

Vanessa Trouillet

List of Publications by Year in descending order

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131
papers

4,994
citations

101543

36
h-index

106344

65
g-index

134
all docs

134
docs citations

134
times ranked

7081
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of Fluorescent Metal (Au, Ag) Nanoclusters Capped in Bovine Serum Albumin Followed by Fluorescence and Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2011, 115, 10955-10963.	3.1	365
2	One-Pot Synthesis of Near-Infrared Fluorescent Gold Clusters for Cellular Fluorescence Lifetime Imaging. <i>Small</i> , 2011, 7, 2614-2620.	10.0	334
3	Facile preparation of water-soluble fluorescent gold nanoclusters for cellular imaging applications. <i>Nanoscale</i> , 2011, 3, 2009.	5.6	278
4	Microwave-assisted rapid synthesis of luminescent gold nanoclusters for sensing Hg ²⁺ in living cells using fluorescence imaging. <i>Nanoscale</i> , 2012, 4, 4155.	5.6	211
5	Effect of Protein Adsorption on the Fluorescence of Ultrasmall Gold Nanoclusters. <i>Small</i> , 2012, 8, 661-665.	10.0	159
6	Grafting Efficiency of Synthetic Polymers onto Biomaterials: A Comparative Study of Grafting-from versus Grafting-to. <i>Biomacromolecules</i> , 2013, 14, 64-74.	5.4	137
7	Investigation of binder distribution in graphite anodes for lithium-ion batteries. <i>Journal of Power Sources</i> , 2017, 340, 1-5.	7.8	133
8	Ultrasmall fluorescent silver nanoclusters: Protein adsorption and its effects on cellular responses. <i>Nano Research</i> , 2012, 5, 531-542.	10.4	129
9	Fabrication of Conductive 3D Gold-Containing Microstructures via Direct Laser Writing. <i>Advanced Materials</i> , 2016, 28, 3592-3595.	21.0	127
10	UV-Triggered Polymerization, Deposition, and Patterning of Plant Phenolic Compounds. <i>Advanced Functional Materials</i> , 2017, 27, 1700127.	14.9	111
11	High photostability and enhanced fluorescence of gold nanoclusters by silver doping. <i>Nanoscale</i> , 2012, 4, 7624.	5.6	102
12	Pd-complex driven formation of single-chain nanoparticles. <i>Polymer Chemistry</i> , 2015, 6, 4358-4365.	3.9	90
13	Photo-Patterning of Non-Fouling Polymers and Biomolecules on Paper. <i>Advanced Materials</i> , 2014, 26, 4087-4092.	21.0	79
14	Temperature Responsive Cellulose-graft-Copolymers via Cellulose Functionalization in an Ionic Liquid and RAFT Polymerization. <i>Biomacromolecules</i> , 2014, 15, 2563-2572.	5.4	79
15	Laser- and UV-assisted modification of polystyrene surfaces for control of protein adsorption and cell adhesion. <i>Applied Surface Science</i> , 2009, 255, 5453-5457.	6.1	71
16	Preparation of Reactive Three-Dimensional Microstructures via Direct Laser Writing and Thiolene Chemistry. <i>Macromolecular Rapid Communications</i> , 2013, 34, 335-340.	3.9	69
17	In Operando Synchrotron Diffraction and In Operando X-ray Absorption Spectroscopy Investigations of Orthorhombic V ₂ O ₅ Nanowires as Cathode Materials for Mg-Ion Batteries. <i>Journal of the American Chemical Society</i> , 2019, 141, 2305-2315.	13.7	69
18	Synthesis of Yellow-Emitting Platinum Nanoclusters by Ligand Etching. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6047-6051.	3.1	64

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19	Photochemical Generation of Light Responsive Surfaces. <i>Advanced Functional Materials</i> , 2013, 23, 4011-4019.	14.9	58
20	Elucidating the energy storage mechanism of ZnMn ₂ O ₄ as promising anode for Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19381-19392.	10.3	57
21	Ligand effect on the size, valence state and red/near infrared photoluminescence of bidentate thiol gold nanoclusters. <i>Nanoscale</i> , 2014, 6, 8091-8099.	5.6	56
22	Zwitterion functionalized gold nanoclusters for multimodal near infrared fluorescence and photoacoustic imaging. <i>APL Materials</i> , 2017, 5, .	5.1	52
23	Benzylguanine Thiol Self-Assembled Monolayers for the Immobilization of SNAP-tag Proteins on Microcontact-Printed Surface Structures. <i>Langmuir</i> , 2010, 26, 6097-6101.	3.5	50
24	Surface Grafting via Photoinduced Copper-Mediated Radical Polymerization at Extremely Low Catalyst Concentrations. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1681-1686.	3.9	50
25	Modular Ligation of Thioamide Functional Peptides onto Solid Cellulose Substrates. <i>Advanced Functional Materials</i> , 2012, 22, 3853-3864.	14.9	46
26	Spatially Controlled Photochemical Peptide and Polymer Conjugation on Biosurfaces. <i>Biomacromolecules</i> , 2013, 14, 4340-4350.	5.4	46
27	High photoluminescence of shortwave infrared-emitting anisotropic surface charged gold nanoclusters. <i>Nanoscale</i> , 2019, 11, 12092-12096.	5.6	44
28	Wavelength selective polymer network formation of end-functional star polymers. <i>Chemical Communications</i> , 2016, 52, 1975-1978.	4.1	43
29	Dynamic Covalent Chemistry on Surfaces Employing Highly Reactive Cyclopentadienyl Moieties. <i>Advanced Materials</i> , 2011, 23, 4435-4439.	21.0	42
30	Surface analytical approaches to reliably characterize lithium ion battery electrodes. <i>Surface and Interface Analysis</i> , 2018, 50, 43-51.	1.8	42
31	Selective oxidation of propylene to acrolein by hydrothermally synthesized bismuth molybdates. <i>Applied Catalysis A: General</i> , 2014, 482, 145-156.	4.3	41
32	Adaptable bioinspired special wetting surface for multifunctional oil/water separation. <i>Scientific Reports</i> , 2017, 7, 39970.	3.3	40
33	Organocatalyzed Photo-Atom Transfer Radical Polymerization of Methacrylic Acid in Continuous Flow and Surface Grafting. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700423.	3.9	39
34	Bismuth Molybdate Catalysts Prepared by Mild Hydrothermal Synthesis: Influence of pH on the Selective Oxidation of Propylene. <i>Catalysts</i> , 2015, 5, 1554-1573.	3.5	38
35	Controlled radical polymerization and in-depth mass-spectrometric characterization of poly(ionic) Tj ETQq1 1 0.784314 rgBT /Overl	3.9	38
36	Photo-Sensitive RAFT-Agents for Advanced Microparticle Design. <i>Macromolecules</i> , 2013, 46, 6858-6872.	4.8	37

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37	Reversible Li ⁺ Storage in a LiMnTiO ₄ Spinel and Its Structural Transition Mechanisms. <i>Journal of Physical Chemistry C</i> , 2014, 118, 12608-12616.	3.1	37
38	Macromolecular Surface Design: Photopatterning of Functional Stable Nitrile Oxides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5777-5783.	13.8	37
39	One-step synthesis of bismuth molybdate catalysts via flame spray pyrolysis for the selective oxidation of propylene to acrolein. <i>Chemical Communications</i> , 2014, 50, 15404-15406.	4.1	36
40	Are Functional Groups Beneficial or Harmful on the Electrochemical Performance of Activated Carbon Electrodes?. <i>Journal of the Electrochemical Society</i> , 2019, 166, A1004-A1014.	2.9	36
41	Electrochemical and structural investigations of different polymorphs of TiO ₂ in magnesium and hybrid lithium/magnesium batteries. <i>Electrochimica Acta</i> , 2018, 277, 20-29.	5.2	35
42	Control of wettability of hydrogenated amorphous carbon thin films by laser-assisted micro- and nanostructuring. <i>Applied Surface Science</i> , 2011, 257, 7907-7912.	6.1	34
43	New Approaches for Bottom-Up Assembly of Tobacco Mosaic Virus-Derived Nucleoprotein Tubes on Defined Patterns on Silica- and Polymer-Based Substrates. <i>Langmuir</i> , 2012, 28, 14867-14877.	3.5	34
44	The Multisensor Array Based on Grown-On-Chip Zinc Oxide Nanorod Network for Selective Discrimination of Alcohol Vapors at Sub-ppm Range. <i>Sensors</i> , 2019, 19, 4265.	3.8	34
45	A facile avenue to conductive polymer brushes via cyclopentadiene-maleimide Diels-Alder ligation. <i>Chemical Communications</i> , 2013, 49, 8623.	4.1	33
46	Biomimetic Dopamine-Diels-Alder Switches. <i>Macromolecular Rapid Communications</i> , 2013, 34, 640-644.	3.9	33
47	Single-Molecule Encapsulation: A Straightforward Route to Highly Stable and Printable Enzymes. <i>Small</i> , 2016, 12, 1716-1722.	10.0	32
48	Impact of particle size, oxidation state and capping agent of different cerium dioxide nanoparticles on the phosphate-induced transformations at different pH and concentration. <i>PLoS ONE</i> , 2019, 14, e0217483.	2.5	32
49	Microplotter-Printed On-Chip Combinatorial Library of Ink-Derived Multiple Metal Oxides as an Electronic Olfaction Unit. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56135-56150.	8.0	32
50	Structural and optical properties of size controlled Si nanocrystals in Si ₃ N ₄ matrix: The nature of photoluminescence peak shift. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	31
51	Soot and hydrocarbon oxidation over vanadia-based SCR catalysts. <i>Catalysis Today</i> , 2015, 258, 461-469.	4.4	31
52	Bioinspired Strategy for Controlled Polymerization and Photopatterning of Plant Polyphenols. <i>Chemistry of Materials</i> , 2018, 30, 1937-1946.	6.7	30
53	Site-Specific Surface Functionalization via Microchannel Cantilever Spotting (μCS): Comparison between Azide-Alkyne and Thiol-Alkyne Click Chemistry Reactions. <i>Small</i> , 2018, 14, e1800131.	10.0	29
54	Understanding the Lithium Storage Mechanism in Core-Shell Fe ₂ O ₃ @C Hollow Nanospheres Derived from Metal-Organic Frameworks: An In operando Synchrotron Radiation Diffraction and in operando X-ray Absorption Spectroscopy Study. <i>Chemistry of Materials</i> , 2019, 31, 5633-5645.	6.7	28

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55	Enhancing the gas selectivity of single-crystal SnO ₂ :Pt thin-film chemiresistor microarray by SiO ₂ membrane coating. <i>Sensors and Actuators B: Chemical</i> , 2013, 185, 59-69.	7.8	27
56	Laser-Grafted Molecularly Imprinted Polymers for the Detection of Histamine from Organocatalyzed Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2019, 52, 2304-2313.	4.8	27
57	Chemical vapor deposited polymer layer for efficient passivation of planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20122-20132.	10.3	27
58	Modular design of glyco-microspheres via mild pericyclic reactions and their quantitative analysis. <i>Polymer Chemistry</i> , 2012, 3, 2605.	3.9	26
59	Photoinduced Functionalization of Spherical and Planar Surfaces via Caged Thioaldehyde Endcapped Functional Polymers. <i>Advanced Functional Materials</i> , 2014, 24, 5649-5661.	14.9	25
60	NIR-Emitting Gold Nanoclusters-Modified Gelatin Nanoparticles as a Bioimaging Agent in Tissue. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900993.	7.6	24
61	Li ⁺ -Si thin films for battery applications produced by ion-beam co-sputtering. <i>RSC Advances</i> , 2015, 5, 7192-7195.	3.6	23
62	A detailed surface analytical study of degradation processes in (meth)acrylic polymers. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1801-1811.	2.3	22
63	Polymer Functional Nanodiamonds by Light-Induced Ligation. <i>Macromolecules</i> , 2016, 49, 1712-1721.	4.8	21
64	Understanding the lithiation/delithiation process in SnP ₂ O ₇ anode material for lithium-ion batteries. <i>Electrochimica Acta</i> , 2017, 252, 446-452.	5.2	21
65	Engineering Nitroxide Functional Surfaces Using Bioinspired Adhesion. <i>Langmuir</i> , 2018, 34, 3264-3274.	3.5	21
66	Activation and degradation of electrospun LiFePO ₄ battery cathodes. <i>Journal of Power Sources</i> , 2018, 396, 386-394.	7.8	21
67	Ambient Temperature Ligation of Diene Functional Polymer and Peptide Strands onto Cellulose via Photochemical and Thermal Protocols. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1121-1127.	3.9	19
68	Spatial separation of photogenerated electron-hole pairs in solution-grown ZnO tandem n-p core-shell nanowire arrays toward highly sensitive photoelectrochemical detection of hydrogen peroxide. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14397-14405.	10.3	19
69	MnO ₂ and Reduced Graphene Oxide as Bifunctional Electrocatalysts for Li ⁺ -O ₂ Batteries. <i>ACS Applied Energy Materials</i> , 2019, 2, 7121-7131.	5.1	19
70	Spatially controlled cell adhesion on three-dimensional substrates. <i>Biomedical Microdevices</i> , 2010, 12, 787-795.	2.8	18
71	Light-induced modification of silver nanoparticles with functional polymers. <i>Chemical Communications</i> , 2014, 50, 4430-4433.	4.1	18
72	ATRP-based polymers with modular ligation points under thermal and thermomechanical stress. <i>Polymer Chemistry</i> , 2015, 6, 2854-2868.	3.9	18

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73	Direct Mapping of RAFT Controlled Macromolecular Growth on Surfaces via Single Molecule Force Spectroscopy. <i>ACS Macro Letters</i> , 2016, 5, 498-503.	4.8	18
74	Development of scalable and versatile nanomaterial libraries for nanosafety studies: polyvinylpyrrolidone (PVP) capped metal oxide nanoparticles. <i>RSC Advances</i> , 2017, 7, 3894-3906.	3.6	18
75	Chemically reprogrammable metal organic frameworks (MOFs) based on Diels-Alder chemistry. <i>Chemical Communications</i> , 2017, 53, 11461-11464.	4.1	18
76	Surface analytical characterization of $\text{LiNi}_{0.8}\text{Mn}_{0.2}\text{Co}_{0.2}\text{O}_2$ ($\text{O}^{\text{A}}\text{O}^{\text{B}}$) compounds for lithium-ion battery electrodes. <i>Surface and Interface Analysis</i> , 2018, 50, 1132-1137.	4.8	18
77	A facile one-pot route to poly(carboxybetaine acrylamide) functionalized SWCNTs. <i>Chemical Communications</i> , 2013, 49, 6734.	4.1	17
78	Fusing Catechol-Driven Surface Anchoring with Rapid Hetero Diels-Alder Ligation. <i>ACS Macro Letters</i> , 2014, 3, 1169-1173.	4.8	17
79	Solution-processed amorphous yttrium aluminium oxide YAl_xO_y and aluminum oxide Al_xO_y , and their functional dielectric properties and performance in thin-film transistors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8521-8530.	5.5	17
80	In Situ X-ray Diffraction and X-ray Absorption Spectroscopic Studies of a Lithium-Rich Layered Positive Electrode Material: Comparison of Composite and Core-Shell Structures. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13852-13868.	8.0	17
81	Protein Microarray Immobilization via Epoxide Ring-Opening by Thiol, Amine, and Azide. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002117.	3.7	17
82	Cucurbit[<i>n</i>]uril-Immobilized Sensor Arrays for Indicator-Displacement Assays of Small Bioactive Metabolites. <i>ACS Applied Nano Materials</i> , 2021, 4, 4676-4687.	5.0	17
83	Structural and chemical characterization of SnO_2 -based nanoparticles as electrode material in Li-ion batteries. <i>Journal of Materials Science</i> , 2012, 47, 4383-4391.	3.7	16
84	A Facile Route to Boronic Acid Functional Polymeric Microspheres via Epoxide Ring Opening. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1108-1113.	3.9	15
85	Controlling biofilm formation with nitroxide functional surfaces. <i>Polymer Chemistry</i> , 2019, 10, 4252-4258.	3.9	15
86	Influence of the Spatial Conformation of Charged Ligands on the Optical Properties of Gold Nanoclusters. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26705-26717.	3.1	15
87	Surface Functionalization and Patterning by Multifunctional Resorcinarenes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39268-39278.	8.0	14
88	Solid-phase combinatorial synthesis using microarrays of microcompartments with light-induced on-chip cell screening. <i>Materials Today Bio</i> , 2019, 3, 100022.	5.5	13
89	Synthesis, oxide formation, properties and thin film transistor properties of yttrium and aluminium oxide thin films employing a molecular-based precursor route. <i>RSC Advances</i> , 2019, 9, 31386-31397.	3.6	13
90	Laser-assisted structuring and modification of LiCoO_2 thin films. , 2009, , .		12

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91	Structure and chemical composition of mixed benzylguanine- and methoxy-terminated self-assembled monolayers for immobilization of biomolecules. <i>Surface and Interface Analysis</i> , 2012, 44, 909-913.	1.8	12
92	Ultra-long zinc oxide nanowires and boron doping based on ionic liquid assisted thermal chemical vapor deposition growth. <i>Nanoscale</i> , 2015, 7, 92-97.	5.6	12
93	Polylutidines: Multifunctional Surfaces through Vapor-Based Polymerization of Substituted Pyridinophanes. <i>Chemistry - A European Journal</i> , 2017, 23, 13342-13350.	3.3	12
94	2D laser lithography on silicon substrates <i>via</i> photoinduced copper-mediated radical polymerization. <i>Chemical Communications</i> , 2018, 54, 751-754.	4.1	12
95	Thermoresponsive Agarose Based Microparticles for Antibody Separation. <i>Biomacromolecules</i> , 2016, 17, 280-290.	5.4	11
96	A Comparative Study of Thiol-Terminated Surface Modification by Click Reactions: Thiol-yne Coupling versus Thiol-ene Michael Addition. <i>Advanced Materials Interfaces</i> , 2018, 5, 1801343.	3.7	11
97	CMOS-Compatible, Flexible, Intracortical Neural Probes. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 1366-1376.	4.2	11
98	Maleimide-functionalized poly(2-ethyl-2-oxazoline): synthesis and reactivity. <i>Polymer Chemistry</i> , 2016, 7, 2419-2426.	3.9	10
99	Dual-Gated Microparticles for Switchable Antibody Release. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 1450-1462.	8.0	10
100	Spatially-Resolved Multiple Metallopolymer Surfaces by Photolithography. <i>Chemistry - A European Journal</i> , 2018, 24, 18933-18943.	3.3	10
101	Surface-initiated RAFT polymerization from vapor-based polymer coatings. <i>Polymer</i> , 2018, 150, 26-34.	3.8	10
102	Reactive block copolymers for patterned surface immobilization with sub-30 nm spacing. <i>Polymer Chemistry</i> , 2019, 10, 1344-1356.	3.9	10
103	<i>In Operando</i> analysis of the charge storage mechanism in a conversion ZnCo ₂ O ₄ anode and the application in flexible Li-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1861-1872.	6.0	10
104	Reversible Diels-Alder and Michael Addition Reactions Enable the Facile Postsynthetic Modification of Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2021, 60, 4397-4409.	4.0	9
105	Tailored stoichiometries of silicon carbonitride thin films prepared by combined radio frequency magnetron sputtering and ion beam synthesis. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2005, 23, 1114-1119.	2.1	8
106	Potential and Limitations of Natural Chabazite for Selective Catalytic Reduction of NO _x with NH ₃ . <i>Chemie-Ingenieur-Technik</i> , 2013, 85, 632-641.	0.8	8
107	Effect of Protein Adsorption on the Fluorescence of Ultrasmall Gold Nanoclusters. <i>Small</i> , 2014, 10, 1667-1667.	10.0	8
108	pH-Responsive Aminomethyl Functionalized Poly(<i>p</i> -xylylene) Coatings by Chemical Vapor Deposition Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600521.	2.2	8

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109	Synthesis and characterization of nanoscale Al ³⁺ /Si ⁴⁺ /O gradient membranes. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2007, 25, 927-931.	2.1	7
110	Design of Chemically Activated Polymer Microwells by One-Step UV-Lithography for Stem Cell Adhesion. <i>Langmuir</i> , 2010, 26, 2050-2056.	3.5	7
111	Bioinstructive Coatings for Hematopoietic Stem Cell Expansion Based on Chemical Vapor Deposition Copolymerization. <i>Biomacromolecules</i> , 2017, 18, 3089-3098.	5.4	7
112	Evaluation of click chemistry microarrays for immunosensing of alpha-fetoprotein (AFP). <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 2505-2515.	2.8	7
113	Substrate-Independent and Re-Writable Surface Patterning by Combining Polydopamine Coatings, Silanization, and Thiol-Ene Reaction. <i>Advanced Functional Materials</i> , 2021, 31, 2107716.	14.9	7
114	Direct light-induced (co-)grafting of photoactive polymers to graphitic nanodiamonds. <i>Polymer Chemistry</i> , 2017, 8, 838-842.	3.9	6
115	Dynamic Nitroxide Functional Materials. <i>Chemistry - A European Journal</i> , 2018, 24, 18873-18879.	3.3	6
116	Two-Step Laser Post-Processing for the Surface Functionalization of Additively Manufactured Ti-6Al-4V Parts. <i>Materials</i> , 2020, 13, 4872.	2.9	6
117	Coat formation of surface-active proteins on aqueous surfaces during drying. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 53-60.	5.0	5
118	A Photolithographic Approach to Spatially Resolved Cross-Linked Nanolayers. <i>Langmuir</i> , 2015, 31, 3242-3253.	3.5	5
119	Photo-induced copper-mediated (meth)acrylate polymerization towards graphene oxide and reduced graphene oxide modification. <i>European Polymer Journal</i> , 2020, 134, 109810.	5.4	5
120	Surface analytical characterization of SiO ₂ gradient membrane coatings on gas sensor microarrays. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2003, 21, 1109-1114.	2.1	4
121	Access to Intrinsically Glucoside-Based Microspheres with Boron Affinity. <i>Macromolecular Rapid Communications</i> , 2013, 34, 916-921.	3.9	4
122	Thermal transformations of manufactured nanomaterials as a proposed proxy for ageing. <i>Environmental Science: Nano</i> , 2018, 5, 1618-1627.	4.3	4
123	Photoiniferter surface grafting of poly(methyl acrylate) using xanthates. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2002-2007.	2.3	4
124	Replication of Polymer-Based Peptide Microarrays by Multi-Step Transfer. <i>ChemNanoMat</i> , 2016, 2, 897-903.	2.8	3
125	Reversible Surface Engineering via Nitrene-Mediated Radical Coupling. <i>Langmuir</i> , 2018, 34, 3244-3255.	3.5	3
126	New Li _{0.8} M _{0.1} Ti ₂ (PO ₄) ₃ (M=Co, Mg) Electrode Materials for Lithium-Ion Batteries: In-Operando X-Ray Diffraction and Ex Situ X-ray Photoelectron Spectroscopy Investigations. <i>ChemElectroChem</i> , 2020, 7, 3637-3645.	3.4	3

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127	Thioacetate-Based Initiators for the Synthesis of Thiol-Functionalized Poly(2-Oxazoline)s. <i>Macromolecular Rapid Communications</i> , 2020, 41, 2000320.	3.9	2
128	Electronic influence of ultrathin aluminum oxide on the transistor device performance of binary indium/tin oxide films. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5447-5457.	5.5	2
129	Lithium-air battery cathode modification via an unconventional thermal method employing borax. <i>RSC Advances</i> , 2016, 6, 66307-66310.	3.6	1
130	Molecular Changes in Vapor-Based Polymer Thin Films Assessed by Characterization of Swelling Properties of Amine-Functionalized Poly(p-xylylene). <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000213.	2.2	0
131	Solution synthesis and dielectric properties of alumina thin films: understanding the role of the organic additive in film formation. <i>Dalton Transactions</i> , 2021, 50, 8811-8819.	3.3	0