

# Seung Bum Park

## 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.

184  
papers

6,857  
citations

44  
h-index

76  
g-index

216  
ext. papers

7,677  
ext. citations

6.7  
avg, IF

5.96  
L-index

#	Paper	IF	Citations
184	Label-Free Target Identification Reveals the Anticancer Mechanism of a Rhenium Isonitrile Complex.. <i>Frontiers in Chemistry</i> , <b>2022</b> , 10, 850638	5	0
183	Design and Synthesis of Conformationally Diverse Pyrimidine-Embedded Medium/Macro- and Bridged Cycles Skeletal Transformation.. <i>Frontiers in Chemistry</i> , <b>2022</b> , 10, 841250	5	
182	Small-molecule modulators of protein-RNA interactions.. <i>Current Opinion in Chemical Biology</i> , <b>2022</b> , 68, 102149	9.7	2
181	Host immunomodulatory lipids created by symbionts from dietary amino acids. <i>Nature</i> , <b>2021</b> , 600, 302-307	37.4	12
180	Harnessing stress granule formation by small molecules to inhibit the cellular replication of SARS-CoV-2. <i>Chemical Communications</i> , <b>2021</b> , 57, 12476-12479	5.8	1
179	Recent advances in identifying protein targets in drug discovery. <i>Cell Chemical Biology</i> , <b>2021</b> , 28, 394-423	3.2	17
178	Phenotypic Discovery of Neuroprotective Agents by Regulation of Tau Proteostasis via Stress-Responsive Activation of PERK Signaling. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 1859-1866	3.6	
177	Phenotypic Discovery of Neuroprotective Agents by Regulation of Tau Proteostasis via Stress-Responsive Activation of PERK Signaling. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 1831-1838	16.4	6
176	The blockade of cytoplasmic HMGB1 modulates the autophagy/apoptosis checkpoint in stressed islet beta cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 534, 1053-1058	3.4	1
175	Innentitelbild: Phenotypic Discovery of Neuroprotective Agents by Regulation of Tau Proteostasis via Stress-Responsive Activation of PERK Signaling (Angew. Chem. 4/2021). <i>Angewandte Chemie</i> , <b>2021</b> , 133, 1686-1686	3.6	
174	Recent advances in the development of covalent inhibitors. <i>RSC Medicinal Chemistry</i> , <b>2021</b> , 12, 1037-1045	3.5	7
173	Phenotypic Discovery of SB1501, an Anti-obesity Agent, through Modulating Mitochondrial Activity. <i>ChemMedChem</i> , <b>2021</b> , 16, 1104-1115	3.7	0
172	Callyspongiolide kills cells by inducing mitochondrial dysfunction via cellular iron depletion. <i>Communications Biology</i> , <b>2021</b> , 4, 1123	6.7	0
171	Nature-inspired remodeling of (aza)indoles to meta-aminoaryl nicotines for late-stage conjugation of vitamin B to (hetero)arylamines. <i>Nature Communications</i> , <b>2020</b> , 11, 6308	17.4	5
170	Intravital longitudinal imaging of hepatic lipid droplet accumulation in a murine model for nonalcoholic fatty liver disease. <i>Biomedical Optics Express</i> , <b>2020</b> , 11, 5132-5146	3.5	10
169	Discovery of Small-Molecule Modulators of Protein-RNA Interactions by Fluorescence Intensity-Based Binding Assay. <i>ChemBioChem</i> , <b>2020</b> , 21, 818-824	3.8	8
168	Phenotypic Discovery of an Antivirulence Agent against via Modulation of Quorum-Sensing Regulator SmcR. <i>ACS Infectious Diseases</i> , <b>2020</b> , 6, 3076-3082	5.5	4

167	Two-Photon and Multicolor Fluorogenic Bioorthogonal Probes Based on Tetrazine-Conjugated Naphthalene Fluorophores. <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 1545-1550	6.3	6
166	Development of Azo-Based Turn-On Chemical Array System for Hydrazine Detection with Fluorescence Pattern Analysis. <i>ACS Omega</i> , <b>2019</b> , 4, 14875-14885	3.9	8
165	A divergent synthetic pathway for pyrimidine-embedded medium-sized azacycles through an N-quaternizing strategy. <i>Chemical Science</i> , <b>2019</b> , 10, 569-575	9.4	13
164	Retraction notice to "Polo-like kinase 2 gene expression is regulated by the orphan nuclear receptor estrogen receptor-related receptor gamma (ERR $\gamma$ )" [Biochem. Biophys. Res. Commun. 362 (1) (2007) 107-113]. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 515, 725	3.4	
163	High mobility group box 1 secretion blockade results in the reduction of early pancreatic islet graft loss. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 514, 1081-1086	3.4	10
162	Development of $\beta$ GalCer Analogues with an $\beta$ Fluorocarbonyl Moiety as Th2-Selective Ligands of CD1d. <i>ACS Medicinal Chemistry Letters</i> , <b>2019</b> , 10, 773-779	4.3	6
161	Label-free target identification in drug discovery via phenotypic screening. <i>Current Opinion in Chemical Biology</i> , <b>2019</b> , 50, 66-72	9.7	20
160	Improved Th17 Selectivity of $\beta$ Galactosylceramide via Noncovalent Interactions with Diether Moiety. <i>ACS Medicinal Chemistry Letters</i> , <b>2019</b> , 10, 720-725	4.3	4
159	Structural basis for the inhibitory effects of a novel reversible covalent ligand on PPAR $\alpha$ phosphorylation. <i>Scientific Reports</i> , <b>2019</b> , 9, 11168	4.9	7
158	Phenotype-based discovery of a HeLa-specific cytotoxic molecule that downregulates HPV-mediated signaling pathways via oxidative damage. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 7388-7397	3.9	1
157	Identification of a novel turn-on albumin binding small-molecule bioprobe in live zebrafish and its potential application in drug discovery. <i>Dyes and Pigments</i> , <b>2019</b> , 171, 107720	4.6	1
156	Label-free target identification reveals oxidative DNA damage as the mechanism of a selective cytotoxic agent. <i>Chemical Science</i> , <b>2019</b> , 10, 3449-3458	9.4	14
155	A validated UPLC-MS/MS method for pharmacokinetic study of inflachromene, a novel microglia inhibitor. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 166, 183-188	3.5	1
154	Rational Design and Synthesis of Reversible Covalent PPAR $\alpha$ Antagonistic Ligands Inhibiting Ser273 Phosphorylation. <i>Asian Journal of Organic Chemistry</i> , <b>2019</b> , 8, 1698-1706	3	7
153	Structural Basis for the Enhanced Anti-Diabetic Efficacy of Lobeglitazone on PPAR $\alpha$ <i>Scientific Reports</i> , <b>2018</b> , 8, 31	4.9	41
152	Phenotype-Based High-Content Screening Using Fluorescent Chemical Bioprobes: Lipid Droplets and Glucose Uptake Quantification in Live Cells. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1787, 223-234	1.4	0
151	Monochromophoric Design Strategy for Tetrazine-Based Colorful Bioorthogonal Probes with a Single Fluorescent Core Skeleton. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 974-983	16.4	65
150	Restoring Let-7 microRNA Biogenesis Using a Small-Molecule Inhibitor of the Protein-RNA Interaction. <i>ACS Medicinal Chemistry Letters</i> , <b>2018</b> , 9, 1181-1185	4.3	13

149	A Brief Overview of Two Major Strategies in Diversity-Oriented Synthesis: Build/Couple/Pair and Ring-Distortion. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 507	5	33
148	Near-IR Fluorescent Tracer for Glucose-Uptake Monitoring in Live Cells. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 3394-3401	6.3	14
147	Gold-Catalyzed Unexpected Ring Transformation of Pyrimidodiazepine Derivatives. <i>Organic Letters</i> , <b>2017</b> , 19, 344-347	6.2	8
146	Development of fluorescent mitochondria probe based on 1,2-dihydropyrrolo[3,4- b ]indolizine-3-one. <i>Dyes and Pigments</i> , <b>2017</b> , 145, 461-468	4.6	12
145	Synthesis of 3,5-Disubstituted Isoxazoles Containing Privileged Substructures with a Diverse Display of Polar Surface Area. <i>ACS Combinatorial Science</i> , <b>2017</b> , 19, 407-413	3.9	10
144	Structural basis for differential activities of enantiomeric PPAR $\alpha$ agonists: Binding of S35 to the alternate site. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2017</b> , 1865, 674-681	4	29
143	Treatment of Sepsis Pathogenesis with High Mobility Group Box Protein 1-Regulating Anti-inflammatory Agents. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 170-179	8.3	21
142	Label-free target identification using in-gel fluorescence difference thermal stability shift. <i>Chemical Science</i> , <b>2017</b> , 8, 1127-1133	9.4	25
141	Diversity-oriented synthetic strategy for developing a chemical modulator of protein-protein interaction. <i>Nature Communications</i> , <b>2016</b> , 7, 13196	17.4	33
140	BOIMPY: Fluorescent Boron Complexes with Tunable and Environment-Responsive Light-Emitting Properties. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 17321-17328	4.8	28
139	A novel small-molecule agonist of PPAR $\alpha$ potentiates an anti-inflammatory M2 glial phenotype. <i>Neuropharmacology</i> , <b>2016</b> , 109, 159-169	5.5	25
138	Nonspecific protein labeling of photoaffinity linkers correlates with their molecular shapes in living cells. <i>Chemical Communications</i> , <b>2016</b> , 52, 5828-31	5.8	20
137	PPAR $\alpha$ Antagonist Gleevec Improves Insulin Sensitivity and Promotes the Browning of White Adipose Tissue. <i>Diabetes</i> , <b>2016</b> , 65, 829-39	0.9	59
136	Investigation of Specific Binding Proteins to Photoaffinity Linkers for Efficient Deconvolution of Target Protein. <i>ACS Chemical Biology</i> , <b>2016</b> , 11, 44-52	4.9	52
135	A pyrazolo[1,5-a]pyridine-fused pyrimidine based novel fluorophore and its bioapplication to probing lipid droplets. <i>Chemical Communications</i> , <b>2016</b> , 52, 7822-5	5.8	19
134	ETurn mimetic-based stabilizers of protein-protein interactions for the study of the non-canonical roles of leucyl-tRNA synthetase. <i>Chemical Science</i> , <b>2016</b> , 7, 2753-2761	9.4	4
133	A high-content screening platform with fluorescent chemical probes for the discovery of first-in-class therapeutics. <i>Chemical Communications</i> , <b>2016</b> , 52, 7433-45	5.8	8
132	Mechanistic elucidation guided by covalent inhibitors for the development of anti-diabetic PPAR $\alpha$ ligands. <i>Chemical Science</i> , <b>2016</b> , 7, 5523-5529	9.4	29

131	Discovery of a Small-Molecule Inhibitor of Protein-MicroRNA Interaction Using Binding Assay with a Site-Specifically Labeled Lin28. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 13630-13638	16.4	35
130	Readily Accessible and Predictable Naphthalene-Based Two-Photon Fluorophore with Full Visible-Color Coverage. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 14166-70	4.8	8
129	Discovery, understanding, and bioapplication of organic fluorophore: a case study with an indolizine-based novel fluorophore, Seoul-Fluor. <i>Accounts of Chemical Research</i> , <b>2015</b> , 48, 538-47	24.3	169
128	Lipid-overloaded enlarged adipocytes provoke insulin resistance independent of inflammation. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 1686-99	4.8	138
127	Diverse display of non-covalent interacting elements using pyrimidine-embedded polyheterocycles. <i>Chemical Communications</i> , <b>2015</b> , 51, 13040-3	5.8	5
126	Unique photophysical properties of 9-styryl-1,2-dihydropyrrolo[3,4- <i>b</i> ]indolizin-3-one and its efficient synthesis via direct C-H activation. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 5202-8	3.9	9
125	Rational Improvement of Molar Absorptivity Guided by Oscillator Strength: A Case Study with Furoindolizine-Based Core Skeleton. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 15689-93	16.4	15
124	Rational Improvement of Molar Absorptivity Guided by Oscillator Strength: A Case Study with Furoindolizine-Based Core Skeleton. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 15915-15919	3.6	4
123	Orphan nuclear receptor oestrogen-related receptor $\alpha$ (ERR $\alpha$ ) plays a key role in hepatic cannabinoid receptor type 1-mediated induction of CYP7A1 gene expression. <i>Biochemical Journal</i> , <b>2015</b> , 470, 181-93	3.8	17
122	Oxidative Stress in Chronic Viral Hepatitis. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , <b>2015</b> , 241-277		
121	Phenotypic screening to identify small-molecule enhancers for glucose uptake: target identification and rational optimization of their efficacy. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 5102-6	16.4	16
120	Impact of molecular charge on GLUT-specific cellular uptake of glucose bioprobes and in vivo application of the glucose bioprobe, GB2-Cy3. <i>Chemical Communications</i> , <b>2014</b> , 50, 9251-4	5.8	25
119	Discovery of carbohybrid-based 2-aminopyrimidine analogues as a new class of rapid-acting antimalarial agents using image-based cytological profiling assay. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 7425-34	8.3	27
118	Privileged structures: efficient chemical "navigators" toward unexplored biologically relevant chemical spaces. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 14629-38	16.4	189
117	A novel non-agonist peroxisome proliferator-activated receptor $\alpha$ (PPAR $\alpha$ ) ligand UHC1 blocks PPAR $\alpha$ phosphorylation by cyclin-dependent kinase 5 (CDK5) and improves insulin sensitivity. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 26618-26629	5.4	62
116	Synthesis and library construction of privileged tetra-substituted $\beta$ -2-oxopiperazine as Eturn structure mimetics. <i>ACS Combinatorial Science</i> , <b>2014</b> , 16, 24-32	3.9	13
115	Rational perturbation of the fluorescence quantum yield in emission-tunable and predictable fluorophores (Seoul-Fluors) by a facile synthetic method involving C-H activation. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 1346-50	16.4	57
114	Phenotypic Screening to Identify Small-Molecule Enhancers for Glucose Uptake: Target Identification and Rational Optimization of Their Efficacy. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 5202-5206	3.6	4

113	Anti-inflammatory effects of $\beta$ -galactosylceramide analogs in activated microglia: involvement of the p38 MAPK signaling pathway. <i>PLoS ONE</i> , <b>2014</b> , 9, e87030	3.7	22
112	Inverse agonist of estrogen-related receptor $\beta$ controls Salmonella typhimurium infection by modulating host iron homeostasis. <i>Nature Medicine</i> , <b>2014</b> , 20, 419-24	50.5	102
111	A small molecule binding HMGB1 and HMGB2 inhibits microglia-mediated neuroinflammation. <i>Nature Chemical Biology</i> , <b>2014</b> , 10, 1055-60	11.7	76
110	Rational Perturbation of the Fluorescence Quantum Yield in Emission-Tunable and Predictable Fluorophores (Seoul-Fluors) by a Facile Synthetic Method Involving C-H Activation. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 1370-1374	3.6	18
109	Inverse agonist of nuclear receptor ERR $\beta$ mediates antidiabetic effect through inhibition of hepatic gluconeogenesis. <i>Diabetes</i> , <b>2013</b> , 62, 3093-102	0.9	52
108	Synthesis and biological evaluation of $\beta$ -galactosylceramide analogues with heteroaromatic rings and varying positions of a phenyl group in the sphingosine backbone. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 7100-9	8.3	10
107	Bio-inspired, melanin-like nanoparticles as a highly efficient contrast agent for T1-weighted magnetic resonance imaging. <i>Biomacromolecules</i> , <b>2013</b> , 14, 3491-7	6.9	117
106	Total synthesis of eryvarin H and its derivatives and their biological activity as ERR $\beta$ inverse agonist. <i>Organic and Biomolecular Chemistry</i> , <b>2013</b> , 11, 5782-6	3.9	7
105	Estrogen-related receptor gamma induces cardiac hypertrophy by activating GATA4. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2013</b> , 65, 88-97	5.8	34
104	Estrogen-related receptor $\beta$ controls hepatic CB1 receptor-mediated CYP2E1 expression and oxidative liver injury by alcohol. <i>Gut</i> , <b>2013</b> , 62, 1044-54	19.2	50
103	Privileged substructure-based diversity-oriented synthesis pathway for diverse pyrimidine-embedded polyheterocycles. <i>Organic Letters</i> , <b>2013</b> , 15, 5814-7	6.2	29
102	Optimization of Seoul-Fluor-based lipid droplet bioprobes and their application in microalgae for bio-fuel study. <i>Molecular BioSystems</i> , <b>2013</b> , 9, 952-6		24
101	Discovery of a highly selective FLT3 kinase inhibitor from phenotypic cell viability profiling. <i>MedChemComm</i> , <b>2013</b> , 4, 228-232	5	3
100	Fluorescent chemosensor for biological zinc ions. <i>Supramolecular Chemistry</i> , <b>2013</b> , 25, 2-6	1.8	6
99	Synthesis of molecular frameworks containing two distinct heterocycles connected in a single molecule with enhanced three-dimensional shape diversity. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 7100-8	4.8	6
98	Exploiting the mechanism of cellular glucose uptake to develop an image-based high-throughput screening system in living cells. <i>Chemical Communications</i> , <b>2013</b> , 49, 5138-40	5.8	14
97	From noncovalent to covalent bonds: a paradigm shift in target protein identification. <i>Molecular BioSystems</i> , <b>2013</b> , 9, 544-50		26
96	Discovery of autophagy modulators through the construction of a high-content screening platform via monitoring of lipid droplets. <i>Chemical Science</i> , <b>2013</b> , 4, 3282	9.4	18

95	Measurement of Lipid Droplet Accumulation Kinetics in <i>Chlamydomonas reinhardtii</i> Using Seoul-Fluor. <i>Energies</i> , <b>2013</b> , 6, 5703-5716	3.1	5
94	The O-glycosylation mutant osteopontin alters lung cancer cell growth and migration in vitro and in vivo. <i>International Journal of Molecular Medicine</i> , <b>2013</b> , 32, 1137-49	4.4	9
93	Family-selective detection of antibiotics using antibody-functionalized carbon nanotube sensors. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 166-167, 193-199	8.5	16
92	De novo analysis of protein N-terminal sequence utilizing MALDI signal enhancing derivatization with Br signature. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 402, 1911-9	4.4	13
91	Construction of polyheterocyclic benzopyran library with diverse core skeletons through diversity-oriented synthesis pathway: part II. <i>ACS Combinatorial Science</i> , <b>2012</b> , 14, 124-34	3.9	22
90	Regioselective construction and screening of 1,3-disubstituted tetrahydroindazolones in enantiomerically pure pairs. <i>ACS Combinatorial Science</i> , <b>2012</b> , 14, 66-74	3.9	8
89	Titelbild: Discovery and Target Identification of an Antiproliferative Agent in Live Cells Using Fluorescence Difference in Two-Dimensional Gel Electrophoresis (Angew. Chem. 22/2012). <i>Angewandte Chemie</i> , <b>2012</b> , 124, 5353-5353	3.6	
88	A Seoul-Fluor-based bioprobe for lipid droplets and its application in image-based high throughput screening. <i>Chemical Communications</i> , <b>2012</b> , 48, 2331-3	5.8	73
87	Photochemical generation of a new, highly fluorescent compound from non-fluorescent resveratrol. <i>Chemical Communications</i> , <b>2012</b> , 48, 3839-41	5.8	28
86	A selective Seoul-Fluor-based bioprobe, SfBP, for vaccinia H1-related phosphatase--a dual-specific protein tyrosine phosphatase. <i>Chemical Communications</i> , <b>2012</b> , 48, 6553-5	5.8	18
85	Heteroaromatic Moieties in the Sphingosine Backbone of $\beta$ -Galactosylceramides for Noncovalent Interactions with CD1d. <i>ACS Medicinal Chemistry Letters</i> , <b>2012</b> , 3, 151-4	4.3	11
84	Colorimetric and orange light-emitting fluorescent probe for pyrophosphate in water. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 5528-5530	2	12
83	Synthesis and biological evaluation of pyrimidine-based dual inhibitors of human epidermal growth factor receptor 1 (HER-1) and HER-2 tyrosine kinases. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 2846-57	8.3	24
82	Hypoxia induces PDK4 gene expression through induction of the orphan nuclear receptor ERR $\alpha$ . <i>PLoS ONE</i> , <b>2012</b> , 7, e46324	3.7	49
81	Antitumor activity of HM781-36B, a highly effective pan-HER inhibitor in erlotinib-resistant NSCLC and other EGFR-dependent cancer models. <i>International Journal of Cancer</i> , <b>2012</b> , 130, 2445-54	7.5	54
80	Discovery and Target Identification of an Antiproliferative Agent in Live Cells Using Fluorescence Difference in Two-Dimensional Gel Electrophoresis. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 5543-5547	3.6	13
79	Discovery and target identification of an antiproliferative agent in live cells using fluorescence difference in two-dimensional gel electrophoresis. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 5447-51	16.4	60
78	A potent small-molecule inducer of chondrogenic differentiation of human bone marrow-derived mesenchymal stem cells. <i>Chemical Science</i> , <b>2012</b> , 3, 3071	9.4	17

77	Lentiviral vector-mediated shRNA against AIMP2-DX2 suppresses lung cancer cell growth through blocking glucose uptake. <i>Molecules and Cells</i> , <b>2012</b> , 33, 553-62	3.5	13
76	Orphan nuclear receptor estrogen-related receptor $\alpha$ (ERR $\alpha$ ) is key regulator of hepatic gluconeogenesis. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 21628-39	5.4	90
75	Bioinspired polymerization of dopamine to generate melanin-like nanoparticles having an excellent free-radical-scavenging property. <i>Biomacromolecules</i> , <b>2011</b> , 12, 625-32	6.9	532
74	Pharmacophore-based strategy for the development of general and specific scFv biosensors for abused antibiotics. <i>Bioconjugate Chemistry</i> , <b>2011</b> , 22, 88-94	6.3	5
73	Diversity-Oriented Synthesis of Privileged Heterocycles Using Divergent Strategy <b>2011</b> , 151-170		
72	A design strategy for drug-like polyheterocycles with privileged substructures for discovery of specific small-molecule modulators. <i>Chemical Communications</i> , <b>2011</b> , 47, 12754-61	5.8	127
71	Ethanol and reactive species increase basal sequence heterogeneity of hepatitis C virus and produce variants with reduced susceptibility to antivirals. <i>PLoS ONE</i> , <b>2011</b> , 6, e27436	3.7	28
70	Surface modification for small-molecule microarrays and its application to the discovery of a tyrosinase inhibitor. <i>Molecular BioSystems</i> , <b>2011</b> , 7, 304-10		17
69	9-Aryl-1,2-dihydropyrrolo[3,4-b]indolizin-3-one (Seoul-Fluor) as a smart platform for colorful ratiometric fluorescent pH sensors. <i>Chemical Communications</i> , <b>2011</b> , 47, 7734-6	5.8	21
68	Solid-phase parallel synthesis of a tetrahydroindazolone library containing three unique core skeletons. <i>Chemistry - an Asian Journal</i> , <b>2011</b> , 6, 2062-72	4.5	3
67	Computer-aided design and synthesis of tetra-aryl-substituted alkenes and their bioevaluation as a selective modulator of estrogen-related receptor $\alpha$ <i>Molecular Diversity</i> , <b>2011</b> , 15, 69-81	3.1	9
66	Development of fluorescent glucose bioprobes and their application on real-time and quantitative monitoring of glucose uptake in living cells. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 143-50	4.8	42
65	A synthetic route to highly substituted 1,2,3,4-tetrahydroisoquinolines via Yb(OTf) <sub>3</sub> -catalyzed diastereoselective ring opening of bridged oxazolidines: asymmetric synthesis of 2-azapodophyllotoxin. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 4905-13	4.8	19
64	Inside Cover: Development of Fluorescent Glucose Bioprobes and Their Application on Real-Time and Quantitative Monitoring of Glucose Uptake in Living Cells (Chem. Eur. J. 1/2011). <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 2-2	4.8	
63	Ratiometric analysis of zidovudine (ZDV) incorporation by reverse transcriptases or polymerases via bio-orthogonal click chemistry. <i>Chemical Communications</i> , <b>2011</b> , 47, 7614-6	5.8	6
62	Discovery of a novel benzopyranyl compound as a potent in vitro and in vivo osteogenic agent. <i>MedChemComm</i> , <b>2011</b> , 2, 76-80	5	15
61	Emission wavelength prediction of a full-color-tunable fluorescent core skeleton, 9-aryl-1,2-dihydropyrrolo[3,4-b]indolizin-3-one. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 6642-9	16.4	146
60	Highly selective fluorescence turn-on probe for glutathione. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 3902-3904	2	24



59	A newly identified CG301269 improves lipid and glucose metabolism without body weight gain through activation of peroxisome proliferator-activated receptor alpha and gamma. <i>Diabetes</i> , <b>2011</b> , 60, 496-506	0.9	26
58	Estrogen-related receptor $\gamma$ (ERR $\gamma$ ) is a novel transcriptional regulator of phosphatidic acid phosphatase, LIPIN1, and inhibits hepatic insulin signaling. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 38035-38042	5.4	58
57	Development of a FRET-based High-Throughput Screening System for the Discovery of Hsp90 Inhibitors. <i>Bulletin of the Korean Chemical Society</i> , <b>2011</b> , 32, 3229-3232	1.2	2
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