <i>ACS Nano</i> , 2012, 6, 1026-1043.	14.6	31
76	Novel Adamantyl Cannabinoids as CB1 Receptor Probes. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3904-3921.	6.4	30
77	Examining the Polyproline Nanoscopic Ruler in the Context of Quantum Dots. <i>Chemistry of Materials</i> , 2015, 27, 6222-6237.	6.7	30
78	X-ray crystallography of chemical compounds. <i>Life Sciences</i> , 2010, 86, 585-589.	4.3	29
79	Using click chemistry toward novel 1,2,3-triazole-linked dopamine D3 receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4000-4012.	3.0	29
80	Nanoparticle cellular uptake by dendritic wedge peptides: achieving single peptide facilitated delivery. <i>Nanoscale</i> , 2017, 9, 10447-10464.	5.6	28
81	Further Structural Exploration of Trisubstituted Asymmetric Pyran Derivatives (2S,4R,5R)-2-Benzhydryl-5-benzylamino-tetrahydropyran-4-ol and Their Corresponding Disubstituted (3S,6S) Pyran Derivatives: A Proposed Pharmacophore Model for High-Affinity Interaction with the Dopamine, Serotonin, and Norepinephrine Transporters. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 4239-4247.	6.4	26
82	Macroporous periodic mesoporous organosilicas with diethylbenzene bridging groups. <i>Microporous and Mesoporous Materials</i> , 2010, 130, 180-188.	4.4	26
83	Fluorescent Silicate Materials for the Detection of Paraoxon. <i>Sensors</i> , 2010, 10, 2315-2331.	3.8	26
84	Porphyrin-Embedded Silicate Materials for Detection of Hydrocarbon Solvents. <i>Sensors</i> , 2011, 11, 886-904.	3.8	26
85	Electrochemical detection of TNT with in-line pre-concentration using imprinted diethylbenzene-bridged periodic mesoporous organosilicas. <i>Sensors and Actuators B: Chemical</i> , 2011, 155, 737-744.	7.8	26
86	Total Synthesis of Sarpagine-Related Bioactive Indole Alkaloids. <i>Chemistry - A European Journal</i> , 2018, 24, 2354-2359.	3.3	26
87	Characterization and performance evaluation of in vivo and in vitro produced monoclonal anti-TNT antibodies for the detection of TNT. <i>Journal of Immunological Methods</i> , 2004, 284, 15-26.	1.4	25
88	Sculpting the Bicyclo[3.1.0]hexane Template of Carbocyclic Nucleosides to Improve Recognition by Herpes Thymidine Kinase. <i>Journal of the American Chemical Society</i> , 2007, 129, 6216-6222.	18.7	25
89	Structure-Activity Relationships for a Novel Series of Dopamine D2-like Receptor Ligands Based on N-Substituted 3-Aryl-8-azabicyclo[3.2.1]octan-3-ol. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 6095-6109.	6.4	25
90	Study of the Cis to Trans Isomerization of 1-Phenyl-2,3-disubstituted Tetrahydro- $\beta$ -carbolines at C(1). Evidence for the Carbocation-Mediated Mechanism. <i>Journal of Organic Chemistry</i> , 2009, 74, 2771-2779.	3.2	25

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91	Quantum Dots and Fluorescent Protein FRET-Based Biosensors. <i>Advances in Experimental Medicine and Biology</i> , 2012, 733, 63-74.	1.6	25
92	Synthesis and immunological effects of heroin vaccines. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7211-7232.	2.8	25
93	Cu(II)-containing cross-linked polymers for the hydrolysis of 4-nitrophenyl phosphate. <i>Inorganica Chimica Acta</i> , 2000, 309, 82-90.	2.4	24
94	Enantiomerically Pure Hexahydropyrazinoquinolines as Potent and Selective Dopamine 3 Subtype Receptor Ligands. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 3171-3181.	6.4	24
95	Organometallic Supramolecular Mixed-Valence Cobalt(I)/Cobalt(II) Aquo Complexes Stabilized with the Water-Soluble Phosphine Ligandp-TPPTP (p-triphenylphosphine triphosphonic acid). <i>Organometallics</i> , 2007, 26, 2272-2276.	2.3	24
96	Development of a Two-Step Route to 3-PBC and $\hat{I}^2CCt$ , Two Agents Active against Alcohol Self-Administration in Rodent and Primate Models. <i>Journal of Organic Chemistry</i> , 2011, 76, 4721-4727.	3.2	24
97	The role of crystallography in drug design. <i>AAPS Journal</i> , 2005, 7, E813-E819.	4.4	22
98	Fluorescence-based Sensing of 2,4,6-Trinitrotoluene (TNT) Using a Multi-channeled Poly(methyl) Tj ETQq0 0 0 rgBT /Qverlock, 10 Tf 50 4	3.8	22
99	Demonstration of Submersible High-Throughput Microfluidic Immunosensors for Underwater Explosives Detection. <i>Analytical Chemistry</i> , 2011, 83, 8411-8419.	6.5	22
100	First stereospecific total synthesis of ( $\hat{\alpha}$ )-affinisine oxindole as well as facile entry into the C(7)-diastereomeric chitosenine stereochemistry. <i>Tetrahedron Letters</i> , 2015, 56, 3052-3056.	1.4	22
101	Total Synthesis of Macrocarpines D and E via an Enolate-Driven Copper-Mediated Cross-Coupling Process: Replacement of Catalytic Palladium with Copper Iodide. <i>Organic Letters</i> , 2016, 18, 4174-4177.	4.6	22
102	X-ray structures of the $\eta$ opioid antagonist TIPP and a protected derivative of the $\eta$ opioid antagonist ICI 174,864. <i>International Journal of Peptide Research and Therapeutics</i> , 1994, 1, 107-115.	0.1	21
103	Facile Synthesis of Spirocyclic Lactams from $\hat{I}^2$ -Keto Carboxylic Acids. <i>Organic Letters</i> , 2015, 17, 3070-3073.	4.6	21
104	Kinetic enhancement in high-activity enzyme complexes attached to nanoparticles. <i>Nanoscale Horizons</i> , 2017, 2, 241-252.	8.0	21
105	Conformational Analysis of the cis- and trans-Adducts of the Pictet-Spengler Reaction. Evidence for the Structural Basis for the C(1) $\hat{\alpha}$ N(2) Scission Process in the cis- to trans-Isomerization. <i>Journal of Natural Products</i> , 2007, 70, 75-82.	3.0	20
106	X-ray structure of Tyr $\hat{\alpha}$ D $\hat{\alpha}$ Tic $\hat{\alpha}$ Phe $\hat{\alpha}$ Phe $\hat{\alpha}$ NH $\langle$ sub $\rangle$ 2 $\langle$ /sub $\rangle$ (D $\hat{\alpha}$ TIPP $\hat{\alpha}$ NH $\langle$ sub $\rangle$ 2 $\langle$ /sub $\rangle$ ), a highly potent $\hat{I}^2$ receptor selective opioid agonist. Comparisons with proposed model structures. <i>Chemical Biology and Drug Design</i> , 1997, 49, 384-393.	1.1	20
107	Regiospecific, Enantiospecific Total Synthesis of C-19 Methyl Substituted Sarpagine Alkaloids Dihydroperaksine-17-al and Dihydroperaksine. <i>Organic Letters</i> , 2011, 13, 5216-5219.	4.6	20
108	Direct Reaction of Amides with Nitric Oxide To Form Diazeniumdiolates. <i>Journal of Organic Chemistry</i> , 2014, 79, 9389-9393.	3.2	20

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109	Stabilization of Nitroaromatics. Propellants, Explosives, Pyrotechnics, 2015, 40, 506-513.	1.6	20
110	One-pot sequential reaction to 2-substituted-phenanthridinones from N-methoxybenzamides. Organic and Biomolecular Chemistry, 2017, 15, 4390-4398.	2.8	20
111	Concise Total Synthesis of (±)-Affinisine Oxindole, (+)-Isoalstonisine, (+)-Alstofoline, (±)-Macrogentine, (+)-N-Desmethylalstonisine, (±)-Alstonoxine...A, and (+)-Alstonisine. Chemistry - A European Journal, 2017, 23, 15805-15819.	3.3	20
112	Synthesis and Pharmacological Characterization of Nicotinic Acetylcholine Receptor Properties of (+)- and (±)-Pyrido-[3,4-b]homotropanes. Journal of Medicinal Chemistry, 2006, 49, 3244-3250.	6.4	19
113	Probes for Narcotic Receptor Mediated Phenomena. 37. Synthesis and Opioid Binding Affinity of the Final Pair of Oxide-Bridged Phenylmorphans, the Ortho- and Para-b-Isomers and Their N-Phenethyl Analogues, and the Synthesis of the N-Phenethyl Analogues of the Ortho- and Para-d-Isomers. Journal of Medicinal Chemistry, 2008, 51, 7866-7881.	6.4	19
114	CJ-1639: A Potent and Highly Selective Dopamine D3 Receptor Full Agonist. ACS Medicinal Chemistry Letters, 2011, 2, 620-625.	2.8	19
115	Detection of Explosives in a Dynamic Marine Environment Using a Moored TNT Immunosensor. Sensors, 2014, 14, 4074-4085.	3.8	19
116	Position of Coordination of the Lithium Ion Determines the Regioselectivity of Demethylations of 3,4-Dimethoxymorphinans with L-Selectride. Organic Letters, 2005, 7, 2531-2534.	4.6	18
117	Crystal structure of delta-kephalin: a $\beta$ -selective opioid peptide with a novel $\beta$ -bend-like conformation. International Journal of Peptide and Protein Research, 1994, 44, 97-104.	0.1	18
118	Discovery of a Biased Allosteric Modulator for Cannabinoid 1 Receptor: Preclinical Anti-Glaucoma Efficacy. Journal of Medicinal Chemistry, 2021, 64, 8104-8126.	6.4	18
119	Further Structurally Constrained Analogues of cis-(6-Benzhydrylpiperidin-3-yl)benzylamine with Elucidation of Bioactive Conformation: A Discovery of 1,4-Diazabicyclo[3.3.1]nonane Derivatives and Evaluation of Their Biological Properties for the Monoamine Transporters. Journal of Medicinal Chemistry, 2004, 47, 5101-5113.	6.4	17
120	N-Substituted cis-4a-(3-Hydroxyphenyl)-8a-methyloctahydroisoquinolines Are Opioid Receptor Pure Antagonists. Journal of Medicinal Chemistry, 2005, 48, 8182-8193.	6.4	17
121	Chiral Resolution and Absolute Configuration of the Enantiomers of the Psychoactive Designer Drug (±)-3,4-Methylenedioxypropylvalerone. Chirality, 2015, 27, 287-293.	2.6	17
122	Design and Comprehensive Conformational Studies of Tyr1-cyclo(d-Pen2-Gly3-Phe4-l-3-Mpt5) and Tyr1-cyclo(d-Pen2-Gly3-Phe4-d-3-Mpt5): A Novel Conformationally Constrained Opioid Peptides. Journal of the American Chemical Society, 1996, 118, 959-969.	13.7	16
123	Synthesis of (±,±)-disubstituted 4-phosphonophenylalanine analogues as conformationally-constrained phosphotyrosyl mimetics. Tetrahedron, 2004, 60, 2971-2977.	1.9	16
124	Synthesis of rac-(1R,4aR,9aR)-2-methyl-1,3,4,9a-tetrahydro-2H-1,4a-propanobenzofuro[2,3-c]pyridin-6-ol. An unusual double rearrangement leading to the ortho- and para-oxide-bridged phenylmorphans isomers. Organic and Biomolecular Chemistry, 2004, 2, 330-336.	2.8	16
125	Probes for Narcotic Receptor-Mediated Phenomena. 33.1 Construction of a Strained trans-5,6-Ring System by Displacement of a Nitro-Activated Aromatic Fluorine. Synthesis of the Penultimate Oxide-Bridged Phenylmorphans. Journal of Organic Chemistry, 2004, 69, 5322-5327.	3.2	16
126	Chemistry of the Diazeniumdiolates: A Study of Isomerism. Journal of the American Chemical Society, 2005, 127, 5388-5395.	13.7	16



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127	Adsorption of organophosphates from solution by porous organosilicates: Capillary phase-separation. <i>Microporous and Mesoporous Materials</i> , 2014, 195, 154-160.	4.4	16
128	Boc-protected 1-(3-oxocycloalkyl)ureas via a one-step Curtius rearrangement: mechanism and scope. <i>Tetrahedron Letters</i> , 2014, 55, 842-844.	1.4	16
129	Crystal Structures of Dipeptides Containing the Dmt-Tic Pharmacophore. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 5506-5513.	6.4	14
130	A new coordination mode for tris(2-carboxyethyl)phosphine: Synthesis, crystal structure and characterization of the mixed-valence Co(III)/Co(II)/Co(III) complex [Co{P(CH <sub>2</sub> CH <sub>2</sub> COO) <sub>2</sub> (CH <sub>2</sub> CH <sub>2</sub> COOH)} <sub>2</sub> ] <sub>2</sub> [Co(H <sub>2</sub> O) <sub>4</sub> ][Na <sub>2</sub> (H <sub>2</sub> O) <sub>4</sub> ]Cl <sub>2</sub> ·6H <sub>2</sub> O. <i>Polyhedron</i> , 2008, 27, 1795-1801.	2.2	14
131	Synthesis and pharmacological effects of the enantiomers of the N-phenethyl analogues of the ortho and para e- and f-oxide-bridged phenylmorphans. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2868.	2.8	14
132	C4-Alkylthiols with activity against <i>Moraxella catarrhalis</i> and <i>Mycobacterium tuberculosis</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6842-6852.	3.0	14
133	Probing the Quenching of Quantum Dot Photoluminescence by Peptide-Labeled Ruthenium(II) Complexes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 9239-9250.	3.1	14
134	Structural Basis of Species-Dependent Differential Affinity of 6-Alkoxy-5-Aryl-3-Pyridinecarboxamide Cannabinoid-1 Receptor Antagonists. <i>Molecular Pharmacology</i> , 2015, 88, 238-244.	2.3	14
135	B-973, a Novel $\pm$ 7 nAChR Ago-PAM: Racemic and Asymmetric Synthesis, Electrophysiological Studies, and <i>in Vivo</i> Evaluation. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 1144-1148.	2.8	14
136	Synthesis and characterization of wire-like Ru <sub>2</sub> (ap) <sub>4</sub> -[ $\mu$ -oligo(phenylene ethynyl)] compounds. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4734-4739.	1.8	13
137	Enantioselective synthesis of (2R,3R)- and (2S,3S)-2-[(3-chlorophenyl)-(2-methoxyphenoxy)methyl]morpholine. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 2249-2256.	1.8	13
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