

# Mikko Karttunen

## List of Publications by Citations

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391  
papers

18,777  
citations

71  
h-index

123  
g-index

431  
ext. papers

21,630  
ext. citations

6.7  
avg, IF

7.18  
L-index

#	Paper	IF	Citations
391	Activatable photosensitizers for imaging and therapy. <i>Chemical Reviews</i> , <b>2010</b> , 110, 2839-57	68.1	1294
390	Porphyrin nanovesicles generated by porphyrin bilayers for use as multimodal biophotonic contrast agents. <i>Nature Materials</i> , <b>2011</b> , 10, 324-32	27	1043
389	Clinical development and potential of photothermal and photodynamic therapies for cancer. <i>Nature Reviews Clinical Oncology</i> , <b>2020</b> , 17, 657-674	19.4	570
388	Ordering effects of cholesterol and its analogues. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2009</b> , 1788, 97-121	3.8	436
387	Molecular dynamics simulations of lipid bilayers: major artifacts due to truncating electrostatic interactions. <i>Biophysical Journal</i> , <b>2003</b> , 84, 3636-45	2.9	363
386	Ablation of hypoxic tumors with dose-equivalent photothermal, but not photodynamic, therapy using a nanostructured porphyrin assembly. <i>ACS Nano</i> , <b>2013</b> , 7, 2541-50	16.7	321
385	Non-invasive multimodal functional imaging of the intestine with frozen micellar naphthalocyanines. <i>Nature Nanotechnology</i> , <b>2014</b> , 9, 631-8	28.7	311
384	Under the influence of alcohol: the effect of ethanol and methanol on lipid bilayers. <i>Biophysical Journal</i> , <b>2006</b> , 90, 1121-35	2.9	275
383	Chemophototherapy: An Emerging Treatment Option for Solid Tumors. <i>Advanced Science</i> , <b>2017</b> , 4, 1600106	10.6	261
382	Lessons of slicing membranes: interplay of packing, free area, and lateral diffusion in phospholipid/cholesterol bilayers. <i>Biophysical Journal</i> , <b>2004</b> , 87, 1076-91	2.9	249
381	Porphyrin-phospholipid liposomes permeabilized by near-infrared light. <i>Nature Communications</i> , <b>2014</b> , 5, 3546	17.4	238
380	Assessing the nature of lipid raft membranes. <i>PLoS Computational Biology</i> , <b>2007</b> , 3, e34	5	231
379	Multiscale modeling of emergent materials: biological and soft matter. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 1869-92	3.6	217
378	Classical electrostatics for biomolecular simulations. <i>Chemical Reviews</i> , <b>2014</b> , 114, 779-814	68.1	195
377	Lipid Bilayers Driven to a Wrong Lane in Molecular Dynamics Simulations by Subtle Changes in Long-Range Electrostatic Interactions. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 4485-4494	3.4	190
376	Systematic comparison of force fields for microscopic simulations of NaCl in aqueous solutions: diffusion, free energy of hydration, and structural properties. <i>Journal of Computational Chemistry</i> , <b>2004</b> , 25, 678-89	3.5	187
375	Ionic surfactant aggregates in saline solutions: sodium dodecyl sulfate (SDS) in the presence of excess sodium chloride (NaCl) or calcium chloride (CaCl <sub>2</sub> ). <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 5863-70	3.4	173

374	Doxorubicin encapsulated in stealth liposomes conferred with light-triggered drug release. <i>Biomaterials</i> , <b>2016</b> , 75, 193-202	15.6	167
373	Hexamodal imaging with porphyrin-phospholipid-coated upconversion nanoparticles. <i>Advanced Materials</i> , <b>2015</b> , 27, 1785-90	24	163
372	Atomic-scale structure and electrostatics of anionic palmitoyl-oleoyl-phosphatidylglycerol lipid bilayers with Na <sup>+</sup> counterions. <i>Biophysical Journal</i> , <b>2007</b> , 92, 1114-24	2.9	159
371	How would you integrate the equations of motion in dissipative particle dynamics simulations?. <i>Computer Physics Communications</i> , <b>2003</b> , 153, 407-423	4.2	159
370	Advanced Functional Nanomaterials for Theranostics. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1603524	15.6	155
369	Structural properties of ionic detergent aggregates: a large-scale molecular dynamics study of sodium dodecyl sulfate. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 11722-33	3.4	153
368	Integration schemes for dissipative particle dynamics simulations: From softly interacting systems towards hybrid models. <i>Journal of Chemical Physics</i> , <b>2002</b> , 116, 3967-3979	3.9	151
367	Comparison of Secondary Structure Formation Using 10 Different Force Fields in Microsecond Molecular Dynamics Simulations. <i>Journal of Chemical Theory and Computation</i> , <b>2012</b> , 8, 2725-2740	6.4	150
366	Cationic DMPC/DMTAP lipid bilayers: molecular dynamics study. <i>Biophysical Journal</i> , <b>2004</b> , 86, 3461-72	2.9	147
365	Lateral diffusion in lipid membranes through collective flows. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 44-5	16.4	134
364	The hydrophobic effect and its role in cold denaturation. <i>Cryobiology</i> , <b>2010</b> , 60, 91-9	2.7	131
363	Programmable Real-time Clinical Photoacoustic and Ultrasound Imaging System. <i>Scientific Reports</i> , <b>2016</b> , 6, 35137	4.9	128
362	A Phosphorus Phthalocyanine Formulation with Intense Absorbance at 1000 nm for Deep Optical Imaging. <i>Theranostics</i> , <b>2016</b> , 6, 688-97	12.1	124
361	Insight into the putative specific interactions between cholesterol, sphingomyelin, and palmitoyl-oleoyl phosphatidylcholine. <i>Biophysical Journal</i> , <b>2007</b> , 92, 1125-37	2.9	115
360	Coarse-grained model for phospholipid/cholesterol bilayer. <i>Journal of Chemical Physics</i> , <b>2004</b> , 121, 9156-65	3.5	115
359	FRET quenching of photosensitizer singlet oxygen generation. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 3203-11	3.4	114
358	Significance of sterol structural specificity. Desmosterol cannot replace cholesterol in lipid rafts. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 348-55	5.4	114
357	Control of calcium oxalate crystal growth by face-specific adsorption of an osteopontin phosphopeptide. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 14946-51	16.4	112

356	Interplay of unsaturated phospholipids and cholesterol in membranes: effect of the double-bond position. <i>Biophysical Journal</i> , <b>2008</b> , 95, 3295-305	2.9	111
355	Recent Advances in Higher-Order, Multimodal, Biomedical Imaging Agents. <i>Small</i> , <b>2015</b> , 11, 4445-61	11	109
354	Tilt: major factor in sterols' ordering capability in membranes. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 25562-4	3.4	109
353	Reptational dynamics in dissipative particle dynamics simulations of polymer melts. <i>Physical Review E</i> , <b>2007</b> , 75, 036713	2.4	107
352	Role of sterol type on lateral pressure profiles of lipid membranes affecting membrane protein functionality: Comparison between cholesterol, desmosterol, 7-dehydrocholesterol and ketosterol. <i>Journal of Structural Biology</i> , <b>2007</b> , 159, 311-23	3.4	107
351	Emerging applications of porphyrins in photomedicine. <i>Frontiers in Physics</i> , <b>2015</b> , 3,	3.9	105
350	Microscopic mechanism for cold denaturation. <i>Physical Review Letters</i> , <b>2008</b> , 100, 118101	7.4	103
349	Towards better integrators for dissipative particle dynamics simulations. <i>Physical Review E</i> , <b>2000</b> , 62, R7611-4	2.4	102
348	The flexible polyelectrolyte hypothesis of protein-biomineral interaction. <i>Langmuir</i> , <b>2010</b> , 26, 18639-46	4	101
347	Rapid Light-Triggered Drug Release in Liposomes Containing Small Amounts of Unsaturated and Porphyrin-Phospholipids. <i>Small</i> , <b>2016</b> , 12, 3039-47	11	101
346	Targeted Nanomaterials for Phototherapy. <i>Nanotheranostics</i> , <b>2017</b> , 1, 38-58	5.6	98
345	Molecular dynamics of a microscopic droplet on solid surface. <i>Physical Review Letters</i> , <b>1992</b> , 69, 124-127	7.4	98
344	Enhanced Drug Delivery by Nanoscale Integration of a Nitric Oxide Donor To Induce Tumor Collagen Depletion. <i>Nano Letters</i> , <b>2019</b> , 19, 997-1008	11.5	94
343	Tumor Ablation and Therapeutic Immunity Induction by an Injectable Peptide Hydrogel. <i>ACS Nano</i> , <b>2018</b> , 12, 3295-3310	16.7	94
342	Cholesterol induces specific spatial and orientational order in cholesterol/phospholipid membranes. <i>PLoS ONE</i> , <b>2010</b> , 5, e11162	3.7	94
341	Enzymatic regioselection for the synthesis and biodegradation of porphyrin nanovesicles. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 2429-33	16.4	91
340	Dynamical scaling exponents for polymer translocation through a nanopore. <i>Physical Review E</i> , <b>2008</b> , 78, 050901	2.4	89
339	What happens if cholesterol is made smoother: importance of methyl substituents in cholesterol ring structure on phosphatidylcholine-sterol interaction. <i>Biophysical Journal</i> , <b>2007</b> , 92, 3346-57	2.9	88

338	Impact of cholesterol on voids in phospholipid membranes. <i>Journal of Chemical Physics</i> , <b>2004</b> , 121, 12676-89	5.9	88
337	Recent applications of phthalocyanines and naphthalocyanines for imaging and therapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2017</b> , 9, e1420	9.2	87
336	Matrix Gla protein inhibits ectopic calcification by a direct interaction with hydroxyapatite crystals. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 18406-12	16.4	86
335	Functionalization of cobalt porphyrin-phospholipid bilayers with his-tagged ligands and antigens. <i>Nature Chemistry</i> , <b>2015</b> , 7, 438-46	17.6	85
334	Study of PEGylated lipid layers as a model for PEGylated liposome surfaces: molecular dynamics simulation and Langmuir monolayer studies. <i>Langmuir</i> , <b>2011</b> , 27, 7788-98	4	84
333	Influence of ethanol on lipid membranes: from lateral pressure profiles to dynamics and partitioning. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 4131-9	3.4	83
332	Role of phosphatidylglycerols in the stability of bacterial membranes. <i>Biochimie</i> , <b>2008</b> , 90, 930-8	4.6	83
331	Dual-color photoacoustic lymph node imaging using nanoformulated naphthalocyanines. <i>Biomaterials</i> , <b>2015</b> , 73, 142-8	15.6	82
330	Porphyrin FRET acceptors for apoptosis induction and monitoring. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 18580-2	16.4	80
329	Recent Progress in Upconversion Photodynamic Therapy. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	79
328	Helical structures drive early stages of self-assembly of amyloidogenic amyloid polypeptide aggregate formation in membranes. <i>Scientific Reports</i> , <b>2013</b> , 3, 2781	4.9	79
327	The good, the bad and the user in soft matter simulations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2016</b> , 1858, 2529-2538	3.8	77
326	Structure of spheroidal HDL particles revealed by combined atomistic and coarse-grained simulations. <i>Biophysical Journal</i> , <b>2008</b> , 94, 2306-19	2.9	76
325	Dynamics of water at membrane surfaces: Effect of headgroup structure. <i>Biointerphases</i> , <b>2006</b> , 1, 98-105	1.8	76
324	Inhibition of SARS-CoV-2 viral entry upon blocking N- and O-glycan elaboration. <i>ELife</i> , <b>2020</b> , 9,	8.9	76
323	Effects of molecular crowding on the dynamics of intrinsically disordered proteins. <i>PLoS ONE</i> , <b>2012</b> , 7, e49876	3.7	73
322	Methylene blue microbubbles as a model dual-modality contrast agent for ultrasound and activatable photoacoustic imaging. <i>Journal of Biomedical Optics</i> , <b>2014</b> , 19, 16005	3.5	72
321	Molecular dynamics study of charged dendrimers in salt-free solution: effect of counterions. <i>Journal of Chemical Physics</i> , <b>2006</b> , 124, 94904	3.9	70

320	On Coarse-Graining by the Inverse Monte Carlo Method: Dissipative Particle Dynamics Simulations Made to a Precise Tool in Soft Matter Modeling. <i>Soft Materials</i> , <b>2002</b> , 1, 121-137	1.7	70
319	Role of lipids in spheroidal high density lipoproteins. <i>PLoS Computational Biology</i> , <b>2010</b> , 6, e1000964	5	69
318	Free Volume Properties of Sphingomyelin, DMPC, DPPC, and PLPC Bilayers. <i>Journal of Computational and Theoretical Nanoscience</i> , <b>2005</b> , 2, 401-413	0.3	69
317	Effect of melatonin and cholesterol on the structure of DOPC and DPPC membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2013</b> , 1828, 2247-54	3.8	68
316	Porphyrin-cross-linked hydrogel for fluorescence-guided monitoring and surgical resection. <i>Biomacromolecules</i> , <b>2011</b> , 12, 3115-8	6.9	68
315	Replacing the cholesterol hydroxyl group with the ketone group facilitates sterol flip-flop and promotes membrane fluidity. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 1946-52	3.4	68
314	Static charges cannot drive a continuous flow of water molecules through a carbon nanotube. <i>Nature Nanotechnology</i> , <b>2010</b> , 5, 555-7	28.7	67
313	Bilayer Deformation, Pores, and Micellation Induced by Oxidized Lipids. <i>Journal of Physical Chemistry Letters</i> , <b>2015</b> , 6, 4884-8	6.4	66
312	Co-delivery of Bee Venom Melittin and a Photosensitizer with an Organic-Inorganic Hybrid Nanocarrier for Photodynamic Therapy and Immunotherapy. <i>ACS Nano</i> , <b>2019</b> , 13, 12638-12652	16.7	64
311	Effect of monovalent salt on cationic lipid membranes as revealed by molecular dynamics simulations. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 21126-34	3.4	64
310	A malaria vaccine adjuvant based on recombinant antigen binding to liposomes. <i>Nature Nanotechnology</i> , <b>2018</b> , 13, 1174-1181	28.7	63
309	Influence of pyrene-labeling on fluid lipid membranes. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 15403-10	3.0	62
308	Electrorotation in graded colloidal suspensions. <i>Physical Review E</i> , <b>2003</b> , 67, 051405	2.4	62
307	Roles of electrostatics and conformation in protein-crystal interactions. <i>PLoS ONE</i> , <b>2010</b> , 5, e9330	3.7	61
306	Surfactant-Stripped Micelles for NIR-II Photoacoustic Imaging through 12 cm of Breast Tissue and Whole Human Breasts. <i>Advanced Materials</i> , <b>2019</b> , 31, e1902279	24	60
305	Metalloporphyrin Nanoparticles: Coordinating Diverse Theranostic Functions. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 379, 99-120	23.2	60
304	Coarse-grained model for phospholipid/cholesterol bilayer employing inverse Monte Carlo with thermodynamic constraints. <i>Journal of Chemical Physics</i> , <b>2007</b> , 126, 075101	3.9	58
303	Micelle fission through surface instability and formation of an interdigitating stalk. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 17977-80	16.4	57

302	Glycolipid membranes through atomistic simulations: effect of glucose and galactose head groups on lipid bilayer properties. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 10146-54	3-4	57
301	Effects of the lipid bilayer phase state on the water membrane interface. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 11784-92	3-4	55
300	Chapter 2 Electrostatics in Biomolecular Simulations: Where Are We Now and Where Are We Heading?. <i>Current Topics in Membranes</i> , <b>2008</b> , 60, 49-89	2.2	55
299	Mechanisms of Light-induced Liposome Permeabilization. <i>Bioengineering and Translational Medicine</i> , <b>2016</b> , 1, 267-276	14.8	55
298	Effect of double bond position on lipid bilayer properties: insight through atomistic simulations. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 11162-8	3-4	54
297	A porphyrin-PEG polymer with rapid renal clearance. <i>Biomaterials</i> , <b>2016</b> , 76, 25-32	15.6	53
296	Role of cardiolipins in the inner mitochondrial membrane: insight gained through atom-scale simulations. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 3413-22	3-4	53
295	Dielectric properties of nanostructured polypropylene-polyhedral oligomeric silsesquioxane compounds. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , <b>2008</b> , 15, 40-51	2.3	53
294	Irradiated tumor cell-derived microparticles mediate tumor eradication via cell killing and immune reprogramming. <i>Science Advances</i> , <b>2020</b> , 6, eaay9789	14.3	52
293	Therapeutic surfactant-stripped frozen micelles. <i>Nature Communications</i> , <b>2016</b> , 7, 11649	17.4	52
292	Three-dimensional "Mercedes-Benz" model for water. <i>Journal of Chemical Physics</i> , <b>2009</b> , 131, 054505	3.9	52
291	Stencils with isotropic discretization error for differential operators. <i>Numerical Methods for Partial Differential Equations</i> , <b>2006</b> , 22, 936-953	2.5	52
290	Liposomal formulations of photosensitizers. <i>Biomaterials</i> , <b>2019</b> , 218, 119341	15.6	51
289	In situ nanoparticle size measurements of gas-borne silicon nanoparticles by time-resolved laser-induced incandescence. <i>Applied Physics B: Lasers and Optics</i> , <b>2014</b> , 116, 623-636	1.9	51
288	Long-time correlations and hydrophobe-modified hydrogen-bonding dynamics in hydrophobic hydration. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 9362-8	16.4	51
287	Phase diagram and commensurate-incommensurate transitions in the phase field crystal model with an external pinning potential. <i>Physical Review E</i> , <b>2006</b> , 74, 021104	2.4	51
286	Surfactant-Stripped Frozen Pheophytin Micelles for Multimodal Gut Imaging. <i>Advanced Materials</i> , <b>2016</b> , 28, 8524-8530	24	50
285	Intrabilayer Cu Labeling of Photoactivatable, Doxorubicin-Loaded Stealth Liposomes. <i>ACS Nano</i> , <b>2017</b> , 11, 12482-12491	16.7	50

284	Assessment of Common Simulation Protocols for Simulations of Nanopores, Membrane Proteins, and Channels. <i>Journal of Chemical Theory and Computation</i> , <b>2012</b> , 8, 2905-11	6.4	50
283	Role of glycolipids in lipid rafts: a view through atomistic molecular dynamics simulations with galactosylceramide. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 7797-807	3.4	50
282	Opportunities for Photoacoustic-Guided Drug Delivery. <i>Current Drug Targets</i> , <b>2015</b> , 16, 571-81	3	50
281	Systematic coarse graining from structure using internal states: application to phospholipid/cholesterol bilayer. <i>Journal of Chemical Physics</i> , <b>2009</b> , 131, 055101	3.9	49
280	Significance of cholesterol methyl groups. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 2922-9	3.4	49
279	Nanomedical engineering: shaping future nanomedicines. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2015</b> , 7, 169-88	9.2	48
278	Enhanced drug delivery using sonoactivatable liposomes with membrane-embedded porphyrins. <i>Journal of Controlled Release</i> , <b>2018</b> , 286, 358-368	11.7	48
277	Influence of cis double-bond parametrization on lipid membrane properties: how seemingly insignificant details in force-field change even qualitative trends. <i>Journal of Chemical Physics</i> , <b>2008</b> , 129, 105103	3.9	48
276	Electrically Conductive Metal Polymer Nanocomposites for Electronics Applications. <i>Journal of Electronic Materials</i> , <b>2008</b> , 37, 951-954	1.9	47
275	Water isotope effect on the phosphatidylcholine bilayer properties: a molecular dynamics simulation study. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 2378-87	3.4	46
274	Strain hardening, avalanches, and strain softening in dense cross-linked actin networks. <i>Physical Review E</i> , <b>2008</b> , 77, 051913	2.4	46
273	Deep tissue photoacoustic computed tomography with a fast and compact laser system. <i>Biomedical Optics Express</i> , <b>2017</b> , 8, 112-123	3.5	45
272	Molecular dynamics, crystallography and mutagenesis studies on the substrate gating mechanism of prolyl oligopeptidase. <i>Biochimie</i> , <b>2012</b> , 94, 1398-411	4.6	43
271	Analytical model and multiscale simulations of A $\beta$ peptide aggregation in lipid membranes: towards a unifying description of conformational transitions, oligomerization and membrane damage. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 8940-51	3.6	43
270	Hydrophobicity within the three-dimensional Mercedes-Benz model: potential of mean force. <i>Journal of Chemical Physics</i> , <b>2011</b> , 134, 065106	3.9	42
269	Nanobowl-Supported Liposomes Improve Drug Loading and Delivery. <i>Nano Letters</i> , <b>2020</b> , 20, 4177-4187	11.5	41
268	Porphyrin-phospholipid liposomes with tunable leakiness. <i>Journal of Controlled Release</i> , <b>2015</b> , 220, 484-494	4.7	40
267	Sphingomyelin Liposomes Containing Porphyrin-phospholipid for Irinotecan Chemophototherapy. <i>Theranostics</i> , <b>2016</b> , 6, 2329-2336	12.1	40

266	Tumor priming using metronomic chemotherapy with neovasculature-targeted, nanoparticulate paclitaxel. <i>Biomaterials</i> , <b>2016</b> , 95, 60-73	15.6	40
265	The extracellular gate shapes the energy profile of an ABC exporter. <i>Nature Communications</i> , <b>2019</b> , 10, 2260	17.4	39
264	Lipid monolayer disruption caused by aggregated carbon nanoparticles. <i>RSC Advances</i> , <b>2015</b> , 5, 11676-11685	3.7	39
263	Simulations of micellization of sodium hexyl sulfate. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 1403-10	3.4	39
262	Microsecond molecular dynamics simulations of intrinsically disordered proteins involved in the oxidative stress response. <i>PLoS ONE</i> , <b>2011</b> , 6, e27371	3.7	39
261	Structural effects of small molecules on phospholipid bilayers investigated by molecular simulations. <i>Fluid Phase Equilibria</i> , <b>2004</b> , 225, 63-68	2.5	39
260	Molecular dynamics study of oxidized lipid bilayers in NaCl solution. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 8490-501	3.4	38
259	Low density lipoprotein: structure, dynamics, and interactions of apoB-100 with lipids. <i>Soft Matter</i> , <b>2011</b> , 7, 8135	3.6	38
258	Fluctuating lattice-Boltzmann model for complex fluids. <i>Journal of Chemical Physics</i> , <b>2011</b> , 134, 064902	3.9	38
257	SARS-CoV-2 RBD Neutralizing Antibody Induction is Enhanced by Particulate Vaccination. <i>Advanced Materials</i> , <b>2020</b> , 32, e2005637	24	38
256	Multifunctional Liposomes for Image-Guided Intratumoral Chemo-Phototherapy. <i>Advanced Healthcare Materials</i> , <b>2017</b> , 6, 1700253	10.1	37
255	Ion dynamics in cationic lipid bilayer systems in saline solutions. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 9226-34	3.4	37
254	Mitochondrial membranes with mono- and divalent salt: changes induced by salt ions on structure and dynamics. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 15513-21	3.4	36
253	Comparison of cholesterol and its direct precursors along the biosynthetic pathway: effects of cholesterol, desmosterol and 7-dehydrocholesterol on saturated and unsaturated lipid bilayers. <i>Journal of Chemical Physics</i> , <b>2008</b> , 129, 154508	3.9	36
252	Transient ordered domains in single-component phospholipid bilayers. <i>Physical Review Letters</i> , <b>2006</b> , 97, 238102	7.4	36
251	Targeting CAMKII to reprogram tumor-associated macrophages and inhibit tumor cells for cancer immunotherapy with an injectable hybrid peptide hydrogel. <i>Theranostics</i> , <b>2020</b> , 10, 3049-3063	12.1	34
250	Molecular dynamics simulations of the bacterial ABC transporter SAV1866 in the closed form. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 2934-42	3.4	34
249	Phosphorylation of Ser136 is critical for potent bone sialoprotein-mediated nucleation of hydroxyapatite crystals. <i>Biochemical Journal</i> , <b>2010</b> , 428, 385-95	3.8	34

248	Long-range interactions and parallel scalability in molecular simulations. <i>Computer Physics Communications</i> , <b>2007</b> , 176, 14-22	4.2	34
247	Surfactant-stripped naphthalocyanines for multimodal tumor theranostics with upconversion guidance cream. <i>Nanoscale</i> , <b>2017</b> , 9, 3391-3398	7.7	33
246	Scale-Dependent Miscibility of Polylactide and Polyhydroxybutyrate: Molecular Dynamics Simulations. <i>Macromolecules</i> , <b>2018</b> , 51, 552-563	5.5	33
245	Melatonin directly interacts with cholesterol and alleviates cholesterol effects in dipalmitoylphosphatidylcholine monolayers. <i>Soft Matter</i> , <b>2014</b> , 10, 206-13	3.6	33
244	Crumpling of a stiff tethered membrane. <i>Physical Review Letters</i> , <b>2004</b> , 93, 244301	7.4	33
243	Pharmacokinetics and pharmacodynamics of liposomal chemophototherapy with short drug-light intervals. <i>Journal of Controlled Release</i> , <b>2019</b> , 297, 39-47	11.7	32
242	Accelerating the Conformational Sampling of Intrinsically Disordered Proteins. <i>Journal of Chemical Theory and Computation</i> , <b>2014</b> , 10, 5081-94	6.4	31
241	Integrated Combination Treatment Using a Smart Chemotherapy and MicroRNA Delivery System Improves Outcomes in an Orthotopic Colorectal Cancer Model. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1801118	15.6	30
240	Metal Chelation Modulates Phototherapeutic Properties of Mitoxantrone-Loaded Porphyrin-Phospholipid Liposomes. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 420-7	5.6	30
239	Molecular dynamics simulations reveal fundamental role of water as factor determining affinity of binding of beta-blocker nebivolol to beta(2)-adrenergic receptor. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 8374-86	3.4	30
238	Response to comment by Almeida et al.: free area theories for lipid bilayers--predictive or not?. <i>Biophysical Journal</i> , <b>2005</b> , 89, 745-52	2.9	30
237	Directed vaccination against pneumococcal disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 6898-903	11.5	29
236	Vessel-Targeted Chemophototherapy with Cationic Porphyrin-Phospholipid Liposomes. <i>Molecular Cancer Therapeutics</i> , <b>2017</b> , 16, 2452-2461	6.1	29
235	Folding and insertion thermodynamics of the transmembrane WALP peptide. <i>Journal of Chemical Physics</i> , <b>2015</b> , 143, 243127	3.9	29
234	Water dynamics: relation between hydrogen bond bifurcations, molecular jumps, local density & hydrophobicity. <i>Scientific Reports</i> , <b>2013</b> , 3, 2991	4.9	29
233	Atomistic Mechanism of Large-Scale Conformational Transition in a Heterodimeric ABC Exporter. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 4543-4551	16.4	28
232	Lipid domain morphologies in phosphatidylcholine-ceramide monolayers. <i>Langmuir</i> , <b>2009</b> , 25, 4595-600	4	28
231	Biomimetic Liposomal Nanoplatinum for Targeted Cancer Chemophototherapy. <i>Advanced Science</i> , <b>2021</b> , 8, 2003679	13.6	28

230	Effect of Cholesterol on Cellular Uptake of Cancer Drugs Pirarubicin and Ellipticine. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 3148-56	3.4	28
229	Molecular dynamics simulations of lipid membranes with lateral force: rupture and dynamic properties. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2014</b> , 1838, 994-1002	3.8	27
228	Use of Umbrella Sampling to Calculate the Entrance/Exit Pathway for Z-Pro-Prolinal Inhibitor in Prolyl Oligopeptidase. <i>Journal of Chemical Theory and Computation</i> , <b>2011</b> , 7, 1583-94	6.4	27
227	Hydroxyapatite Growth Inhibition Effect of Pellicle Statherin Peptides. <i>Journal of Dental Research</i> , <b>2015</b> , 94, 1106-12	8.1	26
226	Dehydroergosterol as an analogue for cholesterol: why it mimics cholesterol so well-or does it?. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 7345-57	3.4	26
225	Molecular dynamics simulations of DPPC/CTAB monolayers at the air/water interface. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 11723-37	3.4	26
224	Thermal accommodation coefficients for laser-induced incandescence sizing of metal nanoparticles in monatomic gases. <i>Applied Physics B: Lasers and Optics</i> , <b>2013</b> , 112, 409-420	1.9	26
223	Mechanism of inhibition of calcium oxalate crystal growth by an osteopontin phosphopeptide. <i>Soft Matter</i> , <b>2012</b> , 8, 1226-1233	3.6	26
222	Binding of disordered proteins to a protein hub. <i>Scientific Reports</i> , <b>2013</b> , 3, 2305	4.9	26
221	USP7 targeting modulates anti-tumor immune response by reprogramming Tumor-associated Macrophages in Lung Cancer. <i>Theranostics</i> , <b>2020</b> , 10, 9332-9347	12.1	26
220	Role of nanoparticle-mediated immunogenic cell death in cancer immunotherapy. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 16, 129-132	9	26
219	Nonlinear driven response of a phase-field crystal in a periodic pinning potential. <i>Physical Review E</i> , <b>2009</b> , 79, 011606	2.4	25
218	Implantable Tin Porphyrin-PEG Hydrogels with pH-Responsive Fluorescence. <i>Biomacromolecules</i> , <b>2017</b> , 18, 562-567	6.9	24
217	Coherent-weighted three-dimensional image reconstruction in linear-array-based photoacoustic tomography. <i>Biomedical Optics Express</i> , <b>2016</b> , 7, 1957-65	3.5	24
216	Facile synthesis of advanced photodynamic molecular beacon architectures. <i>Bioconjugate Chemistry</i> , <b>2010</b> , 21, 1023-5	6.3	23
215	Dielectrophoresis of nanocolloids: a molecular dynamics study. <i>European Physical Journal E</i> , <b>2005</b> , 18, 133-42	1.5	23
214	Alpha-tocopherol inhibits pore formation in oxidized bilayers. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 5699-5704	3.6	22
213	Binding of Disordered Peptides to Kelch: Insights from Enhanced Sampling Simulations. <i>Journal of Chemical Theory and Computation</i> , <b>2016</b> , 12, 395-404	6.4	22

212	A molecular dynamics study of conformations of beta-cyclodextrin and its eight derivatives in four different solvents. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 24219-24229	3.6	22
211	Cationic dimyristoylphosphatidylcholine and dioleoyltrimethylammonium propane lipid bilayers: atomistic insight for structure and dynamics. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 269-76	3.4	22
210	Molecular dynamic studies of transportan interacting with a DPPC lipid bilayer. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 230-41	3.4	22
209	Phosphorylation of osteopontin peptides mediates adsorption to and incorporation into calcium oxalate crystals. <i>Cells Tissues Organs</i> , <b>2009</b> , 189, 51-5	2.1	22
208	Stearic acid spin labels in lipid bilayers: insight through atomistic simulations. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 12447-53	3.4	22
207	Current taxane formulations and emerging cabazitaxel delivery systems. <i>Nano Research</i> , <b>2018</b> , 11, 5193-5218	5.0	22
206	Insights into the Polyhexamethylene Biguanide (PHMB) Mechanism of Action on Bacterial Membrane and DNA: A Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 4487-4497	3.4	21
205	Multicolor Liposome Mixtures for Selective and Selectable Cargo Release. <i>Nano Letters</i> , <b>2018</b> , 18, 1331-1336	1.3	21
204	Why is the sn-2 chain of monounsaturated glycerophospholipids usually unsaturated whereas the sn-1 chain is saturated? Studies of 1-stearoyl-2-oleoyl-sn-glycero-3-phosphatidylcholine (SOPC) and 1-oleoyl-2-stearoyl-sn-glycero-3-phosphatidylcholine (OSPC) membranes with and without cholesterol. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 8347-56	3.4	21
203	Stimulus-Responsive Nanomedicines for Disease Diagnosis and Treatment. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	21
202	Morphological transitions and bistability in Turing systems. <i>Physical Review E</i> , <b>2004</b> , 70, 066202	2.4	20
201	Electrokinetic behavior of two touching inhomogeneous biological cells and colloidal particles: effects of multipolar interactions. <i>Physical Review E</i> , <b>2004</b> , 69, 051402	2.4	20
200	A new dimension to Turing patterns. <i>Physica D: Nonlinear Phenomena</i> , <b>2002</b> , 168-169, 35-44	3.3	20
199	Dielectrophoresis of charged colloidal suspensions. <i>Physical Review E</i> , <b>2003</b> , 67, 021403	2.4	20
198	Highly-Soluble Cyanine J-aggregates Entrapped by Liposomes for Optical Imaging around 930 nm. <i>Theranostics</i> , <b>2019</b> , 9, 381-390	12.1	20
197	Indocyanine green binds to DOTAP liposomes for enhanced optical properties and tumor photoablation. <i>Biomaterials Science</i> , <b>2019</b> , 7, 3158-3164	7.4	19
196	Symmetry-breaking transitions in the early steps of protein self-assembly. <i>European Biophysics Journal</i> , <b>2020</b> , 49, 175-191	1.9	19
195	Binding of an amphiphilic phthalocyanine to pre-formed liposomes confers light-triggered cargo release. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 7298-7305	7.3	19

194	Design and Characterization of a Multifunctional pH-Triggered Peptide C8 for Selective Anticancer Activity. <i>Advanced Healthcare Materials</i> , <b>2015</b> , 4, 2709-18	10.1	19
193	Phase-field-crystal model for magnetocrystalline interactions in isotropic ferromagnetic solids. <i>Physical Review E</i> , <b>2013</b> , 88, 032407	2.4	19
192	Citrate modulates calcium oxalate crystal growth by face-specific interactions. <i>Cells Tissues Organs</i> , <b>2011</b> , 194, 176-81	2.1	19
191	Interaction of fusidic acid with lipid membranes: Implications to the mechanism of antibiotic activity. <i>Biophysical Journal</i> , <b>2006</b> , 91, 1787-99	2.9	19
190	Exploring the effect of xenon on biomembranes. <i>Cellular and Molecular Biology Letters</i> , <b>2005</b> , 10, 563-9	8.1	19
189	Molecular dynamics simulation of thermal accommodation coefficients for laser-induced incandescence sizing of nickel particles. <i>Applied Physics B: Lasers and Optics</i> , <b>2012</b> , 107, 221-228	1.9	18
188	Cutting ice: nanowire regelation. <i>Physical Review Letters</i> , <b>2010</b> , 105, 086102	7.4	18
187	Hydrophobic interactions in the formation of secondary structures in small peptides. <i>Physical Review E</i> , <b>2011</b> , 84, 041931	2.4	18
186	Antibody response of a particle-inducing, liposome vaccine adjuvant admixed with a Pfs230 fragment. <i>Npj Vaccines</i> , <b>2020</b> , 5, 23	9.5	17
185	Biopolymer filtration in corrugated nanochannels. <i>Physical Review Letters</i> , <b>2014</b> , 112, 118301	7.4	17
184	Mimicking the biomolecular control of calcium oxalate monohydrate crystal growth: effect of contiguous glutamic acids. <i>Langmuir</i> , <b>2012</b> , 28, 12182-90	4	17
183	Naphthalocyanines as contrast agents for photoacoustic and multimodal imaging. <i>Biomedical Engineering Letters</i> , <b>2018</b> , 8, 215-221	3.6	16
182	Design of Hydrated Porphyrin-Phospholipid Bilayers with Enhanced Magnetic Resonance Contrast. <i>Small</i> , <b>2017</b> , 13, 1602505	11	16
181	Optically controlled pore formation in self-sealing giant porphyrin vesicles. <i>Small</i> , <b>2014</b> , 10, 1184-93	11	16
180	The use of nanoparticulate delivery systems in metronomic chemotherapy. <i>Biomaterials</i> , <b>2013</b> , 34, 3925-3937	10.7	16
179	Investigating the specific uptake of EGF-conjugated nanoparticles in lung cancer cells using fluorescence imaging. <i>Cancer Nanotechnology</i> , <b>2010</b> , 1, 71-78	7.9	16
178	Characterization of Sphingosine Phosphatidylcholine Monolayers: Effects of DNA. <i>Langmuir</i> , <b>2003</b> , 19, 8956-8963	4	16
177	Stability of charge inversion, Thomson problem, and application to electrophoresis. <i>Physical Review E</i> , <b>2003</b> , 67, 031402	2.4	16

176	Collapses and explosions in self-gravitating systems. <i>Physical Review E</i> , <b>2003</b> , 68, 036117	2.4	16
175	Structural effects of small molecules on phospholipid bilayers investigated by molecular simulations. <i>Fluid Phase Equilibria</i> , <b>2005</b> , 228-229, 135-140	2.5	16
174	Defects, Order, and Hysteresis in Driven Charge-Density Waves. <i>Physical Review Letters</i> , <b>1999</b> , 83, 3518-3521	3.2	16
173	Fast Stereolithography Printing of Large-Scale Biocompatible Hydrogel Models. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2002103	10.1	16
172	Does $\alpha$ -Tocopherol Flip-Flop Help to Protect Membranes Against Oxidation?. <i>Journal of Physical Chemistry B</i> , <b>2018</b> , 122, 10362-10370	3.4	16
171	Quantitative imaging of light-triggered doxorubicin release. <i>Biomedical Optics Express</i> , <b>2015</b> , 6, 3546-55	3.5	15
170	Short Drug-Light Intervals Improve Liposomal Chemophototherapy in Mice Bearing MIA PaCa-2 Xenografts. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 3682-3689	5.6	15
169	Early stages of interactions of cell-penetrating peptide penetratin with a DPPC bilayer. <i>Chemistry and Physics of Lipids</i> , <b>2013</b> , 169, 85-94	3.7	15
168	Aster formation and rupture transition in semi-flexible fiber networks with mobile cross-linkers. <i>Soft Matter</i> , <b>2009</b> , 5, 2869	3.6	15
167	Overbinding and Qualitative and Quantitative Changes Caused by Simple Na and K Ions in Polyelectrolyte Simulations: Comparison of Force Fields with and without NBFIX and ECC Corrections. <i>Journal of Chemical Theory and Computation</i> , <b>2020</b> , 16, 677-687	6.4	15
166	A Potent Cancer Vaccine Adjuvant System for Particleization of Short, Synthetic CD8 T Cell Epitopes. <i>ACS Nano</i> , <b>2021</b> , 15, 4357-4371	16.7	15
165	Prediction of Binding Energy of Keap1 Interaction Motifs in the Nrf2 Antioxidant Pathway and Design of Potential High-Affinity Peptides. <i>Journal of Physical Chemistry B</i> , <b>2018</b> , 122, 5851-5859	3.4	15
164	Molecular dynamics simulation of water permeation through the alpha-hemolysin channel. <i>Journal of Biological Physics</i> , <b>2016</b> , 42, 133-46	1.6	14
163	Pulling of double-stranded DNA by atomic force microscopy: a simulation in atomistic details. <i>RSC Advances</i> , <b>2013</b> , 3, 10516	3.7	14
162	Porphyrins and phthalocyanines for theranostics. <i>Theranostics</i> , <b>2012</b> , 2, 815-6	12.1	14
161	Improved general-purpose five-point model for water: TIP5P/2018. <i>Journal of Chemical Physics</i> , <b>2018</b> , 149, 224507	3.9	14
160	Molecular dynamics study of natural rubber-fullerene composites: connecting microscopic properties to macroscopic behavior. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 19403-19413	3.6	13
159	Conformational biases of linear motifs. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 15943-57	3.4	13

158	Hydrodynamic effects on confined polymers. <i>Soft Matter</i> , <b>2013</b> , 9, 3478	3.6	13
157	Programmed nanoparticle aggregation using molecular beacons. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 7917-9	16.4	13
156	Anomalously slow phase transitions in self-gravitating systems. <i>Physical Review E</i> , <b>2004</b> , 70, 026102	2.4	13
155	Blood Interactions, Pharmacokinetics, and Depth-Dependent Ablation of Rat Mammary Tumors with Photoactivatable, Liposomal Doxorubicin. <i>Molecular Cancer Therapeutics</i> , <b>2019</b> , 18, 592-601	6.1	13
154	Loading and Releasing Ciprofloxacin in Photoactivatable Liposomes. <i>Biochemical Engineering Journal</i> , <b>2019</b> , 141, 43-48	4.2	13
153	Biomimetic, Hypoxia-Responsive Nanoparticles Overcome Residual Chemoresistant Leukemic Cells with Co-Targeting of Therapy-Induced Bone Marrow Niches. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2000309	15.6	13
152	Modeling glycolipids: take one. <i>Cellular and Molecular Biology Letters</i> , <b>2005</b> , 10, 625-30	8.1	13
151	Membrane Disruption by Very Long Chain Fatty Acids during Necroptosis. <i>ACS Chemical Biology</i> , <b>2019</b> , 14, 2286-2294	4.9	12
150	Chemical modification of nanocrystalline cellulose for improved interfacial compatibility with poly(lactic acid). <i>Mendeleev Communications</i> , <b>2019</b> , 29, 220-222	1.9	12
149	Hydrophobicity: effect of density and order on water's rotational slowing down. <i>Soft Matter</i> , <b>2015</b> , 11, 7977-85	3.6	12
148	Nucleation, Growth, and Scaling in Slow Combustion. <i>Journal of Statistical Physics</i> , <b>1998</b> , 90, 1401-1411	1.5	12
147	Nonpolar interactions between trans-membrane helical EGF peptide and phosphatidylcholines, sphingomyelins and cholesterol. Molecular dynamics simulation studies. <i>Journal of Peptide Science</i> , <b>2008</b> , 14, 374-82	2.1	12
146	Turing systems as models of complex pattern formation. <i>Brazilian Journal of Physics</i> , <b>2004</b> , 34, 368	1.2	12
145	Surfactant-Stripped Pheophytin Micelles for Multimodal Tumor Imaging and Photodynamic Therapy. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 544-554	4.1	12
144	Molecular Dynamics Simulations of Polymer-Ionic Liquid (1-Ethyl-3-methylimidazolium Tetracyanoborate) Ternary Electrolyte for Sodium and Potassium Ion Batteries. <i>Journal of Chemical Information and Modeling</i> , <b>2020</b> , 60, 485-499	6.1	12
143	Modeling the behavior of confined colloidal particles under shear flow. <i>Soft Matter</i> , <b>2014</b> , 10, 8724-30	3.6	11
142	Enzymatic Regioselection for the Synthesis and Biodegradation of Porphysome Nanovesicles. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 2479-2483	3.6	11
141	Spectral representation of the effective dielectric constant of graded composites. <i>Physical Review E</i> , <b>2005</b> , 72, 016613	2.4	11

140	Light-Triggered Efficient Sequential Drug Delivery of Biomimetic Nanosystem for Multimodal Chemo-, Antiangiogenic, and Anti-MDSC Therapy in Melanoma.. <i>Advanced Materials</i> , <b>2022</b> , e2106682	24	11
139	Dependence of fullerene aggregation on lipid saturation due to a balance between entropy and enthalpy. <i>Scientific Reports</i> , <b>2019</b> , 9, 1037	4.9	11
138	Ingestible Contrast Agents for Gastrointestinal Imaging. <i>ChemBioChem</i> , <b>2019</b> , 20, 462-473	3.8	11
137	(99m)Tc-labeled porphyrin-lipid nanovesicles. <i>Journal of Liposome Research</i> , <b>2015</b> , 25, 101-6	6.1	10
136	Manipulation of Diatomic Molecules with Oriented External Electric Fields: Linear Correlations in Atomic Properties Lead to Nonlinear Molecular Responses. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 4720-4731	2.8	10
135	Molecular dynamics study of prolyl oligopeptidase with inhibitor in binding cavity. <i>SAR and QSAR in Environmental Research</i> , <b>2009</b> , 20, 595-609	3.5	10
134	Molecular dynamics simulations of the enzyme catechol-O-methyltransferase: methodological issues. <i>SAR and QSAR in Environmental Research</i> , <b>2008</b> , 19, 179-89	3.5	10
133	Cell aggregation: packing soft grains. <i>Physical Review E</i> , <b>2006</b> , 73, 062301	2.4	10
132	The Effect of Noise on Turing Patterns. <i>Progress of Theoretical Physics Supplement</i> , <b>2003</b> , 150, 367-370		10
131	Immunogenicity of the Lyme disease antigen OspA, particleized by cobalt porphyrin-phospholipid liposomes. <i>Vaccine</i> , <b>2020</b> , 38, 942-950	4.1	10
130	Antibiotic Cross-linked Micelles with Reduced Toxicity for Multidrug-Resistant Bacterial Sepsis Treatment. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 9630-9642	9.5	10
129	Propulsion and controlled steering of magnetic nanohelices. <i>Soft Matter</i> , <b>2019</b> , 15, 1684-1691	3.6	9
128	Sulfonated Polyethylenimine for Photosensitizer Conjugation and Targeting. <i>Bioconjugate Chemistry</i> , <b>2015</b> , 26, 1633-9	6.3	9
127	Characterization of the Free State Ensemble of the CoRNR Box Motif by Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 1060-8	3.4	9
126	A multifunctional biodegradable brush polymer-drug conjugate for paclitaxel/gemcitabine co-delivery and tumor imaging. <i>Nanoscale Advances</i> , <b>2019</b> , 1, 2761-2771	5.1	9
125	A dual-channel endoscope for quantitative imaging, monitoring, and triggering of doxorubicin release from liposomes in living mice. <i>Scientific Reports</i> , <b>2017</b> , 7, 15578	4.9	9
124	Ab initio simulations of peptide-mineral interactions. <i>Physics Procedia</i> , <b>2010</b> , 4, 51-60		9
123	Enhanced dielectrophoresis of nanocolloids by dimer formation. <i>Europhysics Letters</i> , <b>2007</b> , 78, 48004	1.6	9

122	DIMENSIONALITY EFFECTS IN TURING PATTERN FORMATION. <i>International Journal of Modern Physics B</i> , <b>2003</b> , 17, 5541-5553	1.1	9
121	An Engineered Biomimetic MPER Peptide Vaccine Induces Weakly HIV Neutralizing Antibodies in Mice. <i>Annals of Biomedical Engineering</i> , <b>2020</b> , 48, 1991-2001	4.7	9
120	Lyophilized, antigen-bound liposomes with reduced MPLA and enhanced thermostability. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 589, 119843	6.5	9
119	Getting excited: challenges in quantum-classical studies of excitons in polymeric systems. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 30297-30304	3.6	9
118	Detection of Sunlight Exposure with Solar-Sensitive Liposomes that Capture and Release Food Dyes. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 2739-2747	5.6	9
117	Relieving immunosuppression during long-term anti-angiogenesis therapy using photodynamic therapy and oxygen delivery. <i>Nanoscale</i> , <b>2020</b> , 12, 14788-14800	7.7	8
116	A molecular dynamics implementation of the 3D Mercedes-Benz water model. <i>Computer Physics Communications</i> , <b>2012</b> , 183, 363-369	4.2	8
115	Phase diagram of pinned lattices in the phase field crystal model. <i>Journal of Physics: Conference Series</i> , <b>2008</b> , 100, 072001	0.3	8
114	Ab initio calculations of optical properties of silver clusters: cross-over from molecular to nanoscale behavior. <i>European Physical Journal B</i> , <b>2016</b> , 89, 1	1.2	8
113	A new model for cell division and migration with spontaneous topology changes. <i>Soft Matter</i> , <b>2014</b> , 10, 4332-9	3.6	7
112	Combined depletion and electrostatic forces in polymer-induced membrane adhesion: a theoretical model. <i>Journal of Chemical Physics</i> , <b>2012</b> , 136, 055101	3.9	7
111	Particle-based, Pfs230 and Pfs25 immunization is effective, but not improved by duplexing at fixed total antigen dose. <i>Malaria Journal</i> , <b>2020</b> , 19, 309	3.6	7
110	Singlet oxygen partition between the outer-, inner- and membrane-phases of photo/chemotherapeutic liposomes. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 25054-25064	3.6	7
109	Thermoplasmonic Response of Semiconductor Nanoparticles: A Comparison with Metals. <i>Advanced Theory and Simulations</i> , <b>2019</b> , 2, 1800100	3.5	7
108	Experimental and Computational Observations of Immunogenic Cobalt Porphyrin Lipid Bilayers: Nanodomain-Enhanced Antigen Association. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	7
107	HPV-Associated Tumor Eradication by Vaccination with Synthetic Short Peptides and Particle-Forming Liposomes. <i>Small</i> , <b>2021</b> , 17, e2007165	11	7
106	Ingestible roasted barley for contrast-enhanced photoacoustic imaging in animal and human subjects. <i>Biomaterials</i> , <b>2018</b> , 175, 72-81	15.6	7
105	Bimodal Targeting Using Sulfonated, Mannosylated PEI for Combined Gene Delivery and Photodynamic Therapy. <i>Photochemistry and Photobiology</i> , <b>2017</b> , 93, 600-608	3.6	6

104	Formation of aggregates, icosahedral structures and percolation clusters of fullerenes in lipids bilayers: The key role of lipid saturation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2020</b> , 1862, 1833-1838	3.8	6
103	Molecular dynamics simulations and Kelvin probe force microscopy to study of cholesterol-induced electrostatic nanodomains in complex lipid mixtures. <i>Soft Matter</i> , <b>2017</b> , 13, 355-362	3.6	6
102	Reversible Micro- and Nano- Phase Programming of Anthraquinone Thermochromism Using Blended Block Copolymers. <i>Langmuir</i> , <b>2015</b> , 31, 13488-93	4	6
101	Fracture in mesoscopic disordered systems. <i>Physical Review B</i> , <b>1994</b> , 49, 9453-9459	3.3	6
100	Traceless antibiotic-crosslinked micelles for rapid clearance of intracellular bacteria. <i>Journal of Controlled Release</i> , <b>2021</b> , 341, 329-340	11.7	6
99	Self-Assembly of Phosphocholine Derivatives Using the ELBA Coarse-Grained Model: Micelles, Bicelles, and Reverse Micelles. <i>Journal of Chemical Information and Modeling</i> , <b>2020</b> , 60, 522-536	6.1	6
98	Grafted Dipolar Chains: Dipoles and Restricted Freedom Lead to Unexpected Hairpins. <i>Macromolecules</i> , <b>2020</b> , 53, 29-38	5.5	6
97	Delivery Strategies for Melittin-Based Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 17158-17173	9.5	6
96	Exploring the Conformational Landscape of the Neh4 and Neh5 Domains of Nrf2 Using Two Different Force Fields and Circular Dichroism. <i>Journal of Chemical Theory and Computation</i> , <b>2021</b> , 17, 3145-3156	6.4	6
95	Phospholipid-Cellulose Interactions: Insight from Atomistic Computer Simulations for Understanding the Impact of Cellulose-Based Materials on Plasma Membranes. <i>Journal of Physical Chemistry B</i> , <b>2018</b> , 122, 9973-9981	3.4	6
94	CellSim3D: GPU accelerated software for simulations of cellular growth and division in three dimensions. <i>Computer Physics Communications</i> , <b>2018</b> , 232, 206-213	4.2	6
93	Controlled propulsion and separation of helical particles at the nanoscale. <i>Soft Matter</i> , <b>2017</b> , 13, 2148-2154	3.5	5
92	Non-conformal coarse-grained potentials for water. <i>Journal of Chemical Physics</i> , <b>2017</b> , 147, 134108	3.9	5
91	Mineralization of phosphorylated cellulose: crucial role of surface structure and monovalent ions for optimizing calcium content. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 1067-1077	3.6	5
90	Co Complexes as Liposomal CEST Agents. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 12093-12097	10.7	5
89	Cancer Therapy: Integrated Combination Treatment Using a Smart Chemotherapy and MicroRNA Delivery System Improves Outcomes in an Orthotopic Colorectal Cancer Model (Adv. Funct. Mater. 28/2018). <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1870196	15.6	5
88	Adjuvant and Antigen Systems for Malaria Transmission-Blocking Vaccines. <i>Advanced Biology</i> , <b>2018</b> , 2, 1800011	3.5	5
87	Synthesis and Development of Lipoprotein-Based Nanocarriers for Light-Activated Theranostics. <i>Israel Journal of Chemistry</i> , <b>2012</b> , 52, 715-727	3.4	5

86	Instabilities and resistance fluctuations in thin accelerated superconducting rings. <i>Physical Review E</i> , <b>2002</b> , 66, 026115	2.4	5
85	Advanced Materials for SARS-CoV-2 Vaccines. <i>Advanced Materials</i> , <b>2021</b> , e2107781	24	5
84	Functional Oligomeric Forms of Uncoupling Protein 2: Strong Evidence for Asymmetry in Protein and Lipid Bilayer Systems. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 169-183	3.4	5
83	Solvent effects on optical excitations of poly para phenylene ethynylene studied by QM/MM simulations based on many-body Green's functions theory. <i>European Physical Journal: Special Topics</i> , <b>2016</b> , 225, 1743-1756	2.3	5
82	Differences in AC and DC large-area breakdown behavior of polymer thin films <b>2016</b> ,		5
81	Engineered Nanoparticle Applications for Recombinant Influenza Vaccines. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 576-592	5.6	5
80	A sulfobetaine zwitterionic polymer-drug conjugate for multivalent paclitaxel and gemcitabine co-delivery. <i>Biomaterials Science</i> , <b>2021</b> , 9, 5000-5010	7.4	5
79	Controlled On-Off Switching of Tight-Binding Hydrogen Bonds between Model Cell Membranes and Acetylated Cellulose Surfaces. <i>Langmuir</i> , <b>2019</b> , 35, 13753-13760	4	4
78	Antigen Engineering Approaches for Lyme Disease Vaccines. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 1259-1272	3	4
77	Surfactant-Stripped Cabazitaxel Micelles Stabilized by Clotrimazole or Mifepristone. <i>Advanced Therapeutics</i> , <b>2020</b> , 3, 1900161	4.9	4
76	Coll Complexes as Liposomal CEST Agents. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 12191-12195	3.6	4
75	Lipopeptide daptomycin: Interactions with bacterial and phospholipid membranes, stability of membrane aggregates and micellation in solution. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2018</b> , 1860, 1949-1954	3.8	4
74	Assessing Photosensitizer Targeting Using Meso-Tetra(Carboxyphenyl) Porphyrin. <i>Molecules</i> , <b>2018</b> , 23,	4.8	4
73	ROS-mediated cell death induced by mixed ligand copper(II) complexes of L-proline and diimine: effect of co-ligand. <i>Journal of Coordination Chemistry</i> , <b>2019</b> , 72, 3102-3127	1.6	4
72	PGlu-Modified Nanocrystalline Cellulose Improves Mechanical Properties, Biocompatibility, and Mineralization of Polyester-Based Composites. <i>Materials</i> , <b>2019</b> , 12,	3.5	4
71	Multiphase density functional theory parameterization of the interatomic potential for silver and gold. <i>European Physical Journal B</i> , <b>2013</b> , 86, 1	1.2	4
70	Myosin motor mediated contraction is enough to produce cytokinesis in the absence of polymerisation. <i>Soft Matter</i> , <b>2010</b> , 6, 5375	3.6	4
69	Computer Simulations of Deep Eutectic Solvents: Challenges, Solutions, and Perspectives.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	4

68	Design of a Thiol-Responsive, Traceless Prodrug with Rapid Self-Immolation for Cancer Chemotherapy.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 4982-4989	4.1	4
67	Surfactant-Stripped Micelles with Aggregation-Induced Enhanced Emission for Bimodal Gut Imaging In Vivo and Microbiota Tagging Ex Vivo. <i>Advanced Healthcare Materials</i> , <b>2021</b> , e2100356	10.1	4
66	Targeted Micellar Phthalocyanine for Lymph Node Metastasis Homing and Photothermal Therapy in an Orthotopic Colorectal Tumor Model. <i>Nano-Micro Letters</i> , <b>2021</b> , 13, 145	19.5	4
65	and design of cordycepin encapsulation in liposomes for colon cancer treatment.. <i>RSC Advances</i> , <b>2021</b> , 11, 8475-8484	3.7	4
64	Biphasic Proton Transport Mechanism for Uncoupling Proteins. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 9130-9144	3.4	4
63	AlphaFold2: A role for disordered protein prediction?		4
62	Collective interactions among organometallics are exotic bonds hidden on lab shelves.. <i>Nature Communications</i> , <b>2022</b> , 13, 2069	17.4	4
61	Crossovers in supercooled solvation water: Effects of hydrophilic and hydrophobic interactions. <i>Europhysics Letters</i> , <b>2015</b> , 110, 38006	1.6	3
60	Influence of Calcium Binding on Conformations and Motions of Anionic Polyamino Acids. Effect of Side Chain Length. <i>Polymers</i> , <b>2020</b> , 12,	4.5	3
59	Effects of Compression and Filler Particle Coating on the Electrical Conductivity of Thermoplastic Elastomer Composites. <i>Journal of Electronic Materials</i> , <b>2013</b> , 42, 2983-2989	1.9	3
58	Nonlinear alternating current responses of dipolar fluids. <i>Physical Review E</i> , <b>2004</b> , 70, 011403	2.4	3
57	Residual Stresses in Plastic Random Systems. <i>Europhysics Letters</i> , <b>1995</b> , 32, 143-148	1.6	3
56	Thinking outside the macrocycle: Potential biomedical roles for nanostructured porphyrins and phthalocyanines $\bar{\Delta}$ SPP/JPP Young Investigator Award paper. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2020</b> , 24, 1272-1277	1.8	3
55	KEAP1 Cancer Mutants: A Large-Scale Molecular Dynamics Study of Protein Stability. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
54	A liposome-displayed hemagglutinin vaccine platform protects mice and ferrets from heterologous influenza virus challenge. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	3
53	Metal Phenolic Network-Integrated Multistage Nanosystem for Enhanced Drug Delivery to Solid Tumors. <i>Small</i> , <b>2021</b> , 17, e2100789	11	3
52	Role of intravital imaging in nanomedicine-assisted anti-cancer therapy. <i>Current Opinion in Biotechnology</i> , <b>2021</b> , 69, 153-161	11.4	3
51	Secretions from hypochlorous acid-treated tumor cells delivered in a melittin hydrogel potentiate cancer immunotherapy. <i>Bioactive Materials</i> , <b>2022</b> , 9, 541-553	16.7	3

50	Ag-carried CMC/functional copolymer/ODA-Mt wLED-treated NC and their responses to brain cancer cells. <i>Materials Science and Engineering C</i> , <b>2018</b> , 92, 463-476	8.3	3
49	Light-Triggered Release of Large Biomacromolecules from Porphyrin-Phospholipid Liposomes. <i>Langmuir</i> , <b>2021</b> , 37, 10859-10865	4	3
48	Polymerizable Choline- and Imidazolium-Based Ionic Liquids Reinforced with Bacterial Cellulose for 3D-Printing. <i>Polymers</i> , <b>2021</b> , 13,	4.5	3
47	Molecular dynamics study of DNA oligomers under angled pulling. <i>RSC Advances</i> , <b>2014</b> , 4, 10751	3.7	2
46	Micelle fragmentation and wetting in confined flow. <i>Europhysics Letters</i> , <b>2014</b> , 108, 28005	1.6	2
45	Stiffness transition in anisotropic fiber nets. <i>Physical Review E</i> , <b>2012</b> , 86, 021922	2.4	2
44	Polymer Nanocomposite Development for Electronic Industry Needs. <i>Solid State Phenomena</i> , <b>2009</b> , 151, 3-9	0.4	2
43	Elucidating functional epitopes within the N-terminal region of malaria transmission blocking vaccine antigen Pfs230.. <i>Npj Vaccines</i> , <b>2022</b> , 7, 4	9.5	2
42	Magnetic Metal Micelles for Enhanced Delivery of Self-Immolating CD8+ T-Cell Epitopes for Cancer Immunotherapy. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 9780-9794	9.6	2
41	A porphodimethene chemical inhibitor of uroporphyrinogen decarboxylase. <i>PLoS ONE</i> , <b>2014</b> , 9, e89889	3.7	2
40	Nanocomposite of Fullerenes and Natural Rubbers: MARTINI Force Field Molecular Dynamics Simulations. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
39	Directing near-infrared photon transport with core@shell particles. <i>AIP Advances</i> , <b>2020</b> , 10, 095128	1.5	2
38	A surfactant-stripped cabazitaxel micelle formulation optimized with accelerated storage stability. <i>Pharmaceutical Development and Technology</i> , <b>2020</b> , 25, 1281-1288	3.4	2
37	Influenza Virus Infects and Depletes Activated Adaptive Immune Responders. <i>Advanced Science</i> , <b>2021</b> , 8, e2100693	13.6	2
36	Silica-silicon composites for near-infrared reflection: A comprehensive computational and experimental study. <i>Ceramics International</i> , <b>2021</b> , 47, 16833-16840	5.1	2
35	How to control interactions of cellulose-based biomaterials with skin: the role of acidity in the contact area. <i>Soft Matter</i> , <b>2021</b> , 17, 6507-6518	3.6	2
34	Development of coarse-grained force field to investigate sodium-ion transport mechanisms in cyanoborate-based ionic liquid. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 338, 116648	6	2
33	Two Laser Treatments Can Improve Tumor Ablation Efficiency of Chemophototherapy.. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	2

32	Photoactivation of sulfonated polyplexes enables localized gene silencing by DsiRNA in breast cancer cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2020</b> , 26, 102176	6	1
31	Reply to the comment by Graziano on "The hydrophobic effect and its role in cold denaturation" <i>Cryobiology</i> , <b>2010</b> , 60, 356-357	2.7	1
30	Programmed Nanoparticle Aggregation Using Molecular Beacons. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 8089-8091	3.0	1
29	The Internet Pilot to Physics: An Open Information System for Physics Research and Education. <i>International Journal of Modern Physics C</i> , <b>1997</b> , 08, 3-17	1.1	1
28	Self-assembly of sodium dodecyl sulfate: A simulation study of micellization. <i>Chemistry and Physics of Lipids</i> , <b>2007</b> , 149, S87-S88	3.7	1
27	SymPhas "General Purpose Software for Phase-Field, Phase-Field Crystal, and Reaction-Diffusion Simulations. <i>Advanced Theory and Simulations</i> , <b>2022</b> , 5, 2100351	3.5	1
26	Systematic Approach to Coarse-Graining of Molecular Descriptions and Interactions with Applications to Lipid Membranes <b>2008</b> , 83-106		1
25	Fine-Tuning the Polarizable CL&Pol Force Field for the Deep Eutectic Solvent Ethaline. <i>Journal of Chemical Information and Modeling</i> , <b>2021</b> ,	6.1	1
24	The extracellular gate shapes the energy profile of an ABC exporter		1
23	Coarse-grained modeling of cell division in 3D: influence of density, medium viscosity, and inter-membrane friction on cell growth and nearest neighbor distribution. <i>Soft Materials</i> , <b>2020</b> , 18, 150-162	1.7	1
22	Cholesterol sequestration by xenon nano bubbles leads to lipid raft destabilization. <i>Soft Matter</i> , <b>2020</b> , 16, 9655-9661	3.6	1
21	Cross-linked Histone as a Nanocarrier for Gut Delivery of Hydrophobic Cargos. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 26712-26720	9.5	1
20	Labeling of Erythrocytes by Porphyrin-Phospholipid. <i>Advanced NanoBiomed Research</i> , <b>2021</b> , 1, 2000013	0	1
19	Local biomaterial-assisted antitumour immunotherapy for effusions in the pleural and peritoneal cavities caused by malignancies. <i>Biomaterials Science</i> , <b>2021</b> , 9, 6381-6390	7.4	1
18	Excretable, ultrasmall hexagonal NaGdF:Yb50% nanoparticles for bimodal imaging and radiosensitization. <i>Cancer Nanotechnology</i> , <b>2021</b> , 12, 4	7.9	1
17	Trans-illumination intestine projection imaging of intestinal motility in mice. <i>Nature Communications</i> , <b>2021</b> , 12, 1682	17.4	1
16	Trimodal Therapy: A Tumor Vascular-Targeted Interlocking Trimodal Nanosystem That Induces and Exploits Hypoxia (Adv. Sci. 8/2018). <i>Advanced Science</i> , <b>2018</b> , 5, 1870048	13.6	1
15	Role of cholesterol flip-flop in oxidized lipid bilayers. <i>Biophysical Journal</i> , <b>2021</b> , 120, 4525-4535	2.9	1

14	Computational modeling of DNA-cationic lipid complexation. <i>Cellular and Molecular Biology Letters</i> , <b>2002</b> , 7, 238-9	8.1	1
13	Single-treatment tumor ablation with photodynamic liposomal irinotecan sucrosulfate.. <i>Translational Oncology</i> , <b>2022</b> , 19, 101390	4.9	1
12	Vaccines: SARS-CoV-2 RBD Neutralizing Antibody Induction is Enhanced by Particulate Vaccination (Adv. Mater. 50/2020). <i>Advanced Materials</i> , <b>2020</b> , 32, 2070373	24	0
11	Electromagnetic response of nanoparticles with a metallic core and a semiconductor shell. <i>Journal of Physics Communications</i> , <b>2021</b> , 5, 015002	1.2	0
10	Anti-cancer liposomal chemophototherapy using bilayer-localized photosensitizer and cabazitaxel. <i>Nano Research</i> , <b>2022</b> , 15, 4302	10	0
9	Microparticles: biogenesis, characteristics and intervention therapy for cancers in preclinical and clinical research.. <i>Journal of Nanobiotechnology</i> , <b>2022</b> , 20, 189	9.4	0
8	Fullerenes Interactions with Plasma Membranes: Insight from the MD Simulations. <i>Biomolecules</i> , <b>2022</b> , 12, 639	5.9	0
7	Highlights from the latest articles in nanomedicine: light-activated therapeutics. <i>Nanomedicine</i> , <b>2015</b> , 10, 3321-3	5.6	
6	Hydrogels: Pd-Porphyrin-Cross-Linked Implantable Hydrogels with Oxygen-Responsive Phosphorescence (Adv. Healthcare Mater. 6/2014). <i>Advanced Healthcare Materials</i> , <b>2014</b> , 3, 890-890	10.1	
5	Photodynamic Molecular Beacons <b>2013</b> , 295		
4	Effect of replacement of cholesterol hydroxyl group by ketone group. <i>Chemistry and Physics of Lipids</i> , <b>2007</b> , 149, S41-S42	3.7	
3	SoftSimu2002 - Novel Methods in Soft Matter Simulations. <i>Applied Rheology</i> , <b>2002</b> , 12, 200-201	1.2	
2	Photoactivatable Drug Release Methods from Liposomes <b>2020</b> , 433-449		
1	Multimodal Imaging: Surfactant-Stripped Frozen Pheophytin Micelles for Multimodal Gut Imaging (Adv. Mater. 38/2016). <i>Advanced Materials</i> , <b>2016</b> , 28, 8554-8554	24	