

# 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	Design, Synthesis, and In Vivo Evaluation of C1-Linked 4,5-Epoxymorphinan Haptens for Heroin Vaccines. <i>Molecules</i> , 2022, 27, 1553.	3.8	2
2	Stereoisomerization of human constitutive androstane receptor agonist CITCO. <i>Tetrahedron</i> , 2021, 79, 131886.	1.9	1
3	Discovery of a Biased Allosteric Modulator for Cannabinoid 1 Receptor: Preclinical Anti-Glaucoma Efficacy. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 8104-8126.	6.4	18
4	$\hat{\pm}$ -[Amino(4-aminophenyl)thio]methylene-2-(trifluoromethyl)benzeneacetonitrile; Configurational equilibria in solution. <i>Bioorganic Chemistry</i> , 2021, 113, 104955.	4.1	0
5	Reply to the "Comment on "Investigation of Zr(IV) and $^{89}\text{Zr(IV)}$ complexation with hydroxamates: progress towards designing a better chelator than desferrioxamine B for immuno-PET imaging" by A. Bianchi and M. Savastano, <i>Chem. Commun.</i> , 2020, 56, DOCC01189D. <i>Chemical Communications</i> , 2020, 56, 12667-12668.	4.1	2
6	G-Protein biased opioid agonists: 3-hydroxy- <i>N</i> -phenethyl-5-phenylmorphans with three-carbon chain substituents at C9. <i>RSC Medicinal Chemistry</i> , 2020, 11, 896-904.	3.9	10
7	X-ray Crystallography and Unexpected Chiroptical Properties Reassign the Configuration of Haliclonadiamine. <i>Journal of the American Chemical Society</i> , 2020, 142, 2755-2759.	13.7	7
8	Structure and Properties of 1,4-Bis(Trinitromethyl)Benzene. <i>Propellants, Explosives, Pyrotechnics</i> , 2020, 45, 1487-1489.	1.6	1
9	C4-Phenylthio $\hat{2}$ -lactams: Effect of the chirality of the $\hat{2}$ -lactam ring on antimicrobial activity. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 115050.	3.0	9
10	Synthesis and Characterization of the Selective, Reversible PKC $\hat{2}$ Inhibitor (9 <i>S</i> )-9-[(Dimethylamino)methyl]-6,7,10,11-tetrahydro-9 <i>H</i> ,18 <i>H</i> -5,21:12,17-dimethenodibenzo[ <i>b,e</i> ]pyrrolo[3,4- <i>g</i> ]indole-1,2-dione. <i>ACS Chemical Neuroscience</i> , 2019, 10, 246-251.	3.5	0
11	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
12	A Stable Heroin Analogue That Can Serve as a Vaccine Hapten to Induce Antibodies That Block the Effects of Heroin and Its Metabolites in Rodents and That Cross-React Immunologically with Related Drugs of Abuse. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 329-343.	6.4	56
13	Total Synthesis of Sarpagine-Related Bioactive Indole Alkaloids. <i>Chemistry - A European Journal</i> , 2018, 24, 2354-2359.	3.3	26
14	B-973, a Novel $\hat{7}$ 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
15	A High Aspect Ratio Bifurcated 128-Microchannel Microfluidic Device for Environmental Monitoring of Explosives. <i>Sensors</i> , 2018, 18, 1568.	3.8	11
16	Two Cullcomplexes of 3,4,5-trimethyl-1 <i>H</i> -pyrazole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 357-362.	0.5	3
17	Enantiospecific Allosteric Modulation of Cannabinoid 1 Receptor. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1188-1203.	3.5	78
18	Iodobenzene-Catalyzed Synthesis of Phenanthridinones via Oxidative C-H Amidation. <i>Journal of Organic Chemistry</i> , 2017, 82, 3589-3596.	3.2	52

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19	One-pot sequential reaction to 2-substituted-phenanthridinones from N-methoxybenzamides. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4390-4398.	2.8	20
20	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
21	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
22	A luminescent 2,2'-bipyridyl tricarbonyl rhenium(II) complex containing a non-bridging dicyanamide ligand. <i>Inorganic Chemistry Communication</i> , 2017, 83, 55-58.	3.9	1
23	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
24	Modulation of opioid receptor affinity and efficacy via N-substitution of 9 $\beta$ -hydroxy-5-(3-hydroxyphenyl)morphin: Synthesis and computer simulation study. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2406-2422.	3.0	9
25	Toward Understanding the Structural Basis of Partial Agonism at the Dopamine D <sub>3</sub> Receptor. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 580-593.	6.4	49
26	Concise Total Synthesis of (±)-Affinisine Oxindole, (+)-Isoalstonisine, (+)-Alstofoline, (±)-Macrogentine, (+)-N-acetyl-demethylalstonisine, (±)-Alstonoxine...A, and (+)-Alstonisine. <i>Chemistry - A European Journal</i> , 2017, 23, 15805-15819.	3.3	20
27	Kinetic enhancement in high-activity enzyme complexes attached to nanoparticles. <i>Nanoscale Horizons</i> , 2017, 2, 241-252.	8.0	21
28	Nanoparticle cellular uptake by dendritic wedge peptides: achieving single peptide facilitated delivery. <i>Nanoscale</i> , 2017, 9, 10447-10464.	5.6	28
29	Crystal structures of the three closely related compounds: bis[(1 <i>H</i> -tetrazol-5-yl)methyl]nitramide, triaminoguanidinium 5-([(1 <i>H</i> -tetrazol-5-yl)methyl](nitro)amino)methyltetrazol-1-ide, and diammonium bis[(tetrazol-1-yl-5-yl)methyl]nitramide monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1056-1061.	0.5	3
30	Design, Synthesis, and Biological Evaluation of Structurally Rigid Analogues of 4-(3-Hydroxyphenyl)piperidine Opioid Receptor Antagonists. <i>Journal of Organic Chemistry</i> , 2016, 81, 10383-10391.	3.2	8
31	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
32	Synthesis and structural characterization of a flexible metal organic framework <i>Sciences</i> , 2016, 52, 1-9.	3.2	9
33	Stabilization of Nitro-Aromatics. <i>Propellants, Explosives, Pyrotechnics</i> , 2015, 40, 506-513.	1.6	20
34	Quantum dot display enhances activity of a phosphotriesterase trimer. <i>Chemical Communications</i> , 2015, 51, 6403-6406.	4.1	38
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	Facile Synthesis of Spirocyclic Lactams from $\beta$ -Keto Carboxylic Acids. <i>Organic Letters</i> , 2015, 17, 3070-3073.	4.6	21

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37	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
38	First stereospecific total synthesis of (âˆ™)-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
39	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
40	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
41	Non-transpeptidase binding arylthioether Î²-lactams active against <i>Mycobacterium tuberculosis</i> and <i>Moraxella catarrhalis</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 632-647.	3.0	6
42	Synthesis of 1,2-dihydro-2-oxo-4-quinolinyl phosphates from 2-acyl-benzoic acids. <i>Tetrahedron Letters</i> , 2015, 56, 1441-1444.	1.4	4
43	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
44	Enhancing enzymatic efficiency by attachment to semiconductor nanoparticles for biosensor applications. , 2015, , .		0
45	Understanding How Nanoparticle Attachment Enhances Phosphotriesterase Kinetic Efficiency. <i>ACS Nano</i> , 2015, 9, 8491-8503.	14.6	67
46	Multi-channelled single chain variable fragment (scFv) based microfluidic device for explosives detection. <i>Talanta</i> , 2015, 144, 439-444.	5.5	8
47	PABA/NO lead optimization: Improved targeting of cytotoxicity to glutathione S-transferase P1-overexpressing cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4980-4988.	3.0	7
48	Chiral Resolution and Absolute Configuration of the Enantiomers of the Psychoactive âœœDesigner Drugâœœ 3,4-Methylenedioxyprovalerone. <i>Chirality</i> , 2015, 27, 287-293.	2.6	17
49	One-step synthesis of a new photoelectron-accepting, n-dopable oligo(pyrazole). <i>Synthetic Metals</i> , 2015, 204, 32-38.	3.9	3
50	Examining the Polyproline Nanoscopic Ruler in the Context of Quantum Dots. <i>Chemistry of Materials</i> , 2015, 27, 6222-6237.	6.7	30
51	Crystal structure of catena-poly[[chlorido(4,4-dimethyl-2,2-bipyridine-Î²2N,Nâ€²)copper(II)]-Î¼4-chlorido]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 624-627.	0.5	0
52	Synthesis of aza and carbocyclic Î²-carbolines for the treatment of alcohol abuse. Regiospecific solution to the problem of 3,6-disubstituted Î²- and aza-Î²-carboline specificity. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10705-10715.	2.8	13
53	Effect of substitution and the counterion on the structural and spectroscopic properties of Cu<sup>II</sup> complexes of methylated pyrazoles. <i>Journal of Coordination Chemistry</i> , 2015, 68, 3611-3635.	2.2	9
54	Detection of Explosives in a Dynamic Marine Environment Using a Moored TNT Immunosensor. <i>Sensors</i> , 2014, 14, 4074-4085.	3.8	19

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55	Design of Chemically Stable, Potent, and Efficacious MDM2 Inhibitors That Exploit the Retro-Mannich Ring-Opening-Cyclization Reaction Mechanism in Spiro-oxindoles. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10486-10498.	6.4	57
56	Resonance Energy Transfer in DNA Duplexes Labeled with Localized Dyes. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14555-14565.	2.6	55
57	Reprint of "Which metaproteome? The impact of protein extraction bias on metaproteomic analyses". <i>Molecular and Cellular Probes</i> , 2014, 28, 51-57.	2.1	6
58	Aliphatic Versus Aromatic Nucleophilic Attack of $\text{NH}_3$ on Trialkoxy-trinitrobenzenes in the Preparation of TATB. <i>Journal of Energetic Materials</i> , 2014, 32, 60-70.	2.0	1
59	Adsorption of organophosphates from solution by porous organosilicates: Capillary phase-separation. <i>Microporous and Mesoporous Materials</i> , 2014, 195, 154-160.	4.4	16
60	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
61	Integrated metagenomic and metaproteomic analyses of marine biofilm communities. <i>Biofouling</i> , 2014, 30, 1211-1223.	2.2	66
62	Growth and development of the barnacle <i>Amphibalanus amphitrite</i> : time and spatially resolved structure and chemistry of the base plate. <i>Biofouling</i> , 2014, 30, 799-812.	2.2	55
63	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
64	Synthesis and immunological effects of heroin vaccines. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7211-7232.	2.8	25
65	Direct Reaction of Amides with Nitric Oxide To Form Diazeniumdiolates. <i>Journal of Organic Chemistry</i> , 2014, 79, 9389-9393.	3.2	20
66	Identification of Neuropeptide S Antagonists: Structure-Activity Relationship Studies, X-ray Crystallography, and in Vivo Evaluation. <i>ACS Chemical Neuroscience</i> , 2014, 5, 731-744.	3.5	11
67	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
68	Synthesis of Enantiopure 10-Nornaltrexones in the Search for Toll-like Receptor 4 Antagonists and Opioid Ligands. <i>Journal of Organic Chemistry</i> , 2014, 79, 5007-5018.	3.2	3
69	Stereospecific Total Synthesis of the Indole Alkaloid Ervindicine. Establishment of the C-6 Hydroxyl Stereochemistry. <i>Journal of Organic Chemistry</i> , 2014, 79, 3776-3780.	3.2	5
70	A One-Step Synthesis of $\beta$ -Bromocodide from Codeine. <i>Journal of Pharmaceutical Sciences and Pharmacology</i> , 2014, 1, 54-56.	0.2	0
71	Structure of 1-tert-Butyl-3-hydroxymethyl-3-nitroazetidine and 1-Bromoacetyl-3,3-dinitroazetidine, an Investigative Anticancer Agent Derived from Energetic Materials. <i>Journal of Chemical Crystallography</i> , 2013, 43, 306-309.	1.1	1
72	Stereochemical Origins of Chromophore Extension in O <sub>2</sub> -Substituted Diazeniumdiolates, Prodrugs of Nitric Oxide. <i>Journal of Chemical Crystallography</i> , 2013, 43, 123-126.	1.1	0

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73	REMUS100 AUV with an integrated microfluidic system for explosives detection. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5171-5178.	3.7	10
74	Colloidal Stability of Gold Nanoparticles Coated with Multithiol-Poly(ethylene glycol) Ligands: Importance of Structural Constraints of the Sulfur Anchoring Groups. <i>Journal of Physical Chemistry C</i> , 2013, 117, 18947-18956.	3.1	59
75	Which metaproteome? The impact of protein extraction bias on metaproteomic analyses. <i>Molecular and Cellular Probes</i> , 2013, 27, 193-199.	2.1	47
76	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
77	Expeditious Synthesis, Enantiomeric Resolution, and Enantiomer Functional Characterization of		

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91	Configurational Reassignment and Improved Preparation of the Competitive IL-6 Receptor Antagonist 20 <i>R</i> ,21 <i>R</i> -Epoxyresibufogenin-3-formate. <i>Journal of Natural Products</i> , 2012, 75, 661-668.	3.0	6
92	Multimodal Characterization of a Linear DNA-Based Nanostructure. <i>ACS Nano</i> , 2012, 6, 1026-1043.	14.6	31
93	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
94	Quantum Dots and Fluorescent Protein FRET-Based Biosensors. <i>Advances in Experimental Medicine and Biology</i> , 2012, 733, 63-74.	1.6	25
95	Peripheral Cannabinoid-1 Receptor Inverse Agonism Reduces Obesity by Reversing Leptin Resistance. <i>Cell Metabolism</i> , 2012, 16, 167-179.	16.2	302
96	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
97	Synthesis of a 2,2'-Bipyridyl Functionalized Oligovinylene-Phenylene Using Heck and Horner-Wadsworth-Emmons Reactions and X-ray Crystal Structure of E-(4-(4-Bromostyryl)phenyl)(methyl)sulfane. <i>Molecules</i> , 2012, 17, 5724-5732.	3.8	1
98	Electronic effects on the reactivity of copper mono-bipyridine complexes. <i>Inorganica Chimica Acta</i> , 2012, 388, 168-174.	2.4	6
99	Probes for narcotic receptor mediated phenomena. 44. Synthesis of an N-substituted 4-hydroxy-5-(3-hydroxyphenyl)morphan with high affinity and selective $\mu_4$ -antagonist activity. <i>European Journal of Medicinal Chemistry</i> , 2012, 50, 44-54.	5.5	9
100	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
101	Development of a Two-Step Route to 3-PBC and $\mu_2$ CCt, 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
102	Controlling Disulfide Bond Formation and Crystal Growth from 2-Mercaptobenzoic Acid. <i>Crystal Growth and Design</i> , 2011, 11, 1370-1374.	3.0	36
103	Solution- and Solid-State Conformations of C( $\pm$ )-Alkyl Analogues of Methylphenidate (Ritalin) Salts: Avoidance of <i>gauche-gauche</i> Interactions. <i>Journal of Organic Chemistry</i> , 2011, 76, 9239-9245.	3.2	6
104	Explosives detection in the marine environment using UUV-modified immunosensor. , 2011, , .		3
105	Porphyrin-Embedded Silicate Materials for Detection of Hydrocarbon Solvents. <i>Sensors</i> , 2011, 11, 886-904.	3.8	26
106	Demonstration of Submersible High-Throughput Microfluidic Immunosensors for Underwater Explosives Detection. <i>Analytical Chemistry</i> , 2011, 83, 8411-8419.	6.5	22
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	Diastereoselective One-Pot Synthesis of 7- and 8-Substituted 5-Phenylmorphans Probes for Narcotic Receptor Mediated Phenomena. 45.. <i>Organic Letters</i> , 2011, 13, 5322-5325.	4.6	4

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109	Submerged explosives detection platforms using immunosensing technology. , 2011, , .		1
110	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
111	Application of silver N-heterocyclic carbene complexes in O-glycosidation reactions. <i>Carbohydrate Research</i> , 2011, 346, 2337-2341.	2.3	10
112	Analyzing Nanomaterial Bioconjugates: A Review of Current and Emerging Purification and Characterization Techniques. <i>Analytical Chemistry</i> , 2011, 83, 4453-4488.	6.5	430
113	CJ-1639: A Potent and Highly Selective Dopamine D3 Receptor Full Agonist. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 620-625.	2.8	19
114	Thermal Expansion of HMX. <i>Journal of Chemical Crystallography</i> , 2011, 41, 966-970.	1.1	54
115	Structure of O-Methyl-trinitrophenylglucosyl Derivatives. <i>Journal of Chemical Crystallography</i> , 2011, 41, 971-975.	1.1	3
116	Probes for narcotic receptor mediated phenomena. 43. Synthesis of the ortho-a and para-a, and improved synthesis and optical resolution of the ortho-b and para-b oxide-bridged phenylmorphans: Compounds with moderate to low opioid-receptor affinity. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 4330-4337.	3.0	10
117	Probes for narcotic receptor mediated phenomena. Part 42: Synthesis and in vitro pharmacological characterization of the N-methyl and N-phenethyl analogues of the racemic ortho-c and para-c oxide-bridged phenylmorphans. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3434-3443.	3.0	9
118	Unsymmetric diruthenium complexes. <i>Inorganica Chimica Acta</i> , 2011, 365, 439-446.	2.4	0
119	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
120	4,4-Bis(methylthio)azetidin-2-ones as synthons of 1,2- and 1,3-dicarbonyl systems. <i>Tetrahedron Letters</i> , 2011, 52, 1909-1912.	1.4	2
121	Biosensor UUV payload for underwater detection. <i>Proceedings of SPIE</i> , 2010, , .	0.8	2
122	Using conformationally locked nucleosides to calibrate the anomeric effect: implications for glycosyl bond stability. <i>Tetrahedron</i> , 2010, 66, 6707-6717.	1.9	3
123	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
124	Macroporous periodic mesoporous organosilicas with diethylbenzene bridging groups. <i>Microporous and Mesoporous Materials</i> , 2010, 130, 180-188.	4.4	26
125	Probes for narcotic receptor mediated phenomena. 40. N-Substituted cis-4a-ethyl-1,2,3,4,4a,9a-hexahydrobenzofuro[2,3-c]pyridin-8-ols. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 91-99.	3.0	5
126	Quantum dots: Small 4/2010. <i>Small</i> , 2010, 6, NA-NA.	10.0	0

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127	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
128	Fluorescent Silicate Materials for the Detection of Paraoxon. <i>Sensors</i> , 2010, 10, 2315-2331.	3.8	26
129	Fluorescence-based Sensing of 2,4,6-Trinitrotoluene (TNT) Using a Multi-channelled Poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock	3.8	22
130	Quantum Dot DNA Bioconjugates: Attachment Chemistry Strongly Influences the Resulting Composite Architecture. <i>ACS Nano</i> , 2010, 4, 7253-7266.	14.6	141
131	Strain analysis of a chiral smectic- $A$ elastomer. <i>Physical Review E</i> , 2010, 82, 031705.	2.1	8
132	X-ray crystallography of chemical compounds. <i>Life Sciences</i> , 2010, 86, 585-589.	4.3	29
133	Synthesis of Conformationally Locked $\beta$ -Deoxythreosyl Phosphonate Nucleosides Built on a Bicyclo[3.1.0]hexane Template. <i>Journal of Organic Chemistry</i> , 2010, 75, 7659-7669.	3.2	12
134	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
135	Nitrogen-bound diazeniumdiolated amidines. <i>Chemical Communications</i> , 2010, 46, 5799.	4.1	5
136	Peptide linkers for the assembly of semiconductor quantum dot bioconjugates. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
137	North- and South-Bicyclo[3.1.0]Hexene Nucleosides: The Effect of Ring Planarity on Anti-HIV Activity. <i>ChemMedChem</i> , 2009, 4, 1354-1363.	3.2	5
138	Structure-Activity Relationships Comparing $N$ -(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
139	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. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1229-1230.	6.4	0
140	Probes for Narcotic Receptor Mediated Phenomena. 39.(1) Enantiomeric $N$ -Substituted Benzofuro[2,3- <i>c</i> ]pyridin-6-ols: Synthesis and Topological Relationship to Oxide-Bridged Phenylmorphans(2). <i>Journal of Medicinal Chemistry</i> , 2009, 52, 7570-7579.	6.4	12
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253	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. <i>Journal of the American Chemical Society</i> , 1996, 118, 959-969.	13.7	16
254	Structural studies of opioid peptides: A review of recent progress in x-ray diffraction studies. <i>Biopolymers</i> , 1996, 40, 121-139.	2.4	56
255	X-ray structures of the $\mu$ opioid antagonist TIPP and a protected derivative of the $\mu$ opioid antagonist ICI 174,864. <i>International Journal of Peptide Research and Therapeutics</i> , 1994, 1, 107-115.	0.1	21
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257	Preparation and initial characterization of crystals of the photoprotein aequorin from <i>Aequorea victoria</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 1993, 15, 103-107.	2.6	11
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