

# David T Leong

## 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.

153 papers	13,074 citations	63 h-index	112 g-index
172 ext. papers	14,810 ext. citations	11.3 avg, IF	6.92 L-index

#	Paper	IF	Citations
153	Bio-interactive nanoarchitectonics with two-dimensional materials and environments.. <i>Science and Technology of Advanced Materials</i> , <b>2022</b> , 23, 199-224	7.1	2
152	Dynamic Protein Corona of Gold Nanoparticles with an Evolving Morphology. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 58238-58251	9.5	3
151	Ultrasmall Molybdenum Disulfide Quantum Dots Cage Alzheimer's Amyloid Beta to Restore Membrane Fluidity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 29936-29948	9.5	9
150	Overcoming bacterial physical defenses with molecule-like ultrasmall antimicrobial gold nanoclusters. <i>Bioactive Materials</i> , <b>2021</b> , 6, 941-950	16.7	28
149	Observing antimicrobial process with traceable gold nanoclusters. <i>Nano Research</i> , <b>2021</b> , 14, 1026-1033	10	17
148	Intrinsic bioactivity of black phosphorus nanomaterials on mitotic centrosome destabilization through suppression of PLK1 kinase. <i>Nature Nanotechnology</i> , <b>2021</b> , 16, 1150-1160	28.7	15
147	Nanotoxicology and nanomedicine: The Yin and Yang of nano-bio interactions for the new decade. <i>Nano Today</i> , <b>2021</b> , 39, 101184	17.9	16
146	From mouse to mouse-ear cress: Nanomaterials as vehicles in plant biotechnology. <i>Exploration</i> , <b>2021</b> , 1, 9-20		13
145	Functionalizing DNA nanostructures with natural cationic amino acids. <i>Bioactive Materials</i> , <b>2021</b> , 6, 2946-2955	10.7	2
144	A Framework of Paracellular Transport via Nanoparticles-Induced Endothelial Leakiness. <i>Advanced Science</i> , <b>2021</b> , 8, e2102519	13.6	5
143	Oxygenic Enrichment in Hybrid Ruthenium Sulfide Nanoclusters for an Optimized Photothermal Effect. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> ,	9.5	4
142	Layered MoS defect-driven in situ synthesis of plasmonic gold nanocrystals visualizes the planar size and interfacial diversity. <i>Nanoscale</i> , <b>2020</b> , 12, 11979-11985	7.7	11
141	Nanoarchitectonics beyond Self-Assembly: Challenges to Create Bio-Like Hierarchic Organization. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 15424-15446	16.4	78
140	Nanoarchitektonik als ein Ansatz zur Erzeugung bioähnlicher hierarchischer Organismen. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 15550-15574	3.6	7
139	Increasing the Potential Interacting Area of Nanomedicine Enhances Its Homotypic Cancer Targeting Efficacy. <i>ACS Nano</i> , <b>2020</b> , 14, 3259-3271	16.7	46
138	Cell Membrane Nanotherapeutics: From Synthesis to Applications Emerging Tools for Personalized Cancer Therapy. <i>Advanced Therapeutics</i> , <b>2020</b> , 3, 1900201	4.9	21
137	Engineered functionalized 2D nanoarchitectures for stimuli-responsive drug delivery. <i>Materials Horizons</i> , <b>2020</b> , 7, 455-469	14.4	43

136	Phototherapy with layered materials derived quantum dots. <i>Nanoscale</i> , <b>2020</b> , 12, 43-57	7.7	37
135	Self-assembly of stem cell membrane-camouflaged nanocomplex for microRNA-mediated repair of myocardial infarction injury. <i>Biomaterials</i> , <b>2020</b> , 257, 120256	15.6	25
134	3-D DNA nanodevices for on-site sensitive detection of antibiotic residues in food. <i>Chemical Communications</i> , <b>2020</b> , 56, 12628-12631	5.8	3
133	Retooling Cancer Nanotherapeutics' Entry into Tumors to Alleviate Tumoral Hypoxia. <i>Small</i> , <b>2020</b> , 16, e2003000	11	19
132	Assembling Defined DNA Nanostructure with Nitrogen-Enriched Carbon Dots for Theranostic Cancer Applications. <i>Small</i> , <b>2020</b> , 16, e1906975	11	28
131	Nanoparticles' interactions with vasculature in diseases. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 5381-5407	58.5	150
130	Nanoparticles promote in vivo breast cancer cell intravasation and extravasation by inducing endothelial leakiness. <i>Nature Nanotechnology</i> , <b>2019</b> , 14, 279-286	28.7	253
129	Toxicity of Two-Dimensional Layered Materials and Their Heterostructures. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 2287-2299	6.3	32
128	Understanding the implications of engineered nanoparticle induced autophagy in human epidermal keratinocytes in vitro. <i>NanoImpact</i> , <b>2019</b> , 15, 100177	5.6	4
127	Ratiometric immunoassays built from synergistic photonic absorption of size-diverse semiconducting MoS <sub>2</sub> nanostructures. <i>Materials Horizons</i> , <b>2019</b> , 6, 563-570	14.4	34
126	Angiopoietin-1 accelerates restoration of endothelial cell barrier integrity from nanoparticle-induced leakiness. <i>Nanotoxicology</i> , <b>2019</b> , 13, 682-700	5.3	25
125	Defect engineered bioactive transition metals dichalcogenides quantum dots. <i>Nature Communications</i> , <b>2019</b> , 10, 41	17.4	107
124	Surface Ligand Chemistry of Gold Nanoclusters Determines Their Antimicrobial Ability. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 2800-2808	9.6	77
123	Engineering Functional Metal Materials at the Atomic Level. <i>Advanced Materials</i> , <b>2018</b> , 30, e1802751	24	130
122	Clinical Applications of Carbon Nanomaterials in Diagnostics and Therapy. <i>Advanced Materials</i> , <b>2018</b> , 30, e1802368	24	100
121	Molecular Design and Medicinal Applications of Nano-Nitric Oxide Delivery Systems. <i>Current Medicinal Chemistry</i> , <b>2018</b> , 25, 1420-1432	4.3	8
120	Titanium Dioxide Nanoparticles Enhance Leakiness and Drug Permeability in Primary Human Hepatic Sinusoidal Endothelial Cells. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 20,	6.3	13
119	Antimicrobial silver nanomaterials. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 357, 1-17	23.2	347

118	Metal Nanoclusters: Engineering Functional Metal Materials at the Atomic Level (Adv. Mater. 47/2018). <i>Advanced Materials</i> , <b>2018</b> , 30, 1870358	24	8
117	Inorganic Nanomaterials as Highly Efficient Inhibitors of Cellular Hepatic Fibrosis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 31938-31946	9.5	34
116	Precise Single-Step Electrophoretic Multi-Sized Fractionation of Liquid-Exfoliated Nanosheets. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1801622	15.6	15
115	Targeting Endothelial Cell Junctions with Negatively Charged Gold Nanoparticles. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 3759-3767	9.6	78
114	Nano-TiO Drives Epithelial-Mesenchymal Transition in Intestinal Epithelial Cancer Cells. <i>Small</i> , <b>2018</b> , 14, e1800922	11	42
113	Nanoarchitectonics for Hybrid and Related Materials for Bio-Oriented Applications. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1702905	15.6	130
112	Mesoporous Silica Nanoparticles as an Antitumoral-Angiogenesis Strategy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 6690-6703	9.5	48
111	Gold Nanoparticles Induced Endothelial Leakiness Depends on Particle Size and Endothelial Cell Origin. <i>ACS Nano</i> , <b>2017</b> , 11, 5020-5030	16.7	157
110	Directing Assembly and Disassembly of 2D MoS Nanosheets with DNA for Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 15286-15296	9.5	199
109	Antimicrobial Gold Nanoclusters. <i>ACS Nano</i> , <b>2017</b> , 11, 6904-6910	16.7	352
108	Clinically Relevant Detection of Streptococcus pneumoniae with DNA-Antibody Nanostructures. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 6900-6906	7.8	52
107	Emerging 0D Transition-Metal Dichalcogenides for Sensors, Biomedicine, and Clean Energy. <i>Small</i> , <b>2017</b> , 13, 1700527	11	64
106	Nanoparticle Density: A Critical Biophysical Regulator of Endothelial Permeability. <i>ACS Nano</i> , <b>2017</b> , 11, 2764-2772	16.7	105
105	Understanding seed-mediated growth of gold nanoclusters at molecular level. <i>Nature Communications</i> , <b>2017</b> , 8, 927	17.4	178
104	Engineering gold-based radiosensitizers for cancer radiotherapy. <i>Materials Horizons</i> , <b>2017</b> , 4, 817-831	14.4	132
103	Particulate matter from indoor environments of classroom induced higher cytotoxicity and leakiness in human microvascular endothelial cells in comparison with those collected from corridor. <i>Indoor Air</i> , <b>2017</b> , 27, 551-563	5.4	5
102	Protecting microRNAs from RNase degradation with steric DNA nanostructures. <i>Chemical Science</i> , <b>2017</b> , 8, 1062-1067	9.4	53
101	DNA Nanostructures Carrying Stoichiometrically Definable Antibodies. <i>Small</i> , <b>2016</b> , 12, 5601-5611	11	72

100	Low-Dimensional Transition Metal Dichalcogenide Nanostructures Based Sensors. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 7034-7056	15.6	156
99	Reducing ZnO nanoparticles toxicity through silica coating. <i>Heliyon</i> , <b>2016</b> , 2, e00177	3.6	47
98	Reality Check for Nanomaterial-Mediated Therapy with 3D Biomimetic Culture Systems. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 4046-4065	15.6	41
97	Oxidative stress by inorganic nanoparticles. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2016</b> , 8, 414-38	9.2	52
96	Cytotoxic Effects of Phosphonate-Functionalized Mesoporous Silica Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 2416-22	9.5	16
95	Tuning Endothelial Permeability with Functionalized Nanodiamonds. <i>ACS Nano</i> , <b>2016</b> , 10, 1170-81	16.7	101
94	Sugar-Grafted Cyclodextrin Nanocarrier as a "Trojan Horse" for Potentiating Antibiotic Activity. <i>Pharmaceutical Research</i> , <b>2016</b> , 33, 1161-74	4.5	14
93	Decoupling the Direct and Indirect Biological Effects of ZnO Nanoparticles Using a Communicative Dual Cell-Type Tissue Construct. <i>Small</i> , <b>2016</b> , 12, 647-57	11	25
92	Highly Luminescent Thiolated Gold Nanoclusters Impregnated in Nanogel. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 4009-4016	9.6	173
91	Cellular processing and destinies of artificial DNA nanostructures. <i>Chemical Society Reviews</i> , <b>2016</b> , 45, 4199-225	58.5	114
90	Soft Material Approach to Induce Oxidative Stress in Mesenchymal Stem Cells for Functional Tissue Repair. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 26591-26599	9.5	27
89	Antimicrobial Cluster Bombs: Silver Nanoclusters Packed with Daptomycin. <i>ACS Nano</i> , <b>2016</b> , 10, 7934-4216.7	16.7	252
88	Understanding and exploiting nanoparticles' intimacy with the blood vessel and blood. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 8174-99	58.5	230
87	In vivo and ex vivo proofs of concept that cetuximab conjugated vitamin E TPGS micelles increases efficacy of delivered docetaxel against triple negative breast cancer. <i>Biomaterials</i> , <b>2015</b> , 63, 58-69	15.6	78
86	Nature-inspired DNA nanosensor for real-time in situ detection of mRNA in living cells. <i>ACS Nano</i> , <b>2015</b> , 9, 5609-17	16.7	142
85	Molecular Architecture Governs Cytotoxicity and Gene Transfection Efficacy of Polyethylenimine Based Nanoplexes in Mammalian Cell Lines. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2015</b> , 25, 301-311	3.2	9
84	Electrochemical Quantification of Escherichia coli with DNA Nanostructure. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 3840-3846	15.6	64
83	Anti-migratory and increased cytotoxic effects of novel dual drug-loaded complex hybrid micelles in triple negative breast cancer cells. <i>Nano Research</i> , <b>2015</b> , 8, 2533-2547	10	27

82	Highlights from the latest articles in technical and technological advancements in nanotherapeutics. <i>Nanomedicine</i> , <b>2015</b> , 10, 1047-9	5.6	1
81	Ultrasmall glutathione-protected gold nanoclusters as next generation radiotherapy sensitizers with high tumor uptake and high renal clearance. <i>Scientific Reports</i> , <b>2015</b> , 5, 8669	4.9	183
80	Pro-inflammatory responses of RAW264.7 macrophages when treated with ultralow concentrations of silver, titanium dioxide, and zinc oxide nanoparticles. <i>Journal of Hazardous Materials</i> , <b>2015</b> , 297, 146-52	12.8	75
79	Mechanistic Investigation of the Biological Effects of SiO <sub>2</sub> /TiO <sub>2</sub> and ZnO Nanoparticles on Intestinal Cells. <i>Small</i> , <b>2015</b> , 11, 3458-68	11	101
78	Biomimicry 3D gastrointestinal spheroid platform for the assessment of toxicity and inflammatory effects of zinc oxide nanoparticles. <i>Small</i> , <b>2015</b> , 11, 702-12	11	87
77	Storage of gold nanoclusters in muscle leads to their biphasic in vivo clearance. <i>Small</i> , <b>2015</b> , 11, 1683-90	11	45
76	Toxicity profiling of water contextual zinc oxide, silver, and titanium dioxide nanoparticles in human oral and gastrointestinal cell systems. <i>Environmental Toxicology</i> , <b>2015</b> , 30, 1459-69	4.2	44
75	Biosensors: Electrochemical Quantification of Escherichia coli with DNA Nanostructure (Adv. Funct. Mater. 25/2015). <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 3979-3979	15.6	0
74	Nanotoxicity: Mechanistic Investigation of the Biological Effects of SiO <sub>2</sub> , TiO <sub>2</sub> , and ZnO Nanoparticles on Intestinal Cells (Small 28/2015). <i>Small</i> , <b>2015</b> , 11, 3390-3390	11	4
73	Nanotoxicity: Biomimicry 3D Gastrointestinal Spheroid Platform for the Assessment of Toxicity and Inflammatory Effects of Zinc Oxide Nanoparticles (Small 6/2015). <i>Small</i> , <b>2015</b> , 11, 760-760	11	2
72	Balancing the Rate of Cluster Growth and Etching for Gram-Scale Synthesis of Thiolate-Protected Au <sub>25</sub> Nanoclusters with Atomic Precision. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4711-4715	3.6	47
71	Balancing the rate of cluster growth and etching for gram-scale synthesis of thiolate-protected Au(25) nanoclusters with atomic precision. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 4623-7	16.4	229
70	Phage based green chemistry for gold ion reduction and gold retrieval. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 910-7	9.5	29
69	Lighting up thiolated Au@Ag nanoclusters via aggregation-induced emission. <i>Nanoscale</i> , <b>2014</b> , 6, 157-61	7.7	165
68	The reduction of anti-cancer drug antagonism by the spatial protection of drugs with PLA-TPGS nanoparticles. <i>Biomaterials</i> , <b>2014</b> , 35, 3044-51	15.6	63
67	Identification of a highly luminescent Au <sub>22</sub> (SG) <sub>18</sub> nanocluster. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 1246-9	16.4	436
66	Back to Basics: Exploiting the Innate Physico-chemical Characteristics of Nanomaterials for Biomedical Applications. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 5936-5955	15.6	180
65	Nanomedicine: Back to Basics: Exploiting the Innate Physico-chemical Characteristics of Nanomaterials for Biomedical Applications (Adv. Funct. Mater. 38/2014). <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 5930-5930	15.6	2

64	Nano-hydroxyapatite and nano-titanium dioxide exhibit different subcellular distribution and apoptotic profile in human oral epithelium. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 6248-56	9.5	76
63	Ultrasensitive IgG quantification using DNA nano-pyramids. <i>NPG Asia Materials</i> , <b>2014</b> , 6, e112-e112	10.3	52
62	Ultrabright organic dots with aggregation-induced emission characteristics for cell tracking. <i>Biomaterials</i> , <b>2014</b> , 35, 8669-77	15.6	84
61	Nanoparticles strengthen intracellular tension and retard cellular migration. <i>Nano Letters</i> , <b>2014</b> , 14, 83-84	11.5	168
60	Toward understanding the growth mechanism: tracing all stable intermediate species from reduction of Au(I)-thiolate complexes to evolution of Au nanoclusters. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 10577-80	16.4	255
59	Novel theranostic DNA nanoscaffolds for the simultaneous detection and killing of Escherichia coli and Staphylococcus aureus. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 21822-31	9.5	91
58	Probing the relevance of 3D cancer models in nanomedicine research. <i>Advanced Drug Delivery Reviews</i> , <b>2014</b> , 79-80, 95-106	18.5	71
57	Presentation matters: Identity of gold nanocluster capping agent governs intracellular uptake and cell metabolism. <i>Nano Research</i> , <b>2014</b> , 7, 805-815	10	75
56	Ultrasmall Au(10-12)(SG)(10-12) nanomolecules for high tumor specificity and cancer radiotherapy. <i>Advanced Materials</i> , <b>2014</b> , 26, 4565-8	24	340
55	The influence of lysosomal stability of silver nanomaterials on their toxicity to human cells. <i>Biomaterials</i> , <b>2014</b> , 35, 6707-15	15.6	138
54	Cell-microsphere constructs formed with human adipose-derived stem cells and gelatin microspheres promotes stemness, differentiation, and controlled pro-angiogenic potential. <i>Macromolecular Bioscience</i> , <b>2014</b> , 14, 1458-68	5.5	18
53	Correction to Identification of a Highly Luminescent Au <sub>22</sub> (SG) <sub>18</sub> Nanocluster. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 17355-17355	16.4	2
52	Nanotheranostics - application and further development of nanomedicine strategies for advanced theranostics. <i>Theranostics</i> , <b>2014</b> , 4, 660-77	12.1	413
51	Ultrasmall Ag <sup>+</sup> -rich nanoclusters as highly efficient nanoreservoirs for bacterial killing. <i>Nano Research</i> , <b>2014</b> , 7, 301-307	10	121
50	Glutathione-protected silver nanoclusters as cysteine-selective fluorometric and colorimetric probe. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 1913-9	7.8	279
49	Highly luminescent silver nanoclusters with tunable emissions: cyclic reduction-decomposition synthesis and antimicrobial properties. <i>NPG Asia Materials</i> , <b>2013</b> , 5, e39-e39	10.3	207
48	Effect of zinc oxide nanomaterials-induced oxidative stress on the p53 pathway. <i>Biomaterials</i> , <b>2013</b> , 34, 10133-42	15.6	123
47	Exposure to titanium dioxide nanoparticles induces autophagy in primary human keratinocytes. <i>Small</i> , <b>2013</b> , 9, 387-92	11	90

46	Biophysical responses upon the interaction of nanomaterials with cellular interfaces. <i>Accounts of Chemical Research</i> , <b>2013</b> , 46, 782-91	24.3	111
45	Mechanoregulation of stem cell fate via micro-/nano-scale manipulation for regenerative medicine. <i>Nanomedicine</i> , <b>2013</b> , 8, 623-38	5.6	40
44	A generic micropatterning platform to direct human mesenchymal stem cells from different origins towards myogenic differentiation. <i>Macromolecular Bioscience</i> , <b>2013</b> , 13, 799-807	5.5	13
43	Titanium dioxide nanomaterials cause endothelial cell leakiness by disrupting the homophilic interaction of VE-cadherin. <i>Nature Communications</i> , <b>2013</b> , 4, 1673	17.4	326
42	A bio-inspired platform to modulate myogenic differentiation of human mesenchymal stem cells through focal adhesion regulation. <i>Advanced Healthcare Materials</i> , <b>2013</b> , 2, 442-9	10.1	38
41	Cytotoxic and genotoxic characterization of titanium dioxide, gadolinium oxide, and poly(lactic-co-glycolic acid) nanoparticles in human fibroblasts. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2013</b> , 101, 633-40	5.4	52
40	Nanotoxicology of common metal oxide based nanomaterials: their ROS-y and non-ROS-y consequences. <i>Asia-Pacific Journal of Chemical Engineering</i> , <b>2013</b> , 8, 205-217	1.3	33
39	Reciprocal Response of Human Oral Epithelial Cells to Internalized Silica Nanoparticles. <i>Particle and Particle Systems Characterization</i> , <b>2013</b> , 30, 784-793	3.1	29
38	Insights into the role of focal adhesion modulation in myogenic differentiation of human mesenchymal stem cells. <i>Stem Cells and Development</i> , <b>2013</b> , 22, 136-47	4.4	39
37	MicroRNA-34c inversely couples the biological functions of the runt-related transcription factor RUNX2 and the tumor suppressor p53 in osteosarcoma. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 21307-21319	5.4	82
36	From aggregation-induced emission of Au(I)-thiolate complexes to ultrabright Au(0)@Au(I)-thiolate core-shell nanoclusters. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 16662-70	16.4	1067
35	Tuning the activity of platinum(IV) anticancer complexes through asymmetric acylation. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 7571-82	8.3	76
34	Biochemical studies of the lagunamides, potent cytotoxic cyclic depsipeptides from the marine cyanobacterium <i>Lyngbya majuscula</i> . <i>Marine Drugs</i> , <b>2012</b> , 10, 1126-37	6	31
33	Intramuscular nerve damage in lacerated skeletal muscles may direct the inflammatory cytokine response during recovery. <i>Journal of Cellular Biochemistry</i> , <b>2012</b> , 113, 2330-45	4.7	6
32	ATF5, a possible regulator of osteogenic differentiation in human adipose-derived stem cells. <i>Journal of Cellular Biochemistry</i> , <b>2012</b> , 113, 2744-53	4.7	17
31	Coexpressing shRNA with fluorescence tags for quantification of cell migration studies. <i>Molecular Biology Reports</i> , <b>2012</b> , 39, 7695-703	2.8	6
30	Direct laser machining-induced topographic pattern promotes up-regulation of myogenic markers in human mesenchymal stem cells. <i>Acta Biomaterialia</i> , <b>2012</b> , 8, 531-9	10.8	50
29	ANGPTL4 modulates vascular junction integrity by integrin signaling and disruption of intercellular VE-cadherin and claudin-5 clusters. <i>Blood</i> , <b>2011</b> , 118, 3990-4002	2.2	157

28	The role of the tumor suppressor p53 pathway in the cellular DNA damage response to zinc oxide nanoparticles. <i>Biomaterials</i> , <b>2011</b> , 32, 8218-25	15.6	161
27	Bio-inspired micropatterned platform to steer stem cell differentiation. <i>Small</i> , <b>2011</b> , 7, 1416-21	11	51
26	Site-specific conjugation of monodispersed DOTA-PEGn to a thiolated diabody reveals the effect of increasing peg size on kidney clearance and tumor uptake with improved 64-copper PET imaging. <i>Bioconjugate Chemistry</i> , <b>2011</b> , 22, 709-16	6.3	30
25	Monodispersed DOTA-PEG-conjugated anti-TAG-72 diabody has low kidney uptake and high tumor-to-blood ratios resulting in improved 64Cu PET. <i>Journal of Nuclear Medicine</i> , <b>2010</b> , 51, 1139-46	8.9	28
24	Sphingosine-1-phosphate mediates proliferation maintaining the multipotency of human adult bone marrow and adipose tissue-derived stem cells. <i>Journal of Molecular Cell Biology</i> , <b>2010</b> , 2, 199-208	6.3	26
23	Cancer-related ectopic expression of the bone-related transcription factor RUNX2 in non-osseous metastatic tumor cells is linked to cell proliferation and motility. <i>Breast Cancer Research</i> , <b>2010</b> , 12, R89	8.3	48
22	Novel therapeutic option for orbital atypical lymphoid hyperplasia. <i>Clinical and Experimental Ophthalmology</i> , <b>2010</b> , 38, 892-4	2.4	7
21	Micropatterned matrix directs differentiation of human mesenchymal stem cells towards myocardial lineage. <i>Experimental Cell Research</i> , <b>2010</b> , 316, 1159-68	4.2	133
20	Runx2, p53, and pRB status as diagnostic parameters for deregulation of osteoblast growth and differentiation in a new pre-chemotherapeutic osteosarcoma cell line (OS1). <i>Journal of Cellular Physiology</i> , <b>2009</b> , 221, 778-88	7	42
19	Positive association between nuclear Runx2 and oestrogen-progesterone receptor gene expression characterises a biological subtype of breast cancer. <i>European Journal of Cancer</i> , <b>2009</b> , 45, 2239-48	7.5	41
18	Replace: An incremental placement algorithm for field programmable gate arrays <b>2009</b> ,		3
17	The osteogenic differentiation of adipose tissue-derived precursor cells in a 3D scaffold/matrix environment. <i>Current Drug Discovery Technologies</i> , <b>2008</b> , 5, 319-27	1.5	29
16	Autocrine fibroblast growth factor 2 increases the multipotentiality of human adipose-derived mesenchymal stem cells. <i>Stem Cells</i> , <b>2008</b> , 26, 1598-608	5.8	118
15	Absolute quantification of gene expression in biomaterials research using real-time PCR. <i>Biomaterials</i> , <b>2007</b> , 28, 203-10	15.6	68
14	Pathology reporting of resected colorectal cancers in New South Wales in 2000. <i>ANZ Journal of Surgery</i> , <b>2007</b> , 77, 963-9	1	15
13	Type 1 and 2 immunity following vaccination is influenced by nanoparticle size: formulation of a model vaccine for respiratory syncytial virus. <i>Molecular Pharmaceutics</i> , <b>2007</b> , 4, 73-84	5.6	216
12	Using theater to teach clinical empathy: a pilot study. <i>Journal of General Internal Medicine</i> , <b>2007</b> , 22, 1114-8		60
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