

Kevin Burgess

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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
315	QuatCy-I and MHI-I in Photodynamic Therapy.. <i>ACS Medicinal Chemistry Letters</i> , 2022 , 13, 470-474	4.3	0
314	Hows and Whys of Tumor-Seeking Dyes. <i>Accounts of Chemical Research</i> , 2021 , 54, 2121-2131	24.3	9
313	Flavylium- and Silylrhodapolymethines In Excitation Multiplexing. <i>ChemPhotoChem</i> , 2021 , 5, 702-704	3.3	2
312	Preparation of Nano-ZrO ₂ powder via a microwave-assisted hydrothermal method. <i>Ceramics International</i> , 2021 , 47, 12425-12432	5.1	13
311	Piptides: New, Easily Accessible Chemotypes For Interactions With Biomolecules. <i>Angewandte Chemie</i> , 2021 , 133, 6727-6733	3.6	
310	Piptides: New, Easily Accessible Chemotypes For Interactions With Biomolecules. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6653-6659	16.4	0
309	PROTAC Compatibilities, Degrading Cell-Surface Receptors, and the Sticky Problem of Finding a Molecular Glue. <i>ChemMedChem</i> , 2021 , 16, 316-318	3.7	1
308	Fluorescent kinase inhibitors as probes in cancer. <i>Chemical Society Reviews</i> , 2021 , 50, 9794-9816	58.5	2
307	Unconventional Secondary Structure Mimics: Ladder-Rungs. <i>Angewandte Chemie</i> , 2020 , 132, 9484-9488	3.6	2
306	Blocking Coronavirus 19 Infection via the SARS-CoV-2 Spike Protein: Initial Steps. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 1076-1078	4.3	25
305	Unconventional Secondary Structure Mimics: Ladder-Rungs. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9398-9402	16.4	7
304	Role of Albumin in Accumulation and Persistence of Tumor-Seeking Cyanine Dyes. <i>Bioconjugate Chemistry</i> , 2020 , 31, 248-259	6.3	31
303	Striking Similarities between CDRs in Some mAbs That Neutralize COVID-19. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 1663-1666	4.3	2
302	Small molecules targeting the NEDD8-NAE protein-protein interaction. <i>Chemical Science</i> , 2020 , 12, 1535-1543	4.43	0
301	Cyanine-Gemcitabine Conjugates as Targeted Theranostic Agents for Glioblastoma Tumor Cells. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 9236-9245	8.3	20
300	TrkC-Targeted Kinase Inhibitors And PROTACs. <i>Molecular Pharmaceutics</i> , 2019 , 16, 4313-4318	5.6	13
299	Design criteria for minimalist mimics of protein-protein interface segments. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 908-915	3.9	9

298	Productive Manipulation of Cyanine Dye Networks. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8974-8976	16.4	11
297	QuatCy: A Heptamethine Cyanine Modification With Improved Characteristics. <i>Theranostics</i> , 2019 , 9, 2856-2867	12.1	30
296	Correlations between secondary structure- and protein-protein interface-mimicry: the interface mimicry hypothesis. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 3267-3274	3.9	14
295	A Near-IR Fluorescent Dasatinib Derivative That Localizes in Cancer Cells. <i>Bioconjugate Chemistry</i> , 2019 , 30, 1175-1181	6.3	17
294	PROTACs suppression of CDK4/6, crucial kinases for cell cycle regulation in cancer. <i>Chemical Communications</i> , 2019 , 55, 2704-2707	5.8	53
293	Protein labelling and albumin binding characteristics of the near-IR Cy7 fluorophore, QuatCy. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 7150-7154	3.9	2
292	Conjugation of Dasatinib with MHI-148 Has a Significant Advantageous Effect in Viability Assays for Glioblastoma Cells. <i>ChemMedChem</i> , 2019 , 14, 1575-1579	3.7	12
291	Produktive Modifikationen von Cyaninfarbstoff-Netzwerken. <i>Angewandte Chemie</i> , 2019 , 131, 9070-9073	3.6	2
290	A Near-Infrared Fluorescence Chemosensor Based on Isothiocyanate-Aza-BODIPY for Cyanide Detection at the Parts per Billion Level: Applications in Buffer Media and Living Cell Imaging. <i>ChemPlusChem</i> , 2019 , 84, 252-259	2.8	11
289	Small Molecule Inhibitors of the PCSK9/LDLR Interaction. <i>Journal of the American Chemical Society</i> , 2018 , 140, 3242-3249	16.4	34
288	Click-Addressable Cassette for Photoaffinity Labeling. <i>ACS Medicinal Chemistry Letters</i> , 2018 , 9, 155-158	4.3	6
287	A zwitterionic near-infrared dye linked TrkC targeting agent for imaging metastatic breast cancer. <i>MedChemComm</i> , 2018 , 9, 1754-1760	5	13
286	Targeted Maytansinoid Conjugate Improves Therapeutic Index for Metastatic Breast Cancer Cells. <i>Bioconjugate Chemistry</i> , 2018 , 29, 2920-2926	6.3	6
285	Site-Specific Labeling of Proteins with Near-IR Heptamethine Cyanine Dyes. <i>Molecules</i> , 2018 , 23,	4.8	16
284	On the Mechanisms of Uptake of Tumor-Seeking Cyanine Dyes. <i>Bioconjugate Chemistry</i> , 2018 , 29, 3886-3895	3.5	41
283	Optimized Heptamethine Cyanines for Photodynamic Therapy.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 1195-1205	4.2	34
282	Interplay Of Stereochemistry, Conformational Rigidity, And Ease Of Synthesis For 13-Membered Cyclic Peptidomimetics Containing APC Residues. <i>ACS Combinatorial Science</i> , 2017 , 19, 414-421	3.9	5
281	Novel Small Molecule Probes for Metastatic Melanoma. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 179-184	4.3	8

280	An agent for optical imaging of TrkC-expressing, breast cancer. <i>MedChemComm</i> , 2017 , 8, 1946-1952	5	6
279	Near-infrared aza-BODIPY fluorescent probe for selective Cu detection and its potential in living cell imaging. <i>Dalton Transactions</i> , 2017 , 46, 16251-16256	4.3	21
278	Heterogeneous Phase Transfer Catalysis in Solid Phase Syntheses of Anth-Cyclic Tetrapeptides. <i>Journal of Organic Chemistry</i> , 2016 , 81, 8077-81	4.2	1
277	Tropomyosin Receptor Kinase C Targeted Delivery of a Peptidomimetic Ligand-Photosensitizer Conjugate Induces Antitumor Immune Responses Following Photodynamic Therapy. <i>Scientific Reports</i> , 2016 , 6, 37209	4.9	15
276	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
275	Small Molecules for Active Targeting in Cancer. <i>Medicinal Research Reviews</i> , 2016 , 36, 494-575	14.4	84
274	Anthranilic acid-containing cyclic tetrapeptides: at the crossroads of conformational rigidity and synthetic accessibility. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 5049-58	3.9	12
273	Oligoethylene glycol-substituted aza-BODIPY dyes as red emitting ER-probes. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 8271-6	3.9	20
272	Extended piperidine-piperidinone protein interface mimics. <i>Journal of Organic Chemistry</i> , 2015 , 80, 4450-8	4.2	3
271	Targeted PDT agent eradicates TrkC expressing tumors via photodynamic therapy (PDT). <i>Molecular Pharmaceutics</i> , 2015 , 12, 212-22	5.6	23
270	Aza-BODIPY dyes with enhanced hydrophilicity. <i>Chemical Communications</i> , 2015 , 51, 10664-7	5.8	65
269	Protein-protein interface mimicry by an oxazoline piperidine-2,4-dione. <i>Organic Letters</i> , 2015 , 17, 632-5	6.2	14
268	Metathesis for catalyst design: metacatalysis. <i>Tetrahedron</i> , 2014 , 70, 1326-1335	2.4	4
267	In vivo studies of nanostructure-based photosensitizers for photodynamic cancer therapy. <i>Small</i> , 2014 , 10, 4993-5013	11	79
266	A multifaceted secondary structure mimic based on piperidine-piperidinones. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3594-8	16.4	24
265	Small Molecule Probes That Perturb A Protein-protein Interface In Antithrombin. <i>Chemical Science</i> , 2014 , 5, 4914-4921	9.4	18
264	A chemoselective route to β -enamino esters and thioesters. <i>Organic Letters</i> , 2014 , 16, 2108-10	6.2	25
263	Rosamines targeting the cancer oxidative phosphorylation pathway. <i>PLoS ONE</i> , 2014 , 9, e82934	3.7	11

262	Combinatorial assembly of small molecules into bivalent antagonists of TrkC or TrkA receptors. <i>PLoS ONE</i> , 2014 , 9, e89617	3.7	10
261	Homo-Roche ester derivatives by asymmetric hydrogenation and organocatalysis. <i>Journal of Organic Chemistry</i> , 2013 , 78, 11948-55	4.2	6
260	Comparison Of Asymmetric Hydrogenations Of Unsaturated- Carboxylic Acids And -Esters. <i>ACS Catalysis</i> , 2013 , 3, 237-249	13.1	43
259	Organometallic chemistry. <i>Annual Reports on the Progress of Chemistry Section B</i> , 2013 , 109, 207		1
258	A comparison between oxazoline-imidazolinylidene, -imidazolylidene, -benzimidazolylidene hydrogenation catalysts. <i>Journal of Organic Chemistry</i> , 2013 , 78, 9969-74	4.2	24
257	Double-targeting using a TrkC ligand conjugated to dipyrrometheneboron difluoride (BODIPY) based photodynamic therapy (PDT) agent. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 7608-14	8.3	52
256	Evaluating minimalist mimics by exploring key orientations on secondary structures (EKOS). <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 7789-801	3.9	24
255	Highly Stereoselective Syntheses of All 1,2,3-Me,OH,Me Triads via Asymmetric Hydrogenation Reactions. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 107-115	5.6	6
254	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
253	Expanding the scope of oligo-pyrrolinone-pyrrolidines as protein-protein interface mimics. <i>Journal of Organic Chemistry</i> , 2013 , 78, 4823-33	4.2	7
252	BODIPY dyes in photodynamic therapy. <i>Chemical Society Reviews</i> , 2013 , 42, 77-88	58.5	1400
251	Omegatides: constrained analogs of peptide primary sequence. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 921-4	3.9	5
250	Iridium catalyzed enantioselective hydrogenation of haloalkoxy and haloalkoxy vinyl ethers. <i>RSC Advances</i> , 2012 , 2, 4728	3.7	13
249	Filling gaps in asymmetric hydrogenation methods for acyclic stereocontrol: application to chiron for polyketide-derived natural products. <i>Accounts of Chemical Research</i> , 2012 , 45, 1623-36	24.3	105
248	Small Molecule Ligands For Active Targeting Of TrkC-expressing Tumor Cells. <i>ACS Medicinal Chemistry Letters</i> , 2012 , 3, 1008-1012	4.3	8
247	Pyrrole-based scaffolds for turn mimics. <i>Organic Letters</i> , 2011 , 13, 980-3	6.2	25
246	Brilliant BODIPY-fluorene Copolymers With Dispersed Absorption and Emission Maxima. <i>Macromolecules</i> , 2011 , 44, 4012-4015	5.5	83
245	Minimalist and universal peptidomimetics. <i>Chemical Society Reviews</i> , 2011 , 40, 4411-21	58.5	82

244	Highly efficient and photostable photonic materials from diiodinated BODIPY laser dyes. <i>Optical Materials Express</i> , 2011 , 1, 243	2.6	21
243	Pyrrolinone-pyrrolidine oligomers as universal peptidomimetics. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12350-3	16.4	50
242	Universal peptidomimetics. <i>Journal of the American Chemical Society</i> , 2011 , 133, 462-77	16.4	121
241	Energy transfer cassettes in silica nanoparticles target intracellular organelles. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 3871-7	3.9	4
240	Continuous flow biocatalytic resolutions of methyl sulfinylacetates. <i>Tetrahedron Letters</i> , 2011 , 52, 6325-6327	4	
239	Cationic polyfluorenes for intracellular delivery of proteins. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 6513-8	3.9	3
238	Encapsulated energy-transfer cassettes with extremely well resolved fluorescent outputs. <i>Journal of the American Chemical Society</i> , 2011 , 133, 51-5	16.4	103
237	Fluorescent proton sensors based on energy transfer. <i>Journal of Organic Chemistry</i> , 2011 , 76, 5219-28	4.2	61
236	Asymmetric syntheses of α -methyl β -amino acid derivatives. <i>Journal of Organic Chemistry</i> , 2011 , 76, 7449-57	4.2	16
235	Organelle-selective energy transfer: a fluorescent indicator of intracellular environment. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 1849-51	2.9	8
234	A combinatorial approach for targeted delivery using small molecules and reversible masking to bypass nonspecific uptake in vivo. <i>Gene Therapy</i> , 2010 , 17, 1085-97	4	19
233	Fluorescent indicators for intracellular pH. <i>Chemical Reviews</i> , 2010 , 110, 2709-28	68.1	1264
232	Bivalent diketopiperazine-based tropomyosin receptor kinase C (TrkC) antagonists. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 5044-8	8.3	17
231	In glaucoma the upregulated truncated TrkC.T1 receptor isoform in glia causes increased TNF- α production, leading to retinal ganglion cell death 2010 , 51, 6639-51		36
230	Carbene-metal hydrides can be much less acidic than phosphine-metal hydrides: significance in hydrogenations. <i>Journal of the American Chemical Society</i> , 2010 , 132, 6249-53	16.4	86
229	A monovalent agonist of TrkA tyrosine kinase receptors can be converted into a bivalent antagonist. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010 , 1800, 1018-26	4	12
228	Intracellular imaging of organelles with new water-soluble benzophenoxazine dyes. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 2052-9	3.9	24
227	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

226	An asymmetric hydrogenation route to (-)-spongidepsin. <i>Organic Letters</i> , 2010 , 12, 4392-5	6.2	25
225	Water-soluble Nile Blue derivatives: syntheses and photophysical properties. <i>Chemistry - A European Journal</i> , 2009 , 15, 418-23	4.8	53
224	Energy transfer dyads based on Nile Red. <i>Tetrahedron Letters</i> , 2009 , 50, 6442-6445	2	15
223	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
222	Aldol-type chirons from asymmetric hydrogenations of trisubstituted alkenes. <i>Organic Letters</i> , 2009 , 11, 2053-6	6.2	34
221	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
220	A ratiometric pH reporter for imaging protein-dye conjugates in living cells. <i>Journal of the American Chemical Society</i> , 2009 , 131, 1642-3	16.4	178
219	Synthesis of vicinal dimethyl chirons by asymmetric hydrogenation of trisubstituted alkenes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 13236-7	16.4	51
218	A peptidomimetic of NT-3 acts as a TrkC antagonist. <i>Peptides</i> , 2009 , 30, 1833-9	3.8	15
217	Photophysics and stability of cyano-substituted boradiazaindacene dyes. <i>Photochemical and Photobiological Sciences</i> , 2009 , 8, 1006-15	4.2	22
216	3- and 5-Functionalized BODIPYs via the Liebeskind-Srogl reaction. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 34-6	3.9	83
215	New cytotoxic rosamine derivatives selectively accumulate in the mitochondria of cancer cells. <i>Anti-Cancer Drugs</i> , 2009 , 20, 461-8	2.4	13
214	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
213	Syntheses and spectral properties of functionalized, water-soluble BODIPY derivatives. <i>Journal of Organic Chemistry</i> , 2008 , 73, 1963-70	4.2	193
212	Syntheses of highly fluorescent GFP-chromophore analogues. <i>Journal of the American Chemical Society</i> , 2008 , 130, 4089-96	16.4	177
211	Non-covalent delivery of proteins into mammalian cells. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 4516-22	3.9	23
210	B,O-chelated azadipyrrromethenes as near-IR probes. <i>Organic Letters</i> , 2008 , 10, 4771-4	6.2	137
209	Lipid diffusion from single molecules of a labeled protein undergoing dynamic association with giant unilamellar vesicles and supported bilayers. <i>Langmuir</i> , 2008 , 24, 844-50	4	22

208	Fluorescent amino- and thiopyronin dyes. <i>Organic Letters</i> , 2008 , 10, 1779-82	6.2	38
207	Asymmetric hydrogenation approaches to valuable, acyclic 1,3-hydroxymethyl chiron. <i>Journal of the American Chemical Society</i> , 2008 , 130, 8894-5	16.4	42
206	Iridium-Catalyzed Asymmetric Hydrogenation of Vinyl Ethers. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 979-983	5.6	48
205	Functionalization of the 4,4-difluoro-4-bora-3a,4a-diaza-s-indacene (BODIPY) core. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 3112-6	2.9	137
204	Functionalized BF(2) Chelated Azadipyrrromethene Dyes. <i>Tetrahedron</i> , 2008 , 64, 3642-3654	2.4	103
203	Synthesis and spectroscopic properties of rosamines with cyclic amine substituents. <i>Journal of Organic Chemistry</i> , 2008 , 73, 8711-8	4.2	58
202	A new synthesis of symmetric boraindacene (BODIPY) dyes. <i>Chemical Communications</i> , 2008 , 4933-5	5.8	90
201	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
200	Asymmetric hydrogenation routes to deoxypolyketide chiron. <i>Chemistry - A European Journal</i> , 2007 , 13, 7162-70	4.8	81
199	Chemiluminescent energy-transfer cassettes based on fluorescein and nile red. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 1684-7	16.4	92
198	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
197	Base dependence in copper-catalyzed Huisgen reactions: efficient formation of bistriazoles. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3649-51	16.4	95
196	BODIPY dyes and their derivatives: syntheses and spectroscopic properties. <i>Chemical Reviews</i> , 2007 , 107, 4891-932	68.1	3780
195	Spectral dispersion and water solubilization of BODIPY dyes via palladium-catalyzed C-H functionalization. <i>Organic Letters</i> , 2007 , 9, 2135-8	6.2	96
194	Peptidomimetics via copper-catalyzed azide-alkyne cycloadditions. <i>Chemical Society Reviews</i> , 2007 , 36, 1674-89	58.5	500
193	ENitrido-Bis(Triphenylphosphorus) (1+) ECarbonyl-Decacarbonyl-EHydridotriosmate(1-). <i>Inorganic Syntheses</i> , 2007 , 236-237		2
192	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
191	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

190	An iterative route to "decorated" ethylene glycol-based linkers. <i>Chemical Communications</i> , 2006 , 1652-4	5.8	51
189	On formation of thiohydantoin from amino acids under acylation conditions. <i>Journal of Organic Chemistry</i> , 2006 , 71, 2507-9	4.2	35
188	Heterovalent selectivity and the combinatorial advantage. <i>Chemical Society Reviews</i> , 2006 , 35, 416-23	58.5	17
187	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
186	Syntheses and properties of water-soluble Nile Red derivatives. <i>Journal of Organic Chemistry</i> , 2006 , 71, 7835-9	4.2	86
185	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
184	Water-soluble through-bond energy transfer cassettes for intracellular imaging. <i>Journal of the American Chemical Society</i> , 2006 , 128, 10688-9	16.4	111
183	Cyclic semipeptoids: peptoid-organic hybrid macrocycles. <i>Organic Letters</i> , 2006 , 8, 1259-62	6.2	32
182	4,4-Difluoro-1,3,5,7-tetramethyl-4-bora-3a,4a-diaza-s-indacene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o4310-o4311		15
181	A diversity oriented synthesis of 3'-O-modified nucleoside triphosphates for DNA 'sequencing by synthesis'. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 3902-5	2.9	16
180	Benzophenoxazine-based fluorescent dyes for labeling biomolecules. <i>Tetrahedron</i> , 2006 , 62, 11021-11037	37.4	165
179	Stereoselective hydrogenations of aryl-substituted dienes. <i>Chemical Communications</i> , 2005 , 672-4	5.8	41
178	Ring closure to beta-turn mimics via copper-catalyzed azide/alkyne cycloadditions. <i>Journal of Organic Chemistry</i> , 2005 , 70, 9595-8	4.2	129
177	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
176	Beta-turn peptidomimetics incorporating i+1-i+3 residues: solid phase syntheses and conformational properties. <i>Tetrahedron: Asymmetry</i> , 2005 , 16, 1061-1069		12
175	Catalytic homogeneous asymmetric hydrogenations of largely unfunctionalized alkenes. <i>Chemical Reviews</i> , 2005 , 105, 3272-96	68.1	445
174	Mechanistic insights into iridium-catalyzed asymmetric hydrogenation of dienes. <i>Chemistry - A European Journal</i> , 2005 , 11, 6859-68	4.8	84
173	Preparation of 5- and 6-Carboxyfluorescein. <i>Synthesis</i> , 2004 , 2004, 2591-2593	2.9	8

172	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
171	On the stability of furanopyrimidin-2-one bases in oligonucleotides. <i>Chemical Communications</i> , 2004 , 1304-5	5.8	3
170	Electronic effects steer the mechanism of asymmetric hydrogenations of unfunctionalized aryl-substituted alkenes. <i>Journal of the American Chemical Society</i> , 2004 , 126, 16688-9	16.4	135
169	A blue-to-red energy-transfer thymidine analogue that functions in DNA. <i>Organic Letters</i> , 2004 , 6, 1701-4	6.2	13
168	Syntheses and activities of new C10 beta-turn peptidomimetics. <i>Journal of Organic Chemistry</i> , 2004 , 69, 701-13	4.2	31
167	Chiral Imidazolyldine Ligands for Asymmetric Catalysis. <i>ACS Symposium Series</i> , 2004 , 61-84	0.4	0
166	Metal-catalyzed epoxidations of alkenes with hydrogen peroxide. <i>Chemical Reviews</i> , 2003 , 103, 2457-73	68.1	949
165	Anthracene-BODIPY cassettes: syntheses and energy transfer. <i>Chemistry - A European Journal</i> , 2003 , 9, 4430-41	4.8	242
164	Rigid, conjugated, fluoresceinated thymidine triphosphates: syntheses and polymerase mediated incorporation into DNA analogues. <i>Chemistry - A European Journal</i> , 2003 , 9, 4603-10	4.8	90
163	Microwave-assisted functionalization of bromo-fluorescein and bromorhodamine derivatives. <i>Tetrahedron Letters</i> , 2003 , 44, 9359-9362	2	30
162	Syntheses and spectroscopic properties of energy transfer systems based on squaraines. <i>Tetrahedron</i> , 2003 , 59, 3109-3116	2.4	34
161	Chiral N-heterocyclic carbene-transition metal complexes in asymmetric catalysis. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 951-961		459
160	Oligonucleotides with strongly fluorescent groups pi-conjugated to a nucleobase: syntheses, melting temperatures, and conformation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003 , 13, 2785-8	2.9	9
159	Syntheses of regioisomerically pure 5- or 6-halogenated fluoresceins. <i>Journal of Organic Chemistry</i> , 2003 , 68, 8264-7	4.2	25
158	Iridium-mediated asymmetric hydrogenation of 2,3-diphenylbutadiene: a revealing kinetic study. <i>Journal of the American Chemical Society</i> , 2003 , 125, 14212-3	16.4	59
157	Selective formation of homo- and heterobivalent peptidomimetics. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 3565-7	8.3	12
156	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
155	Fluorescent, through-bond energy transfer cassettes for labeling multiple biological molecules in one experiment. <i>Journal of the American Chemical Society</i> , 2003 , 125, 14668-9	16.4	168

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5	Reactions of triosmium clusters with organic azides; x-ray crystal structures of [Os ₃ (CO) ₁₀ (NCMe)(N ₃ COPh)], [Os ₃ (μ -H)(CO) ₁₀ (HN ₃ Ph)], and [Os ₃ (μ -H) ₂ (CO) ₉ (μ_3 -NPh)]. <i>Journal of Organometallic Chemistry</i> , 1982 , 224, C40-C44	2.3	16
4	The Synthesis of Condensed Quinolizinium Systems. <i>Heterocycles</i> , 1981 , 15, 1175	0.8	9
3	Addendum to "New simulation of a delayor for polynomial inputs". <i>Proceedings of the IEEE</i> , 1970 , 58, 151-152	14.3	
2	Organometallics131-140		
1	Fluorescent PARP Inhibitors Applied To Intracranial Glioblastoma: Accumulation and Persistence In Vivo. <i>ACS Medicinal Chemistry Letters</i> ,	4.3	