Marc in het Panhuis

List of Publications by Year in Descending Order

164 papers	6,954 citations	47 h-index	79 g-index
175 ext. papers	7,806 ext. citations	5.3 avg, IF	6.44 L-index

#	Paper	IF	Citations
164	Self-healing hydrogel electrodes from ingestible materials. *MRS Communications*, **2021**, 11, 342-348	2.7	2
163	Design, Modeling, and Control of a 3D Printed Monolithic Soft Robotic Finger With Embedded Pneumatic Sensing Chambers. *IEEE/ASME Transactions on Mechatronics*, **2021**, 26, 876-887	5.5	11
162	Living electrodes based on green algae in hydrogels. *Materials Advances*, **2021**, 2, 1369-1377	3.3	1
161	Celery Electronics. *MRS Advances*, **2020**, 5, 847-853	0.7	
160	Position Control of a 3D Printed Soft Finger with Integrated Soft Pneumatic Sensing Chambers **2020**,		6
159	Programmable enzymatic oxidation of tyrosine-lysine tetrapeptides. *Journal of Materials Chemistry B*, **2020**, 8, 3104-3112	7.3	9
158	Modern Surfboards and Their Structural Characterization: Towards an Engineering Approach. *Proceedings (mdpi)*, **2020**, 49, 65	0.3	4
157	Numerical CFD Investigation of Shortboard Surfing: Fin Design vs. Cutback Turn Performance. *Proceedings (mdpi)*, **2020**, 49, 132	0.3	5
156	Field Research and Numerical CFD Analysis of Humpback Whale-Inspired Shortboard Fins. *Proceedings (mdpi)*, **2020**, 49, 158	0.3	1
155	Strain sensors based on conducting poly(acrylamide) hydrogels. *MRS Advances*, **2020**, 5, 917-925	0.7	1
154	Performance evaluation of humpback whale-inspired shortboard surfing fins based on ocean wave fieldwork. *PLoS ONE*, **2020**, 15, e0232035	3.7	2
153	The rejection of mono- and di-valent ions from aquatic environment by MWNT/chitosan buckypaper composite membranes: Influences of chitosan concentrations. *Separation and Purification Technology*, **2020**, 234, 116088	8.3	19
152	Porous PNIPAm hydrogels: Overcoming diffusion-governed hydrogel actuation. *Sensors and Actuators A: Physical*, **2020**, 301, 111784	3.9	11
151	The preparation and characterization of buckypaper made from carbon nanotubes impregnated with chitosan. *Polymer Composites*, **2020**, 41, 1393-1404	3	3
150	Development of a facile one-pot synthesis method for an ingestible pH sensitive actuator. *MRS Advances*, **2020**, 5, 881-889	0.7	2
149	Nanofiltration membranes prepared from pristine and functionalised multiwall carbon nanotubes/biopolymer composites for water treatment applications. *Journal of Materials Research and Technology*, **2020**, 9, 9080-9092	5.5	9
148	3D Printed Soft Pneumatic Bending Sensing Chambers for Bilateral and Remote Control of Soft Robotic Systems **2020**,		2

147	. *IEEE/ASME Transactions on Mechatronics*, **2019**, 24, 2118-2129	5.5	39
146	A 3D-Printed Omni-Purpose Soft Gripper. *IEEE Transactions on Robotics*, **2019**, 35, 1268-1275	6.5	46
145	Soft Pneumatic Sensing Chambers for Generic and Interactive Human Machine Interfaces. *Advanced Intelligent Systems*, **2019**, 1, 1900002	6	27
144	3D Printable Vacuum-Powered Soft Linear Actuators **2019**,		6
143	Performance evaluation of a humpback whale-inspired hydrofoil design applied to surfboard fins **2019**,		3
142	A Soft Stretchable Sensor: Towards Peripheral Nerve Signal Sensing. *MRS Advances*, **2018**, 3, 1597-1602	0.7	4
141	Degradable 3D-Printed Hydrogels Based on Star-Shaped Copolypeptides. *Biomacromolecules*, **2018**, 19, 2691-2699	6.9	29
140	3D printing Vegemite and Marmite: Redefining breadboards *Journal of Food Engineering*, **2018**, 220, 83-88	6	69
139	Thermal actuation of hydrogels from PNIPAm, alginate, and carbon nanofibres. *Journal of Polymer Science, Part B: Polymer Physics*, **2018**, 56, 46-52	2.6	11
138	Bioinspired 3D Printable Soft Vacuum Actuators for Locomotion Robots, Grippers and Artificial Muscles. *Soft Robotics*, **2018**, 5, 685-694	9.2	65
137	Disulphide crosslinked star block copolypeptide hydrogels: influence of block sequence order on hydrogel properties. *Polymer Chemistry*, **2018**, 9, 3908-3916	4.9	11
136	Nanofiltration applications of tough MWNT buckypaper membranes containing biopolymers. *Journal of Membrane Science*, **2017**, 529, 23-34	9.6	18
135	3D Printing of Transparent and Conductive Heterogeneous Hydrogel-Elastomer Systems. *Advanced Materials*, **2017**, 29, 1604827	24	280
134	Metallic Iron Effects on Coke Analog Carbon Bonding and Reactivity. *Steel Research International*, **2017**, 88, 1700039	1.6	4
133	Conducting hydrogels for edible electrodes. *Journal of Materials Chemistry B*, **2017**, 5, 5318-5328	7.3	20
132	The Suitability of 3-D Printed Eutectic Gallium-Indium Alloy as a Heating Element for Thermally Active Hydrogels. *MRS Advances*, **2017**, 2, 335-340	0.7	
131	3D printing of tough hydrogel composites with spatially varying materials properties. *Additive Manufacturing*, **2017**, 14, 24-30	6.1	46
130	Radical Generation from the Gas-Phase Activation of Ionized Lipid Ozonides. *Journal of the American Society for Mass Spectrometry*, **2017**, 28, 1345-1358	3.5	6

129	Additive Manufacturing, Modeling and Performance Evaluation of 3D Printed Fins for Surfboards. *MRS Advances*, **2017**, 2, 913-920	0.7	8
128	Synthesis and characterisation of MWNT/chitosan and MWNT/chitosan-crosslinked buckypaper membranes for desalination. *Desalination*, **2017**, 418, 60-70	10.3	32
127	3D Printed Flexure Hinges for Soft Monolithic Prosthetic Fingers. *Soft Robotics*, **2016**, 3, 120-133	9.2	90
126	Tissue engineering with gellan gum. *Biomaterials Science*, **2016**, 4, 1276-90	7.4	91
125	Development of carboxymethyl cellulose-based hydrogel and nanosilver composite as antimicrobial agents for UTI pathogens. *Carbohydrate Polymers*, **2016**, 138, 229-36	10.3	48
124	Brain on a bench top. *Materials Today*, **2016**, 19, 124-125	21.8	2
123	Effect of heterocyclic capping groups on the self-assembly of a dipeptide hydrogel. *Soft Matter*, **2016**, 12, 2700-7	3.6	31
122	3D Printed Edible Hydrogel Electrodes. *MRS Advances*, **2016**, 1, 527-532	0.7	8
121	3D/4D Printing Hydrogel Composites: A Pathway to Functional Devices. *MRS Advances*, **2016**, 1, 521-526	0.7	28
120	Mechanical stiffness augmentation of a 3D printed soft prosthetic finger **2016**,		9
119	Self-Healing Hydrogels. *Advanced Materials*, **2016**, 28, 9060-9093	24	701
118	3D printing of layered brain-like structures using peptide modified gellan gum substrates. *Biomaterials*, **2015**, 67, 264-73	15.6	283
117	A Comparison of Chemical and Electrochemical Synthesis of PEDOT:Dextran Sulphate for Bio-Application. *Materials Research Society Symposia Proceedings*, **2015**, 1717, 19		0
116	4D Printing with Mechanically Robust, Thermally Actuating Hydrogels. *Macromolecular Rapid Communications*, **2015**, 36, 1211-7	4.8	337
115	Printed organic electronic device components from edible materials. *Materials Research Society Symposia Proceedings*, **2015**, 1717, 7		3
114	An overview of the suitability of hydrogel-forming polymers for extrusion-based 3D-printing. *Journal of Materials Chemistry B*, **2015**, 3, 4105-4117	7.3	196
113	Effect of flexure hinge type on a 3D printed fully compliant prosthetic finger **2015**,		16
112	Sonication-induced effects on carbon nanofibres in composite materials. *RSC Advances*, **2015**, 5, 19587-19595	3.7	2

111	Peptide modification of purified gellan gum. *Journal of Materials Chemistry B*, **2015**, 3, 1106-1115	7.3	36
110	Degradation behavior of ionic-covalent entanglement hydrogels. *Journal of Applied Polymer Science* , **2015**, 132,	2.9	11
109	Poly(3,4-ethylenedioxythiophene):dextran sulfate (PEDOT:DS) - a highly processable conductive organic biopolymer. *Acta Biomaterialia*, **2015**, 14, 33-42	10.8	61
108	Strain and Pressure Gauges from Tough, Conducting and Edible Hydrogels. *Materials Research Society Symposia Proceedings*, **2015**, 1795, 27-33		2
107	Filling of carbon nanotubes and nanofibres. *Beilstein Journal of Nanotechnology*, **2015**, 6, 508-16	3	20
106	Highly conducting composite hydrogels from gellan gum, PEDOT:PSS and carbon nanofibres. *Synthetic Metals*, **2015**, 206, 61-65	3.6	24
105	Synthesis, properties, water and solute permeability of MWNT buckypapers. *Journal of Membrane Science*, **2014**, 456, 175-184	9.6	47
104	Printed ionic-covalent entanglement hydrogels from carrageenan and an epoxy amine. *RSC Advances*, **2014**, 4, 38088-38092	3.7	46
103	Three-dimensional printing fiber reinforced hydrogel composites. *ACS Applied Materials & Interfaces*, **2014**, 6, 15998-6006	9.5	144
102	A New Approach to Investigating Coke Reactivity **2014**, 519-527		
101	Strong tough gels for 3D tissue constructs. *Materials Research Society Symposia Proceedings*, **2014**, 1622, 49-53		
100	Robust biopolymer based ionic-covalent entanglement hydrogels with reversible mechanical behaviour. *Journal of Materials Chemistry B*, **2014**, 2, 4694-4702	7.3	39
99	Electrical conductivity, impedance, and percolation behavior of carbon nanofiber and carbon nanotube containing gellan gum hydrogels. *Journal of Polymer Science, Part B: Polymer Physics*, **2014**, 52, 864-871	2.6	32
98	Biopolymer Based Tough and Self-Recovering Ionic-Covalent Entanglement Hydrogels. *Materials Research Society Symposia Proceedings*, **2014**, 1685, 38		
97	Reinforcing biopolymer hydrogels with ionic-covalent entanglement hydrogel microspheres. *Journal of Applied Polymer Science*, **2014**, 131, n/a-n/a	2.9	9
96	Enhanced gelation properties of purified gellan gum. *Carbohydrate Research*, **2014**, 388, 125-9	2.9	58
95	Extrusion printing of ionic-covalent entanglement hydrogels with high toughness. *Journal of Materials Chemistry B*, **2013**, 1, 4939-4946	7.3	133
94	Conducting carbon nanofibre networks: dispersion optimisation, evaporative casting and direct writing. *RSC Advances*, **2013**, 3, 21936	3.7	15

93	Bio-ink for on-demand printing of living cells. *Biomaterials Science*, **2013**, 1, 224-230	7.4	153
92	Modified gellan gum hydrogels for tissue engineering applications. *Soft Matter*, **2013**, 9, 3705	3.6	102
91	Ionic-covalent entanglement hydrogels from gellan gum, carrageenan and an epoxy-amine. *Soft Matter*, **2013**, 9, 3009	3.6	70
90	Surface analysis of lipids by mass spectrometry: more than just imaging. *Progress in Lipid Research*, **2013**, 52, 329-53	14.3	80
89	Preparation and characterisation of graphene composite hydrogels. *Synthetic Metals*, **2013**, 168, 36-42	3.6	9
88	Biofabrication: an overview of the approaches used for printing of living cells. *Applied Microbiology and Biotechnology*, **2013**, 97, 4243-58	5.7	180
87	Mechanical characteristics of swollen gellan gum hydrogels. *Journal of Applied Polymer Science*, **2013**, 130, 3374-3383	2.9	28
86	Gelapin, a degradable genipin cross-linked gelatin hydrogel. *RSC Advances*, **2013**, 3, 1073-1081	3.7	68
85	Bacterial Filtration Using Carbon Nanotube/Antibiotic Buckypaper Membranes. *Journal of Nanomaterials*, **2013**, 2013, 1-11	3.2	22
84	Electrically Conducting PEDOT:PSS Gellan Gum Hydrogels. *Materials Research Society Symposia Proceedings*, **2013**, 1569, 219-223		11
83	Mechanical Reinforcement of Wool Fiber through Polyelectrolyte Complexation with Chitosan and Gellan Gum. *Fibers*, **2013**, 1, 47-58	3.7	2
82	Polyelectrolyte complex materials consisting of antibacterial and cell-supporting layers. *Macromolecular Bioscience*, **2012**, 12, 374-82	5.5	19
81	A simple route to carbon micro- and nanorod hybrid structures by physical vapour deposition. *Journal Physics D: Applied Physics*, **2012**, 45, 395102	3	2
80	Using ambient ozone for assignment of double bond position in unsaturated lipids. *Analyst, The*, **2012**, 137, 1100-10	5	52
79	Recovery from applied strain in interpenetrating polymer network hydrogels with ionic and covalent cross-links. *Soft Matter*, **2012**, 8, 9985	3.6	126
78	Direct lipid profiling of single cells from inkjet printed microarrays. *Analytical Chemistry*, **2012**, 84, 9679-9738		47
77	Conducting composite materials from the biopolymer kappa-carrageenan and carbon nanotubes. *Beilstein Journal of Nanotechnology*, **2012**, 3, 415-27	3	17
76	Extrusion Printing of Flexible Electrically Conducting Carbon Nanotube Networks. *Advanced Functional Materials*, **2012**, 22, 4790-4800	15.6	54

75	Synthesis, properties and water permeability of SWNT buckypapers. *Journal of Materials Chemistry*, **2012**, 22, 13800		35
74	Electrical and mechanical characteristics of buckypapers and evaporative cast films prepared using single and multi-walled carbon nanotubes and the biopolymer carrageenan. *Carbon*, **2012**, 50, 1197-1208	10.4	39
73	Reinforced Materials Based on Chitosan, TiO2 and Ag Composites. *Polymers*, **2012**, 4, 590-599	4.5	52
72	Self-Assembled Gels from Biological and Synthetic Polyelectrolytes.. *Materials Research Society Symposia Proceedings*, **2012**, 1418, 51		
71	Characterization of Gellan Gum by Capillary Electrophoresis. *Australian Journal of Chemistry*, **2012**, 65, 1156	1.2	16
70	Extrusion Printing: Extrusion Printing of Flexible Electrically Conducting Carbon Nanotube Networks (Adv. Funct. Mater. 22/2012). *Advanced Functional Materials*, **2012**, 22, 4789-4789	15.6	4
69	Inkjet and extrusion printing of conducting poly(3,4-ethylenedioxythiophene) tracks on and embedded in biopolymer materials. *Journal of Materials Chemistry*, **2011**, 21, 2671		41
68	Films, Buckypapers and Fibers from Clay, Chitosan and Carbon Nanotubes. *Nanomaterials*, **2011**, 1, 3-19	5.4	4
67	Highly Stretchable Conducting SIBS-P3HT Fibers. *Advanced Functional Materials*, **2011**, 21, 955-962	15.6	70
66	Inkjet printing of self-assembling polyelectrolyte hydrogels. *Soft Matter*, **2011**, 7, 3818	3.6	15
65	Gellan gum doped polypyrrole neural prosthetic electrode coatings. *Soft Matter*, **2011**, 7, 4690	3.6	27
64	Polyelectrolyte complex materials from chitosan and gellan gum. *Carbohydrate Polymers*, **2011**, 86, 352-358	3.3	33
63	Gel-carbon nanotube materials: the relationship between nanotube network connectivity and conductivity. *Nanoscale*, **2010**, 2, 1740-5	7.7	18
62	Printed hydrogel materials **2010**,		1
61	Elastic conducting carbon nanotube-laden SIBS fibers **2010**,		6
60	Printing nanomaterials using non-contact printing **2010**,		1
59	Inkjet printed conducting gel-carbon nanotube materials **2010**,		1
58	Extrusion printing conducting gel-carbon nanotube structures upon flexible substrates. **2010**,		2

57	Conducting gel-fibres based on carrageenan, chitosan and carbon nanotubes. *Journal of Materials Chemistry*, **2010**, 20, 7953		31
56	Fabrication of Polyaniline-Based Gas Sensors Using Piezoelectric Inkjet and Screen Printing for the Detection of Hydrogen Sulfide. *IEEE Sensors Journal*, **2010**, 10, 1419-1426	4	89
55	Imaging of human lens lipids by desorption electrospray ionization mass spectrometry. *Journal of the American Society for Mass Spectrometry*, **2010**, 21, 2095-104	3.5	53
54	Mechanical reinforcement of continuous flow spun polyelectrolyte complex fibers. *Macromolecular Bioscience*, **2009**, 9, 354-60	5.5	15
53	Gel□arbon nanotube composites: the effect of carbon nanotubes on gelation and conductivity behaviour. *Soft Matter*, **2009**, 5, 1466	3.6	23
52	Influence of added hydrogen bonding agents on the chiroptical properties of chiral polyaniline. *Synthetic Metals*, **2009**, 159, 715-717	3.6	11
51	Conducting bio-materials based on gellan gum hydrogels. *Soft Matter*, **2009**, 5, 3430	3.6	77
50	The effect of preparation conditions and biopolymer dispersants on the properties of SWNT buckypapers. *Journal of Materials Chemistry*, **2009**, 19, 9131		42
49	Nanofibrilar-polyaniline/Carbon nanotube composites: aqueous dispersions and films. *Journal of Nanoscience and Nanotechnology*, **2009**, 9, 6157-63	1.3	5
48	Carbon Nanotube Mediated Reduction in Optical Activity in Polyaniline Composite Materials. *Journal of Physical Chemistry C*, **2008**, 112, 1441-1445	3.8	15
47	Fabrication of chemical sensors using inkjet printing and application to gas detection **2008**,		4
46	Spinning Carbon Nanotube-Gel Fibers Using Polyelectrolyte Complexation. *Advanced Functional Materials*, **2008**, 18, 3759-3764	15.6	43
45	Inkjet printed water sensitive transparent films from natural gum-carbon nanotube composites. *Soft Matter*, **2007**, 3, 840-843	3.6	58
44	Inkjet printing of transparent, electrically conducting single-walled carbon-nanotube composites. *Small*, **2007**, 3, 1500-3	11	118
43	Conducting textiles from single-walled carbon nanotubes. *Synthetic Metals*, **2007**, 157, 358-362	3.6	70
42	Inkjet deposition and characterization of transparent conducting electroactive polyaniline composite films with a high carbon nanotube loading fraction. *Journal of Materials Chemistry*, **2007**, 17, 4359		66
41	Carbon nanotubes: enhancing the polymer building blocks for intelligent materials. *Journal of Materials Chemistry*, **2006**, 16, 3598		57
40	Synthesis and Properties of Optically Active Polyaniline Carbon Nanotube Composites. *Macromolecules*, **2006**, 39, 7324-7332	5.5	57

39	Carbon nanotube network formation from evaporating sessile drops. *Journal of Physical Chemistry B*, **2006**, 110, 13029-36	3.4	49
38	Assembling carbon nanotubosomes using an emulsion-inversion technique. *Chemical Communications*, **2005**, 1726-8	5.8	34
37	Microscopy and spectroscopy of interactions between metallopolymers and carbon nanotubes. *Journal of Physical Chemistry B*, **2005**, 109, 13205-9	3.4	12
36	Optically active polymer carbon nanotube composite. *Journal of Physical Chemistry B*, **2005**, 109, 22725-9	3.4	43
35	Nanotube network transistors from peptide-wrapped single-walled carbon nanotubes. *Small*, **2005**, 1, 820-3	11	20
34	Reversible transport characteristics of multi-walled carbon nanotubes in free space. *Nanotechnology*, **2005**, 16, 1707-1711	3.4	9
33	Reinforcement of macroscopic carbon nanotube structures by polymer intercalation: The role of polymer molecular weight and chain conformation. *Physical Review B*, **2005**, 72,	3.3	70
32	Fabrication of carbon nanotube-based microcapsules by a colloid templating technique. *Nanotechnology*, **2005**, 16, 1522-1525	3.4	24
31	Stabilization of single-wall carbon nanotubes in fully sulfonated polyaniline. *Journal of Nanoscience and Nanotechnology*, **2004**, 4, 976-81	1.3	12
30	Nanomanipulation of Individual Carbon Nanotubes. *Microscopy and Microanalysis*, **2004**, 10, 962-963	0.5	6
29	Distributed polarizability analysis for para-nitroaniline and meta-nitroaniline: functional group and charge-transfer contributions. *Journal of Chemical Physics*, **2004**, 120, 11479-86	3.9	17
28	Characterization of Covalent Functionalized Carbon Nanotubes. *Journal of Physical Chemistry B*, **2004**, 108, 9665-9668	3.4	26
27	Nano Patterning and Manipulation of Genetically Engineered Virus Nanoblocks. *Microscopy and Microanalysis*, **2004**, 10, 26-27	0.5	2
26	A COMPOSITE FROM SOY OIL AND CARBON NANOTUBES. *International Journal of Nanoscience*, **2003**, 02, 185-194	0.6	10
25	Characterization of an interaction between functionalized carbon nanotubes and an enzyme. *Journal of Nanoscience and Nanotechnology*, **2003**, 3, 209-13	1.3	47
24	Vaccine delivery by carbon nanotubes. *Chemistry and Biology*, **2003**, 10, 897-8		44
23	Selective Interaction in a Polymer/Single-Wall Carbon Nanotube Composite. *Journal of Physical Chemistry B*, **2003**, 107, 478-482	3.4	120
22	Characterization of the Interaction of Gamma Cyclodextrin with Single-Walled Carbon Nanotubes. *Nano Letters*, **2003**, 3, 843-846	11.5	103

21	Atomistic Simulations with Carbon Nanotubes Classical, Quantum, and Transport Modeling. *Physica Status Solidi (B): Basic Research*, **2002**, 233, 49-58	1.3	4
20	Optimisation of the arc-discharge production of multi-walled carbon nanotubes. *Carbon*, **2002**, 40, 923-928	2.4	84
19	Distributed response analysis of conductive behavior in single molecules. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99 Suppl 2, 6514-7	11.5	5
18	A Microscopic and Spectroscopic Study of Interactions between Carbon Nanotubes and a Conjugated Polymer. *Journal of Physical Chemistry B*, **2002**, 106, 2210-2216	3.4	204
17	Interconnecting carbon nanotubes with an inorganic metal complex. *Journal of the American Chemical Society*, **2002**, 124, 13694-5	16.4	105
16	Controlling the optical properties of a conjugated co-polymer through variation of backbone isomerism and the introduction of carbon nanotubes. *Journal of Photochemistry and Photobiology A: Chemistry*, **2001**, 144, 31-41	4.7	37
15	Nonlinear photoluminescence from multiwalled carbon nanotubes **2001**, 4461, 56		1
14	Optimal polymer characteristics for nanotube solubility. *Synthetic Metals*, **2001**, 121, 1187-1188	3.6	15
13	Solubility and purity of nanotubes in arc discharge carbon powder. *Synthetic Metals*, **2001**, 121, 1229-1230	3.6	12
12	Nonlinear photoluminescence in multiwall carbon nanotubes. *Synthetic Metals*, **2001**, 119, 641-642	3.6	10
11	Distributed polarizability of the water dimer: Field-induced charge transfer along the hydrogen bond. *Journal of Chemical Physics*, **2001**, 114, 7951-7961	3.9	67
10	Solubility of carbon nanotubes. *Materials Research Society Symposia Proceedings*, **2000**, 633, 531		
9	Analysis of linear and quadratic optical response of mixed LangmuirBlodgett films of stearic acid and 5-CT. *Journal of Chemical Physics*, **2000**, 113, 10691-10696	3.9	6
8	Microscopic calculations of linear and quadratic optical response in model LangmuirBlodgett multilayers. *Journal of Chemical Physics*, **2000**, 112, 6763-6773	3.9	9
7	Microscopic treatment of substrate effects on linear and quadratic optical response of model LangmuirBlodgett multilayers. *Journal of Chemical Physics*, **2000**, 113, 10685-10690	3.9	10
6	Environmental effects on molecular response in materials for non-linear optics. *Synthetic Metals*, **2000**, 109, 29-32	3.6	18
5	Simulating adsorbed layers of surfactant mixtures at an oil-water interface. *The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties*, **1999**, 79, 9-14		3
4	A simulation study of the kinetics of passage of CO2 and N2 through the liquid/vapor interface of water. *Journal of Chemical Physics*, **1999**, 111, 2190-2199	3.9	28

List of Publications

3	A molecular dynamics study of carbon dioxide in water: diffusion, structure and thermodynamics. *Molecular Physics*, **1998**, 94, 963-972	1.7	55
2	Fabrication of porous PDMS sponges using spontaneously self-removing sacrificial templates. *MRS Advances*,1	0.7	
1	A 3D-printed instrumented surfboard fin for measuring fin flex. *MRS Advances*,1	0.7	0