

Kevin Burgess

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315 papers	23,086 citations	67 h-index	144 g-index
320 ext. papers	24,923 ext. citations	8.7 avg, IF	7.31 L-index

#	Paper	IF	Citations
3 ¹⁵	BODIPY dyes and their derivatives: syntheses and spectroscopic properties. <i>Chemical Reviews</i> , 2007 , 107, 4891-932	68.1	3780
3 ¹⁴	BODIPY dyes in photodynamic therapy. <i>Chemical Society Reviews</i> , 2013 , 42, 77-88	58.5	1400
3 ¹³	Fluorescent indicators for intracellular pH. <i>Chemical Reviews</i> , 2010 , 110, 2709-28	68.1	1264
3 ¹²	Metal-catalyzed epoxidations of alkenes with hydrogen peroxide. <i>Chemical Reviews</i> , 2003 , 103, 2457-73	68.1	949
3 ¹¹	Transition-metal promoted hydroborations of alkenes, emerging methodology for organic transformations. <i>Chemical Reviews</i> , 1991 , 91, 1179-1191	68.1	592
3 ¹⁰	Peptidomimetics via copper-catalyzed azide-alkyne cycloadditions. <i>Chemical Society Reviews</i> , 2007 , 36, 1674-89	58.5	500
3 ⁰⁹	Chiral N-heterocyclic carbene-transition metal complexes in asymmetric catalysis. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 951-961		459
3 ⁰⁸	Catalytic homogeneous asymmetric hydrogenations of largely unfunctionalized alkenes. <i>Chemical Reviews</i> , 2005 , 105, 3272-96	68.1	445
3 ⁰⁷	Optically active iridium imidazol-2-ylidene-oxazoline complexes: preparation and use in asymmetric hydrogenation of arylalkenes. <i>Journal of the American Chemical Society</i> , 2003 , 125, 113-23	16.4	378
3 ⁰⁶	3,5-Diaryl-4,4-difluoro-4-bora-3a,4a-diaza-s-indacene (BODIPY) Dyes: Synthesis, Spectroscopic, Electrochemical, and Structural Properties. <i>Journal of Organic Chemistry</i> , 1999 , 64, 7813-7819	4.2	328
3 ⁰⁵	Enantioselective esterifications of unsaturated alcohols mediated by a lipase prepared from <i>Pseudomonas</i> sp. <i>Journal of the American Chemical Society</i> , 1991 , 113, 6129-6139	16.4	278
3 ⁰⁴	Reactions of catecholborane with Wilkinson's catalyst: implications for transition metal-catalyzed hydroborations of alkenes. <i>Journal of the American Chemical Society</i> , 1992 , 114, 9350-9359	16.4	273
3 ⁰³	In vitro and in vivo photocytotoxicity of boron dipyrromethene derivatives for photodynamic therapy. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 2865-74	8.3	272
3 ⁰²	Anthracene-BODIPY cassettes: syntheses and energy transfer. <i>Chemistry - A European Journal</i> , 2003 , 9, 4430-41	4.8	242
3 ⁰¹	4,4-Difluoro-4-bora-3a,4a-diaza-s-indacene (BODIPY) dyes modified for extended conjugation and restricted bond rotations. <i>Journal of Organic Chemistry</i> , 2000 , 65, 2900-6	4.2	240
3 ⁰⁰	Chiral imidazolylidine ligands for asymmetric hydrogenation of aryl alkenes. <i>Journal of the American Chemical Society</i> , 2001 , 123, 8878-9	16.4	215
2 ⁹⁹	Manganese-catalyzed epoxidations of alkenes in bicarbonate solutions. <i>Journal of the American Chemical Society</i> , 2002 , 124, 11946-54	16.4	203

- 298 Syntheses and spectral properties of functionalized, water-soluble BODIPY derivatives. *Journal of Organic Chemistry*, **2008**, 73, 1963-70 4.2 193
- 297 Syntheses of nucleoside triphosphates. *Chemical Reviews*, **2000**, 100, 2047-60 68.1 183
- 296 A ratiometric pH reporter for imaging protein-dye conjugates in living cells. *Journal of the American Chemical Society*, **2009**, 131, 1642-3 16.4 178
- 295 Syntheses of highly fluorescent GFP-chromophore analogues. *Journal of the American Chemical Society*, **2008**, 130, 4089-96 16.4 177
- 294 New Catalysts and Conditions for a C²H Insertion Reaction Identified by High Throughput Catalyst Screening. *Angewandte Chemie International Edition in English*, **1996**, 35, 220-222 172
- 293 Fluorescent, through-bond energy transfer cassettes for labeling multiple biological molecules in one experiment. *Journal of the American Chemical Society*, **2003**, 125, 14668-9 16.4 168
- 292 Benzophenoxazine-based fluorescent dyes for labeling biomolecules. *Tetrahedron*, **2006**, 62, 11021-11037 16.4 165
- 291 Solid-Phase Syntheses of Unnatural Biopolymers Containing Repeating Urea Units. *Angewandte Chemie International Edition in English*, **1995**, 34, 907-909 160
- 290 Synthetic approaches to stereoisomers and analogues of castanospermine. *Tetrahedron*, **1992**, 48, 4045-4066 14.6 145
- 289 Synthesis and spectroscopic properties of a new 4-bora-3a,4a-diaza-s-indacene (BODIPY[®]) dye. *Chemical Communications*, **1999**, 1889-1890 5.8 138
- 288 B,O-chelated azadipyrrromethenes as near-IR probes. *Organic Letters*, **2008**, 10, 4771-4 6.2 137
- 287 Functionalization of the 4,4-difluoro-4-bora-3a,4a-diaza-s-indacene (BODIPY) core. *Bioorganic and Medicinal Chemistry Letters*, **2008**, 18, 3112-6 2.9 137
- 286 Design and Optimization of New Phosphine Oxazoline Ligands via High-Throughput Catalyst Screening. *Journal of the American Chemical Society*, **1998**, 120, 9180-9187 16.4 137
- 285 Electronic effects steer the mechanism of asymmetric hydrogenations of unfunctionalized aryl-substituted alkenes. *Journal of the American Chemical Society*, **2004**, 126, 16688-9 16.4 135
- 284 Ring closure to beta-turn mimics via copper-catalyzed azide/alkyne cycloadditions. *Journal of Organic Chemistry*, **2005**, 70, 9595-8 4.2 129
- 283 Universal peptidomimetics. *Journal of the American Chemical Society*, **2011**, 133, 462-77 16.4 121
- 282 Asymmetric Syntheses of 2,3-Methanoamino Acids. *Synlett*, **1994**, 1994, 575-583 2.2 116
- 281 Energy transfer cassettes based on BODIPY[®] dyes. *Chemical Communications*, **2000**, 2203-2204 5.8 115

- 280 Solid Phase Syntheses of Oligoureas. *Journal of the American Chemical Society*, **1997**, 119, 1556-1564 16.4 114
- 279 A cheap, catalytic, scalable, and environmentally benign method for alkene epoxidations. *Journal of the American Chemical Society*, **2001**, 123, 2933-4 16.4 113
- 278 Water-soluble through-bond energy transfer cassettes for intracellular imaging. *Journal of the American Chemical Society*, **2006**, 128, 10688-9 16.4 111
- 277 Enantioselective hydroboration mediated by homochiral rhodium catalysts. *Journal of Organic Chemistry*, **1988**, 53, 5178-5179 4.2 109
- 276 Filling gaps in asymmetric hydrogenation methods for acyclic stereocontrol: application to chirons for polyketide-derived natural products. *Accounts of Chemical Research*, **2012**, 45, 1623-36 24.3 105
- 275 Solid-phase syntheses of beta-turn analogues to mimic or disrupt protein-protein interactions. *Accounts of Chemical Research*, **2001**, 34, 826-35 24.3 105
- 274 Encapsulated energy-transfer cassettes with extremely well resolved fluorescent outputs. *Journal of the American Chemical Society*, **2011**, 133, 51-5 16.4 103
- 273 Functionalized BF(2) Chelated Azadipyromethene Dyes. *Tetrahedron*, **2008**, 64, 3642-3654 2.4 103
- 272 Asymmetric syntheses of optically active .alpha.,.beta.-disubstituted .beta.-amino acids. *Journal of Organic Chemistry*, **1993**, 58, 4758-4763 4.2 97
- 271 Spectral dispersion and water solubilization of BODIPY dyes via palladium-catalyzed C-H functionalization. *Organic Letters*, **2007**, 9, 2135-8 6.2 96
- 270 Enantioselective hydrogenations of arylalkenes mediated by [Ir(cod) (JM-Phos)]+ complexes. *Chemistry - A European Journal*, **2001**, 7, 5391-400 4.8 96
- 269 Base dependence in copper-catalyzed Huisgen reactions: efficient formation of bistriazoles. *Angewandte Chemie - International Edition*, **2007**, 46, 3649-51 16.4 95
- 268 Chemiluminescent energy-transfer cassettes based on fluorescein and nile red. *Angewandte Chemie - International Edition*, **2007**, 46, 1684-7 16.4 92
- 267 A new synthesis of symmetric boraindacene (BODIPY) dyes. *Chemical Communications*, **2008**, 4933-5 5.8 90
- 266 Rigid, conjugated, fluoresceinated thymidine triphosphates: syntheses and polymerase mediated incorporation into DNA analogues. *Chemistry - A European Journal*, **2003**, 9, 4603-10 4.8 90
- 265 Carbene-metal hydrides can be much less acidic than phosphine-metal hydrides: significance in hydrogenations. *Journal of the American Chemical Society*, **2010**, 132, 6249-53 16.4 86
- 264 Syntheses and properties of water-soluble Nile Red derivatives. *Journal of Organic Chemistry*, **2006**, 71, 7835-9 4.2 86
- 263 New, optically active phosphine oxazoline (JM-Phos) ligands: syntheses and applications in allylation reactions. *Journal of Organic Chemistry*, **2001**, 66, 206-15 4.2 86

262	Mechanistic insights into iridium-catalyzed asymmetric hydrogenation of dienes. <i>Chemistry - A European Journal</i> , 2005 , 11, 6859-68	4.8	84
261	Small Molecules for Active Targeting in Cancer. <i>Medicinal Research Reviews</i> , 2016 , 36, 494-575	14.4	84
260	Brilliant BODIPY-fluorene Copolymers With Dispersed Absorption and Emission Maxima. <i>Macromolecules</i> , 2011 , 44, 4012-4015	5.5	83
259	3- and 5-Functionalized BODIPYs via the Liebeskind-Srogl reaction. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 34-6	3.9	83
258	A modular approach to trans-chelating, N-heterocyclic carbene ligand complexes. <i>Tetrahedron: Asymmetry</i> , 2002 , 13, 1969-1972		83
257	Minimalist and universal peptidomimetics. <i>Chemical Society Reviews</i> , 2011 , 40, 4411-21	58.5	82
256	Asymmetric hydrogenation routes to deoxypolyketide chirons. <i>Chemistry - A European Journal</i> , 2007 , 13, 7162-70	4.8	81
255	In vivo studies of nanostructure-based photosensitizers for photodynamic cancer therapy. <i>Small</i> , 2014 , 10, 4993-5013	11	79
254	Correlations of structure and rates of energy transfer for through-bond energy-transfer cassettes. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 20-7	2.8	75
253	Long-lasting rescue of age-associated deficits in cognition and the CNS cholinergic phenotype by a partial agonist peptidomimetic ligand of TrkA. <i>Journal of Neuroscience</i> , 2004 , 24, 8009-18	6.6	75
252	Stereochemically matched (and mismatched) bisphosphine ligands: DIOP-DIPAMP hybrids. <i>Organometallics</i> , 1992 , 11, 3588-3600	3.8	75
251	Alpha,omega-functionalized 2,4-dimethylpentane dyads and 2,4,6-trimethylheptane triads through asymmetric hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 1129-31	16.4	72
250	A new solid-phase linker for Suzuki coupling with concomitant macrocyclization: synthesis of β -Turn mimics. <i>Tetrahedron Letters</i> , 1999 , 40, 6527-6530	2	69
249	A .gamma.-Turn Structure Induced by 2S, 3S-2,3-Methanomethionine. <i>Journal of the American Chemical Society</i> , 1994 , 116, 799-800	16.4	69
248	Through-space ^{13}C - ^{19}F coupling can reveal conformations of modified BODIPY dyes. <i>Chemical Communications</i> , 1999 , 2501-2502	5.8	66
247	Aza-BODIPY dyes with enhanced hydrophilicity. <i>Chemical Communications</i> , 2015 , 51, 10664-7	5.8	65
246	Termination of DNA synthesis by novel 3'-modified-deoxyribonucleoside 5'-triphosphates. <i>Nucleic Acids Research</i> , 1994 , 22, 4259-67	20.1	65
245	Comparison of the Effects of (2S,3S)-2,3-Methanomethionine, (2R,3R)-2,3-Methanomethionine, and (2R,3R)-2,3-Methanophenylalanine on the Conformations of Small Peptides. <i>Journal of the American Chemical Society</i> , 1995 , 117, 3808-3819	16.4	64

- 244 Fluorescent proton sensors based on energy transfer. *Journal of Organic Chemistry*, **2011**, 76, 5219-28 4.2 61
- 243 Further evidence for the role of d.p.i.-p.pi. bonding in rhodium-mediated hydroborations. *Journal of the American Chemical Society*, **1991**, 113, 6139-6144 16.4 61
- 242 Optically active building blocks from the SPAC reaction: a completely asymmetric synthesis of (4S-cis)-5-(cyclohexylmethyl)-4-hydroxy-2-pyrrolidinone, a statine analog. *Journal of Organic Chemistry*, **1991**, 56, 2050-2058 4.2 61
- 241 Asymmetric syntheses of all four stereoisomers of 2,3-methanomethionine. *Journal of Organic Chemistry*, **1992**, 57, 5931-5936 4.2 60
- 240 Iridium-mediated asymmetric hydrogenation of 2,3-diphenylbutadiene: a revealing kinetic study. *Journal of the American Chemical Society*, **2003**, 125, 14212-3 16.4 59
- 239 Manipulation of substrate-controlled diastereoselectivities in hydroborations of acyclic allylamine derivatives. *Journal of Organic Chemistry*, **1991**, 56, 1027-1036 4.2 59
- 238 Synthesis and spectroscopic properties of rosamines with cyclic amine substituents. *Journal of Organic Chemistry*, **2008**, 73, 8711-8 4.2 58
- 237 Molecular basis of neurotrophin-receptor interactions. *Journal of Medicinal Chemistry*, **2003**, 46, 5277-918.3 57
- 236 Conformational Effects of Substituting Methionine with (2S,3S)-2,3-Methanomethionine in Phe-Met-Arg-Phe-NH₂. *Journal of the American Chemical Society*, **1995**, 117, 54-65 16.4 57
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- 233 PROTACs suppression of CDK4/6, crucial kinases for cell cycle regulation in cancer. *Chemical Communications*, **2019**, 55, 2704-2707 5.8 53
- 232 Water-soluble Nile Blue derivatives: syntheses and photophysical properties. *Chemistry - A European Journal*, **2009**, 15, 418-23 4.8 53
- 231 Double-targeting using a TrkC ligand conjugated to dipyrrometheneboron difluoride (BODIPY) based photodynamic therapy (PDT) agent. *Journal of Medicinal Chemistry*, **2013**, 56, 7608-14 8.3 52
- 230 SNAr Cyclizations To Form Cyclic Peptidomimetics of β -Turns. *Journal of the American Chemical Society*, **1998**, 120, 10768-10769 16.4 52
- 229 Synthesis of vicinal dimethyl chirons by asymmetric hydrogenation of trisubstituted alkenes. *Journal of the American Chemical Society*, **2009**, 131, 13236-7 16.4 51
- 228 An iterative route to "decorated" ethylene glycol-based linkers. *Chemical Communications*, **2006**, 1652-4 5.8 51
- 227 Kinetic resolutions of chiral unsaturated alcohols that cannot be resolved efficiently via enantioselective epoxidation. *Journal of the American Chemical Society*, **1990**, 112, 7434-7436 16.4 51

226	Reactions of triosmium clusters with organic compounds. <i>Polyhedron</i> , 1984 , 3, 1175-1225	2.7	51
225	Pyrrolinone-pyrrolidine oligomers as universal peptidomimetics. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12350-3	16.4	50
224	Regioselective and stereoselective nucleophilic addition to electrophilic vinylcyclopropanes. <i>Journal of Organic Chemistry</i> , 1987 , 52, 2046-2051	4.2	50
223	Synthesis of (S,R,R,S,R,S)-4,6,8,10,16,18- hexamethyldocosane from <i>Antitrogonus parvulus</i> via diastereoselective hydrogenations. <i>Organic Letters</i> , 2007 , 9, 1391-3	6.2	49
222	Solid-phase SN2 macrocyclization reactions to form beta-turn mimics. <i>Organic Letters</i> , 1999 , 1, 121-4	6.2	49
221	Substrate-controlled diastereoselectivities in catalyzed and uncatalyzed hydroborations of acyclic allylic alcohol derivatives: secondary orbital effects involving d.p.i.-p.p.i. interactions. <i>Journal of Organic Chemistry</i> , 1991 , 56, 1020-1027	4.2	49
220	Resin type can have important effects on solid phase asymmetricalkylation reactions. <i>Chemical Communications</i> , 1997 , 785-786	5.8	48
219	Iridium-Catalyzed Asymmetric Hydrogenation of Vinyl Ethers. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 979-983	5.6	48
218	Selective small molecule peptidomimetic ligands of TrkC and TrkA receptors afford discrete or complete neurotrophic activities. <i>Chemistry and Biology</i> , 2005 , 12, 1015-28		48
217	GREAT BALLS OF CARBON. <i>The Sciences</i> , 1991 , 31, 22-28		48
216	JM-PHOS Ligands: Second-Generation Phosphine Oxazolines for Asymmetric Catalysis. <i>Organic Letters</i> , 1999 , 1, 1745-1747	6.2	47
215	A method for removal of N-BOC protecting groups from substrates on TFA-sensitive resins. <i>Tetrahedron Letters</i> , 1998 , 39, 7439-7442	2	45
214	Syntheses, photophysical properties, and application of through-bond energy-transfer cassettes for biotechnology. <i>Chemistry - A European Journal</i> , 2006 , 12, 7816-26	4.8	45
213	Diastereocontrol in rhodium-catalyzed hydroboration of chiral acyclic allylic alcohol derivatives. <i>Tetrahedron Letters</i> , 1989 , 30, 395-398	2	45
212	Comparison Of Asymmetric Hydrogenations Of Unsaturated- Carboxylic Acids And -Esters. <i>ACS Catalysis</i> , 2013 , 3, 237-249	13.1	43
211	Biocatalytic resolutions of .alpha.-methylene-.beta.-hydroxy esters and ketones. <i>Journal of Organic Chemistry</i> , 1990 , 55, 1138-1139	4.2	43
210	Fluorescent cassettes for monitoring three-component interactions in vitro and in living cells. <i>Journal of the American Chemical Society</i> , 2009 , 131, 9156-7	16.4	42
209	Rapid and efficient solid phase syntheses of cyclic peptides with endocyclic biaryl ether bonds. <i>Tetrahedron Letters</i> , 1997 , 38, 3345-3348	2	42

208	Asymmetric hydrogenation approaches to valuable, acyclic 1,3-hydroxymethyl chirons. <i>Journal of the American Chemical Society</i> , 2008 , 130, 8894-5	16.4	42
207	Synthesis and spectroscopic properties of 2-ketopyrroleBF ₂ complexes: a new class of fluorescent dye. <i>Tetrahedron Letters</i> , 2000 , 41, 2303-2307	2	42
206	Synthesis and solution conformation of cyclo[RGDRGD]: a cyclic peptide with selectivity for the alpha V beta 3 receptor. <i>Journal of Medicinal Chemistry</i> , 1996 , 39, 4520-6	8.3	42
205	Ruthenium-catalyzed hydroborations of alkenes. <i>Organometallics</i> , 1993 , 12, 4197-4200	3.8	42
204	A combinatorial method for solution-phase synthesis of labeled bivalent beta-turn mimics. <i>Journal of the American Chemical Society</i> , 2008 , 130, 556-65	16.4	41
203	Stereoselective hydrogenations of aryl-substituted dienes. <i>Chemical Communications</i> , 2005 , 672-4	5.8	41
202	On the Mechanisms of Uptake of Tumor-Seeking Cyanine Dyes. <i>Bioconjugate Chemistry</i> , 2018 , 29, 3886-3895	38.5	41
201	Bivalent peptidomimetic ligands of TrkC are biased agonists and selectively induce neuritogenesis or potentiate neurotrophin-3 trophic signals. <i>ACS Chemical Biology</i> , 2009 , 4, 769-81	4.9	40
200	A route to several stereoisomers of castanospermine. <i>Journal of Organic Chemistry</i> , 1992 , 57, 1103-1109	4.2	40
199	Solution- and solid-phase syntheses of substituted guanidinocarboxylic acids. <i>ACS Combinatorial Science</i> , 2000 , 2, 276-81		39
198	Solid-Phase SNAr Macrocyclizations To Give Turn-Extended-Turn Peptidomimetics. <i>Chemistry - A European Journal</i> , 1999 , 5, 3261-3272	4.8	39
197	A facile route to homochiral sulfoxides. <i>Tetrahedron Letters</i> , 1989 , 30, 3633-3636	2	39
196	Fluorescent amino- and thiopyronin dyes. <i>Organic Letters</i> , 2008 , 10, 1779-82	6.2	38
195	Synthesis of a valuable cyclopropyl chiron for preparations of 2,3-methanoamino acids. <i>Journal of Organic Chemistry</i> , 1993 , 58, 3767-3768	4.2	38
194	Lipase-mediated resolutions of SPAC reaction products. <i>Tetrahedron: Asymmetry</i> , 1990 , 1, 57-60		38
193	Conformational Preferences of RNase A C-Peptide Derivatives Containing a Highly Constrained Analogue of Phenylalanine. <i>Journal of the American Chemical Society</i> , 1998 , 120, 9435-9443	16.4	37
192	Enantioselective hydroborations catalyzed by rhodium(+1) complexes. <i>Tetrahedron: Asymmetry</i> , 1991 , 2, 613-621		37
191	In glaucoma the upregulated truncated TrkC.T1 receptor isoform in glia causes increased TNF-alpha production, leading to retinal ganglion cell death 2010 , 51, 6639-51		36

190	On formation of thiohydantoin from amino acids under acylation conditions. <i>Journal of Organic Chemistry</i> , 2006 , 71, 2507-9	4.2	35
189	Conjugate nucleophilic ring opening of activated vinylcyclopropanes facilitated by homogenous palladium catalysis. <i>Tetrahedron Letters</i> , 1985 , 26, 3049-3052	2	35
188	Synthesis and reactivity of triosmium clusters containing a 2-substituted pyridine moiety. <i>Journal of Organometallic Chemistry</i> , 1982 , 233, C55-C58	2.3	35
187	Small Molecule Inhibitors of the PCSK9LDLR Interaction. <i>Journal of the American Chemical Society</i> , 2018 , 140, 3242-3249	16.4	34
186	Aldol-type chirons from asymmetric hydrogenations of trisubstituted alkenes. <i>Organic Letters</i> , 2009 , 11, 2053-6	6.2	34
185	Syntheses and spectroscopic properties of energy transfer systems based on squaraines. <i>Tetrahedron</i> , 2003 , 59, 3109-3116	2.4	34
184	Optimized Heptamethine Cyanines for Photodynamic Therapy.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 1195-1205	4.2	34
183	Exploring key orientations at protein-protein interfaces with small molecule probes. <i>Journal of the American Chemical Society</i> , 2013 , 135, 167-73	16.4	33
182	Cyclic semipeptoids: peptoid-organic hybrid macrocycles. <i>Organic Letters</i> , 2006 , 8, 1259-62	6.2	32
181	Syntheses and activities of new C10 beta-turn peptidomimetics. <i>Journal of Organic Chemistry</i> , 2004 , 69, 701-13	4.2	31
180	Microwave-assisted syntheses of regioisomerically pure bromorhodamine derivatives. <i>Organic Letters</i> , 2003 , 5, 3675-7	6.2	31
179	Role of Albumin in Accumulation and Persistence of Tumor-Seeking Cyanine Dyes. <i>Bioconjugate Chemistry</i> , 2020 , 31, 248-259	6.3	31
178	QuatCy: A Heptamethine Cyanine Modification With Improved Characteristics. <i>Theranostics</i> , 2019 , 9, 2856-2867	12.1	30
177	Microwave-assisted functionalization of bromo-fluorescein and bromorhodamine derivatives. <i>Tetrahedron Letters</i> , 2003 , 44, 9359-9362	2	30
176	A Reagent for Determining Optical Purities of Diols by Formation of Diastereomeric Arylboronate Esters. <i>Angewandte Chemie International Edition in English</i> , 1994 , 33, 1182-1184		30
175	Metallation of 2-ethenylpyridine at triosmium clusters: X-ray crystal structures of the open trinuclear clusters [Os ₃ H(CO) ₉ L(NC ₅ H ₄ CHCH)](L = CO or PMe ₂ Ph). <i>Journal of the Chemical Society Dalton Transactions</i> , 1985 , 85-90		30
174	New Optically Active N-Heterocyclic Carbene Complexes for Hydrogenation: A Tale with an Atropisomeric Twist. <i>Organometallics</i> , 2007 , 26, 855-859	3.8	29
173	New templates for syntheses of ring-fused, C(10) beta-turn peptidomimetics leading to the first reported small-molecule mimic of neurotrophin-3. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 4387-90	8.3	29

172	Facile macrocyclizations to beta-turn mimics with diverse structural, physical, and conformational properties. <i>ACS Combinatorial Science</i> , 2001 , 3, 257-66		29
171	Small molecule and protein-based neurotrophic ligands: agonists and antagonists as therapeutic agents. <i>Expert Opinion on Therapeutic Patents</i> , 1999 , 9, 737-751	6.8	29
170	Subcutaneous injection of an analog of neuropeptide FF prevents naloxone-precipitated morphine abstinence syndrome. <i>Drug and Alcohol Dependence</i> , 1995 , 40, 37-42	4.9	29
169	Nucleophilic Aromatic Substitution: A Possible Key Step in Total Syntheses of Vancomycin. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1077-1078		29
168	On Titanium-Promoted Hydroborations of Alkenes by Borohydride and by Catecholborane. <i>Organometallics</i> , 1994 , 13, 3616-3620	3.8	29
167	Chitosan-Coated Poly(lactic-co-glycolic acid)-Diiodinated boron-Dipyrromethene Nanoparticles Improve Tumor Selectivity and Stealth Properties in Photodynamic Cancer Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2016 , 12, 1431-52	4	28
166	Chiral 1,3-cyclobutane amino acids: Syntheses and extended conformations. <i>Tetrahedron Letters</i> , 1997 , 38, 1681-1684	2	28
165	Synthesis of a new water-soluble rhodamine derivative and application to protein labeling and intracellular imaging. <i>Bioconjugate Chemistry</i> , 2006 , 17, 1219-25	6.3	28
164	Application of novel phosphine oxazoline ligands in asymmetric allylations of 4-acyloxy-2-pentene derivatives. <i>Tetrahedron: Asymmetry</i> , 1998 , 9, 2465-2469		27
163	Titanium-Mediated Additions of Borohydride to Alkenes. <i>Journal of the American Chemical Society</i> , 1994 , 116, 6561-6569	16.4	27
162	Substrate-controlled diastereoselectivity in catalyzed and uncatalyzed hydroborations of allylic amine derivatives. <i>Tetrahedron Letters</i> , 1989 , 30, 5857-5860	2	27
161	Asymmetric synthesis of 3-phenyl-2,3-methanophenylalanine developed by panning catalysts in a library format. <i>Chemical Communications</i> , 1998 , 2377-2378	5.8	26
160	On the Conformational Bias of F((2R,3S)-cyclo-M)RFa Induced by the cis-2,3-Methanomethionine Residue. <i>Journal of Organic Chemistry</i> , 1996 , 61, 8627-8631	4.2	26
159	Nicotine abstinence syndrome precipitated by an analog of neuropeptide FF. <i>Pharmacology Biochemistry and Behavior</i> , 1996 , 54, 581-5	3.9	26
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