Davide Prosperi

List of Publications by Citations

135 papers	4,377 citations	36 h-index	62 g-index
175 ext. papers	5,001 ext. citations	6.9 avg, IF	5.46 L-index

#	Paper	IF	Citations
135	Biological applications of magnetic nanoparticles. *Chemical Society Reviews*, **2012**, 41, 4306-34	58.5	939
134	Magnetic glyco-nanoparticles: a tool to detect, differentiate, and unlock the glyco-codes of cancer via magnetic resonance imaging. *Journal of the American Chemical Society*, **2010**, 132, 4490-9	16.4	224
133	Recent advances in magnetic fluid hyperthermia for cancer therapy. *Colloids and Surfaces B: Biointerfaces*, **2019**, 174, 42-55	6	152
132	Digital Detection of Exosomes by Interferometric Imaging. *Scientific Reports*, **2016**, 6, 37246	4.9	139
131	Intracellular drug release from curcumin-loaded PLGA nanoparticles induces G2/M block in breast cancer cells. *Biomacromolecules*, **2013**, 14, 672-82	6.9	111
130	Biotechnological approaches toward nanoparticle biofunctionalization. *Trends in Biotechnology*, **2014**, 32, 11-20	15.1	94
129	Thirty Years of Cancer Nanomedicine: Success, Frustration, and Hope. *Cancers*, **2019**, 11,	6.6	94
128	Tumour homing and therapeutic effect of colloidal nanoparticles depend on the number of attached antibodies. *Nature Communications*, **2016**, 7, 13818	17.4	93
127	One-step bioengineering of magnetic nanoparticles via a surface diazo transfer/azide-alkyne click reaction sequence. *Chemical Communications*, **2008**, 621-3	5.8	76
126	Single-domain protein A-engineered magnetic nanoparticles: toward a universal strategy to site-specific labeling of antibodies for targeted detection of tumor cells. *ACS Nano*, **2010**, 4, 5693-702	16.7	74
125	Protein nanocages for self-triggered nuclear delivery of DNA-targeted chemotherapeutics in Cancer Cells. *Journal of Controlled Release*, **2014**, 196, 184-96	11.7	73
124	A combinatorial approach to 2,4,6-trisubstituted triazines with potent antimalarial activity: combining conventional synthesis and microwave-assistance. *ChemMedChem*, **2008**, 3, 873-6	3.7	71
123	Negatively charged silver nanoparticles with potent antibacterial activity and reduced toxicity for pharmaceutical preparations. *International Journal of Nanomedicine*, **2017**, 12, 2517-2530	7.3	70
122	Site-specific conjugation of ScFvs antibodies to nanoparticles by bioorthogonal strain-promoted alkyne-nitrone cycloaddition. *Angewandte Chemie - International Edition*, **2012**, 51, 496-9	16.4	63
121	Assessing the in vivo targeting efficiency of multifunctional nanoconstructs bearing antibody-derived ligands. *ACS Nano*, **2013**, 7, 6092-102	16.7	63
120	Facile oxidation of leucomethylene blue and dihydroflavins by artemisinins: relationship with flavoenzyme function and antimalarial mechanism of action. *ChemMedChem*, **2010**, 5, 1282-99	3.7	61
119	HER2 targeting as a two-sided strategy for breast cancer diagnosis and treatment: Outlook and recent implications in nanomedical approaches. *Pharmacological Research*, **2010**, 62, 150-65	10.2	60

118	Resolving the structure of ligands bound to the surface of superparamagnetic iron oxide nanoparticles by high-resolution magic-angle spinning NMR spectroscopy. *Journal of the American Chemical Society*, **2008**, 130, 12712-24	16.4	59
117	HER2 expression in breast cancer cells is downregulated upon active targeting by antibody-engineered multifunctional nanoparticles in mice. *ACS Nano*, **2011**, 5, 6383-93	16.7	58
116	Drug nanocarriers to treat autoimmunity and chronic inflammatory diseases. *Seminars in Immunology*, **2017**, 34, 61-67	10.7	48
115	Nanoformulation of antiretroviral drugs enhances their penetration across the blood brain barrier in mice. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2015**, 11, 1387-97	6	47
114	Protein-assisted one-pot synthesis and biofunctionalization of spherical gold nanoparticles for selective targeting of cancer cells. *Angewandte Chemie - International Edition*, **2012**, 51, 9272-5	16.4	47
113	H-Ferritin Enriches the Curcumin Uptake and Improves the Therapeutic Efficacy in Triple Negative Breast Cancer Cells. *Biomacromolecules*, **2017**, 18, 3318-3330	6.9	46
112	Protein oriented ligation on nanoparticles exploiting O6-alkylguanine-DNA transferase (SNAP) genetically encoded fusion. *Small*, **2012**, 8, 1492-7	11	46
111	Multifunctional Magnetic Gold Nanomaterials for Cancer. *Trends in Biotechnology*, **2019**, 37, 995-1010	15.1	44
110	Antibody-engineered nanoparticles selectively inhibit mesenchymal cells isolated from patients with chronic lung allograft dysfunction. *Nanomedicine*, **2015**, 10, 9-23	5.6	42
109	Loss of exosomes in progranulin-associated frontotemporal dementia. *Neurobiology of Aging*, **2016**, 40, 41-49	5.6	40
108	Multivalent exposure of trastuzumab on iron oxide nanoparticles improves antitumor potential and reduces resistance in HER2-positive breast cancer cells. *Scientific Reports*, **2018**, 8, 6563	4.9	40
107	Gold nanoparticles decorated by clustered multivalent cone-glycocalixarenes actively improve the targeting efficiency toward cancer cells. *Chemical Communications*, **2014**, 50, 11029-32	5.8	40
106	Investigation of antitumor activities of trastuzumab delivered by PLGA nanoparticles. *International Journal of Nanomedicine*, **2018**, 13, 957-973	7.3	37
105	Femtomolar detection of autoantibodies by magnetic relaxation nanosensors. *Analytical Biochemistry*, **2009**, 392, 96-102	3.1	37
104	Efficient Synthesis of Unsymmetrical Ureido-Linked Disaccharides. *European Journal of Organic Chemistry*, **2004**, 2004, 395-405	3.2	37
103	H-Ferritin-nanocaged olaparib: a promising choice for both BRCA-mutated and sporadic triple negative breast cancer. *Scientific Reports*, **2017**, 7, 7505	4.9	36
102	Investigating the structural biofunctionality of antibodies conjugated to magnetic nanoparticles. *Nanoscale*, **2011**, 3, 387-90	7.7	36
101	Uniform lipopolysaccharide (LPS)-loaded magnetic nanoparticles for the investigation of LPS-TLR4 signaling. *Angewandte Chemie - International Edition*, **2011**, 50, 622-6	16.4	36

100	Towards ideal magnetofluorescent nanoparticles for bimodal detection of breast-cancer cells. *Small*, **2009**, 5, 2555-64	11	36
99	Orientation-controlled conjugation of haloalkane dehalogenase fused homing peptides to multifunctional nanoparticles for the specific recognition of cancer cells. *Angewandte Chemie - International Edition*, **2013**, 52, 3121-5	16.4	35
98	Delivering colloidal nanoparticles to mammalian cells: a nano-bio interface perspective. *Advanced Healthcare Materials*, **2014**, 3, 957-76	10.1	33
97	Highly efficient production of anti-HER2 scFv antibody variant for targeting breast cancer cells. *Applied Microbiology and Biotechnology*, **2011**, 91, 613-21	5.7	33
96	Evaluation of gold nanoparticles biocompatibility: a multiparametric study on cultured endothelial cells and macrophages. *Journal of Nanoparticle Research*, **2016**, 18, 1	2.3	33
95	Nanoparticle-mediated delivery of suicide genes in cancer therapy. *Pharmacological Research*, **2016**, 111, 619-641	10.2	31
94	The emerging role of nanotechnology in skincare. *Advances in Colloid and Interface Science*, **2021**, 293, 102437	14.3	29
93	Click Chemistry Immobilization of Antibodies on Polymer Coated Gold Nanoparticles. *Langmuir*, **2016**, 32, 7435-41	4	29
92	Immobilised gold nanostars in a paper-based test system for surface-enhanced Raman spectroscopy. *Vibrational Spectroscopy*, **2013**, 68, 45-50	2.1	27
91	Nanometronomic treatment of 4T1 breast cancer with nanocaged doxorubicin prevents drug resistance and circumvents cardiotoxicity. *Oncotarget*, **2017**, 8, 8383-8396	3.3	27
90	Antiproliferative effect of ASC-J9 delivered by PLGA nanoparticles against estrogen-dependent breast cancer cells. *Molecular Pharmaceutics*, **2014**, 11, 2864-75	5.6	26
89	Development of Tc-radiolabeled nanosilica for targeted detection of HER2-positive breast cancer. *International Journal of Nanomedicine*, **2017**, 12, 3447-3461	7.3	25
88	Multispot, label-free biodetection at a phantom plastic-water interface. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 9350-5	11.5	25
87	Conformational properties of intrinsically disordered proteins bound to the surface of silica nanoparticles. *Biochimica Et Biophysica Acta - General Subjects*, **2018**, 1862, 1556-1564	4	24
86	Polymer nanopillar-gold arrays as surface-enhanced Raman spectroscopy substrate for the simultaneous detection of multiple genes. *ACS Nano*, **2014**, 8, 10496-506	16.7	24
85	Synthesis of building blocks of human milk oligosaccharides. Fucosylated derivatives of the lacto- and neolacto-series. *Carbohydrate Research*, **2002**, 337, 1333-42	2.9	23
84	Synthesis of mono- and bisglucuronylated carboranes. *Tetrahedron: Asymmetry*, **2005**, 16, 39-44		23
83	A formal synthesis of 3-O-(4-methoxybenzyl)-azidosphingosine by a modified Julia olefination. *Tetrahedron*, **2002**, 58, 4425-4428	2.4	22

82	One-step synthesis of star-like gold nanoparticles for surface enhanced Raman spectroscopy. *Materials Chemistry and Physics*, **2014**, 143, 1215-1221	4.4	21
81	Novel 4-Aminoquinolines through Microwave-Assisted SNAr Reactions: a Practical Route to Antimalarial Agents. *European Journal of Organic Chemistry*, **2007**, 2007, 6118-6123	3.2	21
80	Theranostic Nanocages for Imaging and Photothermal Therapy of Prostate Cancer Cells by Active Targeting of Neuropeptide-Y Receptor. *Bioconjugate Chemistry*, **2016**, 27, 2911-2922	6.3	19
79	Iron oxide nanoparticles surface coating and cell uptake affect biocompatibility and inflammatory responses of endothelial cells and macrophages. *Journal of Nanoparticle Research*, **2015**, 17, 1	2.3	18
78	Magnetic peptide nucleic acids for DNA targeting. *Chemical Communications*, **2009**, 6017-9	5.8	18
77	Phantom nanoparticles as probes of biomolecular interactions. *Small*, **2006**, 2, 1060-7	11	18
76	Impact of semi-solid formulations on skin penetration of iron oxide nanoparticles. *Journal of Nanobiotechnology*, **2017**, 15, 14	9.4	17
75	Engineered Ferritin Nanoparticles for the Bioluminescence Tracking of Nanodrug Delivery in Cancer. *Small*, **2020**, 16, e2001450	11	17
74	Impact of the strategy adopted for drug loading in nonporous silica nanoparticles on the drug release and cytotoxic activity. *Journal of Colloid and Interface Science*, **2018**, 519, 18-26	9.3	16
73	Avidin decorated core-shell nanoparticles for biorecognition studies by elastic light scattering. *ChemBioChem*, **2007**, 8, 1021-8	3.8	16
72	Boranophosphate Diesters as Stable Synthetic Analogues of 1-O-Glycosylphosphates. *Tetrahedron*, **2000**, 56, 4811-4815	2.4	16
71	Imatinib-loaded gold nanoparticles inhibit proliferation of fibroblasts and macrophages from systemic sclerosis patients and ameliorate experimental bleomycin-induced lung fibrosis. *Journal of Controlled Release*, **2019**, 310, 198-208	11.7	15
70	Development of U11-functionalized gold nanoparticles for selective targeting of urokinase plasminogen activator receptor-positive breast cancer cells. *Bioconjugate Chemistry*, **2014**, 25, 1381-6	6.3	15
69	Dependence of nanoparticle-cell recognition efficiency on the surface orientation of scFv targeting ligands. *Biomaterials Science*, **2013**, 1, 728-735	7.4	15
68	HRMAS NMR analysis in neat ionic liquids: a powerful tool to investigate complex organic molecules and monitor chemical reactions. *Green Chemistry*, **2007**, 9, 216	10	14
67	Innovative approach to safely induce controlled lipolysis by superparamagnetic iron oxide nanoparticles-mediated hyperthermic treatment. *International Journal of Biochemistry and Cell Biology*, **2017**, 93, 62-73	5.6	13
66	Peptide-nanoparticle ligation mediated by cutinase fusion for the development of cancer cell-targeted nanoconjugates. *Bioconjugate Chemistry*, **2015**, 26, 680-9	6.3	13
65	One-pot phase transfer and surface modification of CdSe-ZnS quantum dots using a synthetic functional copolymer. *Chemical Communications*, **2014**, 50, 240-2	5.8	13

64	Site-Specific Conjugation of ScFvs Antibodies to Nanoparticles by Bioorthogonal Strain-Promoted Alkyne–Nitrone Cycloaddition. *Angewandte Chemie*, **2012**, 124, 511-514	3.6	13
63	Chemoenzymatic stereoconvergent synthesis of 3-O-benzoyl azidosphingosine. *Tetrahedron: Asymmetry*, **2002**, 13, 867-872		13
62	Light scattered by model phantom bacteria reveals molecular interactions at their surface. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 15866-70	11.5	13
61	MnO Nanoparticles Embedded in Functional Polymers as T1 Contrast Agents for Magnetic Resonance Imaging. *ACS Applied Nano Materials*, **2020**, 3, 3787-3797	5.6	12
60	Synthesis of Novel Pseudodisaccharides and Neoglycoconjugates Containing anN-Glycosyl Carbamate Backbone. *Synlett*, **2004**, 2004, 1529-1532	2.2	12
59	Colloidal polymer-coated Zn-doped iron oxide nanoparticles with high relaxivity and specific absorption rate for efficient magnetic resonance imaging and magnetic hyperthermia. *Journal of Colloid and Interface Science*, **2020**, 579, 186-194	9.3	11
58	Heteronanoparticles by Self-Assembly of Ecdysteroid and Doxorubicin Conjugates To Overcome Cancer Resistance. *ACS Medicinal Chemistry Letters*, **2018**, 9, 468-471	4.3	11
57	Immobilization of carboxypeptidase from Sulfolobus solfataricus on magnetic nanoparticles improves enzyme stability and functionality in organic media. *BMC Biotechnology*, **2014**, 14, 82	3.5	11
56	Multiple presentation of Scfv800E6 on silica nanospheres enhances targeting efficiency toward HER-2 receptor in breast cancer cells. *Bioconjugate Chemistry*, **2011**, 22, 2296-303	6.3	11
55	Bioengineered gold nanoparticles targeted to mesenchymal cells from patients with bronchiolitis obliterans syndrome does not rise the inflammatory response and can be safely inhaled by rodents. *Nanotoxicology*, **2017**, 11, 534-545	5.3	10
54	Combined mass quantitation and phenotyping of intact extracellular vesicles by a microarray platform. *Analytica Chimica Acta*, **2016**, 902, 160-167	6.6	10
53	Self-assembled 4-(1,2-diphenylbut-1-en-1-yl)aniline based nanoparticles: podophyllotoxin and aloin as building blocks. *Organic and Biomolecular Chemistry*, **2017**, 15, 1106-1109	3.9	9
52	A CONVENIENT MULTIGRAM PREPARATION OF FUNCTIONALIZED 2-AZIDO-2-DEOXY-D-MANNOSE AS A USEFUL ORTHOGONALLY PROTECTED BUILDING BLOCK FOR OLIGOSACCHARIDE SYNTHESIS. *Journal of Carbohydrate Chemistry*, **2001**, 20, 813-819	1.7	9
51	Selective Targeting of Cancer-Associated Fibroblasts by Engineered H-Ferritin Nanocages Loaded with Navitoclax. *Cells*, **2021**, 10,	7.9	9
50	Half-Chain Cetuximab Nanoconjugates Allow Multitarget Therapy of Triple Negative Breast Cancer. *Bioconjugate Chemistry*, **2018**, 29, 3817-3832	6.3	9
49	Control of size and aspect ratio in hydroquinone-based synthesis of gold nanorods. *Journal of Nanoparticle Research*, **2015**, 17, 1	2.3	8
48	Curcumin Formulations and Trials: What's New in Neurological Diseases. *Molecules*, **2020**, 25,	4.8	8
47	Pemetrexed-loaded nanoparticles targeted to malignant pleural mesothelioma cells: an in vitro study. *International Journal of Nanomedicine*, **2019**, 14, 773-785	7.3	8

46	Nano-targeting of mucosal addressin cell adhesion molecule-1 identifies bowel inflammation foci in murine model. *Nanomedicine*, **2017**, 12, 1547-1560	5.6	7
45	Magnetofluorescent nanoparticles for bimodal detection of breast cancer cells **2010**,		7
44	Inositol 1,4,5-trisphosphate 3-kinase B promotes Ca mobilization and the inflammatory activity of dendritic cells. *Science Signaling*, **2021**, 14,	8.8	7
43	Are nanotechnological approaches the future of treating inflammatory diseases?. *Nanomedicine*, **2019**, 14, 2379-2390	5.6	6
42	Does conjugation strategy matter? Cetuximab-conjugated gold nanocages for targeting triple-negative breast cancer cells. *Nanoscale Advances*, **2019**, 1, 3626-3638	5.1	6
41	Dynamic molecular exchange and conformational transitions of alpha-synuclein at the nano-bio interface. *International Journal of Biological Macromolecules*, **2020**, 154, 206-216	7.9	6
40	Protein-Assisted One-Pot Synthesis and Biofunctionalization of Spherical Gold Nanoparticles for Selective Targeting of Cancer Cells. *Angewandte Chemie*, **2012**, 124, 9406-9409	3.6	6
39	Towards a Universal Method for the Stable and Clean Functionalization of Inert Perfluoropolymer Nanoparticles: Exploiting Photopolymerizable Amphiphilic Diacetylenes. *Advanced Functional Materials*, **2010**, 20, 3932-3940	15.6	6
38	Synthesis of Novel Carborane-hybrids Based on a Triazine Scaffold for Boron Neutron Capture Therapy. *Synlett*, **2004**, 2004, 1007-1010	2.2	6
37	Co-administration of H-ferritin-doxorubicin and Trastuzumab in neoadjuvant setting improves efficacy and prevents cardiotoxicity in HER2 + murine breast cancer model. *Scientific Reports*, **2020**, 10, 11425	4.9	6
36	H-Ferritin nanoparticle-mediated delivery of antibodies across a BBB in vitro model for treatment of brain malignancies. *Biomaterials Science*, **2021**, 9, 2032-2042	7.4	6
35	Tc-Radiolabeled Silica Nanocarriers for Targeted Detection and Treatment of HER2-Positive Breast Cancer. *International Journal of Nanomedicine*, **2021**, 16, 1943-1960	7.3	5
34	"Blind" targeting in action: From phage display to breast cancer cell targeting with peptide-gold nanoconjugates. *Pharmacological Research*, **2016**, 111, 155-162	10.2	4
33	A fast and straightforward procedure for vault nanoparticle purification and the characterization of its endocytic uptake. *Biochimica Et Biophysica Acta - General Subjects*, **2018**, 1862, 2254-2260	4	4
32	Uniform Lipopolysaccharide (LPS)-Loaded Magnetic Nanoparticles for the Investigation of LPS□LR4 Signaling. *Angewandte Chemie*, **2011**, 123, 648-652	3.6	4
31	New Tetracyclic Colchicinoids from the Reaction of N-Deacetylthiocolchicine and N-Deacetylcolchicine with Nitrous Acid and tert-Butyl Nitrite. *Helvetica Chimica Acta*, **2003**, 86, 2082-2089	2	4
30	Improvement of the Synthesis of Immunological Carbohydrate Vaccines Containing the Tumour Associate Antigen CaMBr1. *European Journal of Organic Chemistry*, **2001**, 2001, 4331	3.2	4
29	Anti-MAdCAM-1-Conjugated Nanocarriers Delivering Quantum Dots Enable Specific Imaging of Inflammatory Bowel Disease. *International Journal of Nanomedicine*, **2020**, 15, 8537-8552	7.3	4

28	Monitoring the Fate of Orally Administered PLGA Nanoformulation for Local Delivery of Therapeutic Drugs. *Pharmaceutics*, **2019**, 11,	6.4	4
27	Bioengineered Approaches for Site Orientation of Peptide-Based Ligands of Nanomaterials **2018**, 139-169		4
26	Relaxometric Studies of Gd-Chelate Conjugated on the Surface of Differently Shaped Gold Nanoparticles. *Nanomaterials*, **2020**, 10,	5.4	3
25	Dispersed phantom scatterer technique reveals subtle differences in substrate recognition by phospholipase D inactive mutants. *ChemBioChem*, **2009**, 10, 639-44	3.8	3
24	Polyhydroxylated Bicyclic Ureas from Glycosyl Isocyanides. *Synlett*, **2006**, 2006, 0786-0788	2.2	3
23	Enzymatic galactosylation of C-glycosides analogues en route to C-glycopeptides. *Journal of Molecular Catalysis B: Enzymatic*, **2001**, 11, 343-348		3
22	Attempted Oxidative Deamination of N-Deacetylcolchicinoids with 3,5-Di(tert-butyl)-1,2-benzoquinone: Synthesis of 2H-1,4-Benzoxazine-Type Adducts. *Helvetica Chimica Acta*, **1999**, 82, 1502-1508	2	3
21	Functionalization of colloidal nanoparticles with a discrete number of ligands based on a "HALO-bioclick" reaction. *Chemical Communications*, **2020**, 56, 11398-11401	5.8	3
20	Impact of Tuning the Surface Charge Distribution on Colloidal Iron Oxide Nanoparticle Toxicity Investigated in. *Nanomaterials*, **2021**, 11,	5.4	3
19	Suicide Gene Therapy: A New Frontier for Cancer Fighting. *Current Pharmaceutical Biotechnology*, **2019**, 20, 2-4	2.6	2
18	Nanoparticle-Mediated Suicide Gene Therapy for Triple Negative Breast Cancer Treatment. *Advanced Therapeutics*, **2020**, 3, 2000007	4.9	2
17	An Efficient Transformation of (-)-Quinic Acid into Carba-l-rhamnose. *Synlett*, **2004**, 2004, 2529-2532	2.2	2
16	Stem Cell-Mediated Exon Skipping of the Dystrophin Gene by the Bystander Effect. *Current Gene Therapy*, **2015**, 15, 563-71	4.3	2
15	Targeted delivery of nanoparticles. *Frontiers of Nanoscience*, **2020**, 16, 253-264	0.7	2
14	Frontiers in Cancer Immunotherapy: Understanding the Role of Gut Microbiota. *Current Pharmaceutical Biotechnology*, **2020**, 21, 2	2.6	2
13	Full-Length Recombinant hSP-D Binds and Inhibits SARS-CoV-2. *Biomolecules*, **2021**, 11,	5.9	2
12	Boron Chemistry **2012**, 77-98		1
11	Orientation-Controlled Conjugation of Haloalkane Dehalogenase Fused Homing Peptides to Multifunctional Nanoparticles for the Specific Recognition of Cancer Cells. *Angewandte Chemie*, **2013**, 125, 3203-3207	3.6	1

10	Strategies for the Characterization of the Saccharidic Moiety in Composite Nanoparticles. *ACS Symposium Series*, **2011**, 69-89	0.4	1
9	The Synthesis of Allolactose from Amygdalin. *Journal of Carbohydrate Chemistry*, **2003**, 22, 267-274	1.7	1
8	Development of an Effective Tumor-Targeted Contrast Agent for Magnetic Resonance Imaging Based on Mn/H-Ferritin Nanocomplexes. *ACS Applied Bio Materials*, **2021**, 4, 7800-7810	4.1	1
7	Modeling the interaction of amphiphilic polymer nanoparticles with biomembranes to Guide rational design of drug delivery systems. *Colloids and Surfaces B: Biointerfaces*, **2020**, 196, 111366	6	1
6	Loading Imatinib inside targeted nanoparticles to prevent Bronchiolitis Obliterans Syndrome. *Scientific Reports*, **2020**, 10, 20726	4.9	1
5	Correction: Self-assembled 4-(1,2-diphenylbut-1-en-1-yl)aniline based nanoparticles: podophyllotoxin and aloin as building blocks. *Organic and Biomolecular Chemistry*, **2017**, 15, 1725	3.9	
4	OP0022 Targeting Fibroblastoid-like Cells by Drug Loaded Engineered Gold Nanoparticles as A Novel Approach for ILD-SSC Treatment. *Annals of the Rheumatic Diseases*, **2016**, 75, 61.1-61	2.4	
3	Preface: A New Era of Nanoimmunology. *Current Pharmaceutical Biotechnology*, **2018**, 19, 2-4	2.6	
2	R□ktitelbild: Protein-Assisted One-Pot Synthesis and Biofunctionalization of Spherical Gold Nanoparticles for Selective Targeting of Cancer Cells (Angew. Chem. 37/2012). *Angewandte Chemie* , **2012**, 124, 9592-9592	3.6	
1	Novel biotinylated bile acid amphiphiles: micellar aggregates formation and interaction with hepatocytes. *Organic and Biomolecular Chemistry*, **2011**, 9, 2899-905	3.9	