

# Alex Adronov

## List of Publications by Citations

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133  
papers

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74  
g-index

138  
ext. papers

6,280  
ext. citations

6.2  
avg, IF

5.92  
L-index

#	Paper	IF	Citations
133	Light-harvesting dendrimers. <i>Chemical Communications</i> , <b>2000</b> , 1701-1710	5.8	560
132	Polymerization from the surface of single-walled carbon nanotubes - preparation and characterization of nanocomposites. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 16015-24	16.4	412
131	Functionalization of single-walled carbon nanotubes with well-defined polystyrene by "click" coupling. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 14518-24	16.4	389
130	Light Harvesting and Energy Transfer in Laser Dye-Labeled Poly(aryl ether) Dendrimers. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 1175-1185	16.4	354
129	Light Harvesting and Energy Transfer in Novel Convergently Constructed Dendrimers. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 1422-1427	16.4	294
128	Functionalization of Single-Walled Carbon Nanotubes with Well-Defined Polymers by Radical Coupling. <i>Macromolecules</i> , <b>2005</b> , 38, 1172-1179	5.5	195
127	Novel Two-Photon Absorbing Dendritic Structures. <i>Chemistry of Materials</i> , <b>2000</b> , 12, 2838-2841	9.6	167
126	Synthesis and properties of carborane-functionalized aliphatic polyester dendrimers. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 12081-9	16.4	141
125	Noncovalent functionalization and solubilization of carbon nanotubes by using a conjugated Zn-porphyrin polymer. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 5053-9	4.8	140
124	Solubilizing single-walled carbon nanotubes with pyrene-functionalized block copolymers. <i>Journal of Polymer Science Part A</i> , <b>2006</b> , 44, 1941-1951	2.5	117
123	Triply fused Zn(II)-porphyrin oligomers: synthesis, properties, and supramolecular interactions with single-walled carbon nanotubes (SWNTs). <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 6062-70	4.8	115
122	Soluble, Discrete Supramolecular Complexes of Single-Walled Carbon Nanotubes with Fluorene-Based Conjugated Polymers. <i>Macromolecules</i> , <b>2008</b> , 41, 2304-2308	5.5	111
121	Polymer Grafting of Carbon Nanotubes Using Living Free-Radical Polymerization. <i>Polymer Reviews</i> , <b>2007</b> , 47, 265-290	14	105
120	Synthesis, radiolabeling, and bio-imaging of high-generation polyester dendrimers. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 2906-16	16.4	98
119	Functionalization of multiwalled carbon nanotubes with polyamide 6 by anionic ring-opening polymerization. <i>Carbon</i> , <b>2007</b> , 45, 2327-2333	10.4	92
118	Modular Approach to the Accelerated Convergent Growth of Laser Dye-Labeled Poly(aryl ether) Dendrimers Using a Novel Hypermonomer. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 7474-7484	4.2	87
117	Preparation and Utilization of Catalyst-Functionalized Single-Walled Carbon Nanotubes for Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , <b>2004</b> , 37, 4755-4760	5.5	81

116	Selective and reversible noncovalent functionalization of single-walled carbon nanotubes by a pH-responsive vinylogous tetrathiafulvalene-fluorene copolymer. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 970-7	16.4	76
115	Synthesis and Study of the Absorption and Luminescence Properties of Polymers Containing Ru(BpyMe <sub>2</sub> ) <sub>3</sub> <sup>2+</sup> Chromophores and Coumarin Laser Dyes. <i>Macromolecules</i> , <b>2002</b> , 35, 5396-5404	5.5	68
114	Metal-free reduction of secondary and tertiary N-phenyl amides by tris(pentafluorophenyl)boron-catalyzed hydrosilylation. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 7728-33	4.2	67
113	Protein Resistance of PEG-Functionalized Dendronized Surfaces: Effect of PEG Molecular Weight and Dendron Generation. <i>Macromolecules</i> , <b>2008</b> , 41, 4817-4823	5.5	67
112	Surface-Confined Light Harvesting, Energy Transfer, and Amplification of Fluorescence Emission in Chromophore-Labeled Self-Assembled Monolayers This research was supported by the office of Naval Research, the AFOSR-MURI program, as well as fellowships from the Netherlands Scientific Organization (NWO), and from the Eastman Kodak Company, which are gratefully acknowledged.	16.4	64
111	Recent developments in the selective dispersion of single-walled carbon nanotubes using conjugated polymers. <i>Chemical Science</i> , <b>2017</b> , 8, 7292-7305	9.4	62
110	Cell adhesion and proliferation on hydrophilic dendritically modified surfaces. <i>Biomaterials</i> , <b>2008</b> , 29, 4177-86	15.6	61
109	Amperometric Detection of Glucose Using a Conjugated Polyelectrolyte Complex with Single-Walled Carbon Nanotubes. <i>Macromolecules</i> , <b>2010</b> , 43, 10376-10381	5.5	60
108	Suzuki Coupling Reactions for the Surface Functionalization of Single-Walled Carbon Nanotubes. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 5389-5391	9.6	56
107	Click Coupling between alkyne-decorated multiwalled carbon nanotubes and reactive PDMA-PNIPAM micelles. <i>Journal of Polymer Science Part A</i> , <b>2008</b> , 46, 7187-7199	2.5	55
106	Synthesis and Steady-State Photophysical Properties of Dye-Labeled Dendrimers Having Novel Oligothiophene Cores: A Comparative Study. <i>Chemistry of Materials</i> , <b>2000</b> , 12, 1463-1472	9.6	55
105	Synthesis and Properties of Carborane-Containing Dendronized Polymers. <i>Macromolecules</i> , <b>2007</b> , 40, 5678-5688	5.5	51
104	Reinforcement of collagen with covalently-functionalized single-walled carbon nanotube crosslinkers. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 2887		47
103	Supramolecular Functionalization of Single-Walled Carbon Nanotubes with Conjugated Polyelectrolytes and Their Patterning on Surfaces. <i>Macromolecules</i> , <b>2008</b> , 41, 9869-9874	5.5	44
102	Femtosecond Transient Absorption Studies of Energy Transfer within Chromophore-Labeled Dendrimers. <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 1307-1312	3.4	43
101	Supramolecular Interactions of High Molecular Weight Poly(2,7-carbazole)s with Single-Walled Carbon Nanotubes. <i>Macromolecules</i> , <b>2013</b> , 46, 3850-3860	5.5	42
100	Inkjet-printed bifunctional carbon nanotubes for pH sensing. <i>Materials Letters</i> , <b>2016</b> , 176, 68-70	3.3	42
99	Interactions of carbon nanotubes with pyrene-functionalized linear-dendritic hybrid polymers. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 1016-1028	2.5	40

98	Synthesis and Electrophoretic Deposition of Single-Walled Carbon Nanotube Complexes with a Conjugated Polyelectrolyte. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 2741-2749	9.6	39
97	A study of the dynamics of the branch ends of a series of pyrene-labeled dendrimers based on pyrene excimer formation. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 10254-65	3.4	38
96	Protein Resistance of Surfaces Prepared by Chemisorption of Monothiolated Poly(ethylene glycol) to Gold and Dendronization with Aliphatic Polyester Dendrons: Effect of Hydrophilic Dendrons. <i>Macromolecules</i> , <b>2008</b> , 41, 2567-2576	5.5	38
95	Properties of Poly(ethylene glycol) Hydrogels Cross-Linked via Strain-Promoted Alkyne-Azide Cycloaddition (SPAAC). <i>Biomacromolecules</i> , <b>2016</b> , 17, 1093-100	6.9	37
94	Supramolecular Functionalization of Single-Walled Carbon Nanotubes (SWNTs) with Dithieno[3,2-b:2',3'-d]pyrrole (DTP) Containing Conjugated Polymers. <i>Macromolecules</i> , <b>2011</b> , 44, 9138-9145	5.5	37
93	Oxidation of Fe Nanoparticles Embedded in Single-Walled Carbon Nanotubes by Exposure to a Bright Flash of White Light. <i>Nano Letters</i> , <b>2002</b> , 2, 1277-1280	11.5	37
92	Supramolecular Functionalization of Single-Walled Carbon Nanotubes (SWNTs) with a Photoisomerizable Conjugated Polymer. <i>Macromolecules</i> , <b>2012</b> , 45, 5045-5050	5.5	36
91	Polymer grafting to single-walled carbon nanotubes: effect of chain length on solubility, graft density and mechanical properties of macroscopic structures. <i>Small</i> , <b>2013</b> , 9, 552-60	11	36
90	Water-soluble SWCNTs from sulfonation of nanotube-bound polystyrene. <i>Carbon</i> , <b>2007</b> , 45, 984-990	10.4	36
89	Supramolecular complexes of single walled carbon nanotubes with conjugated polymers. <i>Polymer Chemistry</i> , <b>2011</b> , 2, 411-416	4.9	35
88	Thermally induced phase transition of carborane-functionalized aliphatic polyester dendrimers in aqueous media. <i>Langmuir</i> , <b>2006</b> , 22, 5251-5	4	34
87	Light harvesting and energy transfer within coumarin-labeled polymers. <i>Journal of Polymer Science Part A</i> , <b>2001</b> , 39, 1366-1373	2.5	32
86	Effect of Induction on the Dispersion of Semiconducting and Metallic Single-Walled Carbon Nanotubes Using Conjugated Polymers. <i>Macromolecules</i> , <b>2015</b> , 48, 5155-5161	5.5	31
85	Covalent Functionalization of Single-Walled Carbon Nanotubes with Thermoresponsive Core Cross-Linked Polymeric Micelles. <i>Macromolecules</i> , <b>2012</b> , 45, 4698-4706	5.5	31
84	Intermolecular coupling in nanometric domains of light-harvesting dendrimer films studied by photoluminescence near-field scanning optical microscopy (PL NSOM). <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 536-40	16.4	31
83	Influence of Polymer Electronics on Selective Dispersion of Single-Walled Carbon Nanotubes. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 14560-6	4.8	30
82	Supramolecular Organogels Prepared from Pillar[5]arene-Functionalized Conjugated Polymers. <i>Macromolecules</i> , <b>2017</b> , 50, 9144-9150	5.5	30
81	Scalable Synthesis of Strained Cyclooctyne Derivatives. <i>Synthesis</i> , <b>2014</b> , 46, 669-677	2.9	29

80	Reproducible Dendronized PEG Hydrogels via SPAAC Cross-Linking. <i>Biomacromolecules</i> , <b>2017</b> , 18, 4054-4059	27
79	The effect of molecular weight on the separation of semiconducting single-walled carbon nanotubes using poly(2,7-carbazole)s. <i>Journal of Polymer Science Part A</i> , <b>2015</b> , 53, 2510-2516	2.5 26
78	The effect of molecular weight on the supramolecular interaction between a conjugated polymer and single-walled carbon nanotubes. <i>Polymer Chemistry</i> , <b>2011</b> , 2, 1404	4.9 26
77	Pluronic as crosslinking agents for collagen: novel amphiphilic hydrogels. <i>Polymer International</i> , <b>2011</b> , 60, 458-465	3.3 24
76	Functionalization of Single-Walled Carbon Nanotubes via the Piers-Rubinsztajn Reaction. <i>Macromolecules</i> , <b>2014</b> , 47, 6527-6530	5.5 23
75	Effect of polymer chain length on the solubility of polystyrene grafted single-walled carbon nanotubes in tetrahydrofuran. <i>Polymer International</i> , <b>2008</b> , 57, 1007-1011	3.3 23
74	Click Functionalization of a Dibenzocyclooctyne-Containing Conjugated Polyimine. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 945-9	16.4 22
73	Preparation of Carborane-Containing Polymers by Atom Transfer Radical Polymerization. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2005</b> , 15, 469-475	3.2 22
72	Flash nano-welding: investigation and control of the photothermal response of ultrathin bismuth sulfide nanowire films. <i>Advanced Materials</i> , <b>2010</b> , 22, 4395-400	24 21
71	Conjugated polyelectrolyte complexes with single-walled carbon nanotubes for amperometric detection of glucose with inherent anti-interference properties. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 9147	20
70	Au-carbon nanotube composites from self-reduction of Au <sup>3+</sup> upon poly(ethylene imine) functionalized SWNT thin films. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 1694	20
69	Decoration of Polyfluorene-Wrapped Carbon Nanotubes via Strain-Promoted Azide-Alkyne Cycloaddition. <i>Macromolecules</i> , <b>2018</b> , 51, 755-762	5.5 19
68	Quantifying the presence of unwanted fluorescent species in the study of pyrene-labeled macromolecules. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 9921-9	3.4 19
67	Growth and characterization of GaAs nanowires on carbon nanotube composite films: toward flexible nanodevices. <i>Nano Letters</i> , <b>2008</b> , 8, 4075-80	11.5 19
66	Polyfluorene-Sorted Semiconducting Single-Walled Carbon Nanotubes for Applications in Thin-Film Transistors. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 2863-2872	9.6 18
65	Synthesis, Radiolabeling, and In Vivo Imaging of PEGylated High-Generation Polyester Dendrimers. <i>Biomacromolecules</i> , <b>2015</b> , 16, 3033-41	6.9 18
64	Selective interactions of a high-molecular-weight polycarbazole with different commercial nanotube samples. <i>Journal of Polymer Science Part A</i> , <b>2014</b> , 52, 2738-2747	2.5 18
63	Polycarbazole-Sorted Semiconducting Single-Walled Carbon Nanotubes for Incorporation into Organic Thin Film Transistors. <i>Advanced Electronic Materials</i> , <b>2019</b> , 5, 1800539	6.4 18

62	Rapid Synthesis of Functionalized High-Generation Polyester Dendrimers via Strain-Promoted AlkyneAzide Cycloaddition. <i>Macromolecules</i> , <b>2017</b> , 50, 7993-8001	5.5	17
61	Electrophoretic deposition of poly[3-(3-N,N-diethylaminopropoxy)thiophene] and composite films. <i>Materials Chemistry and Physics</i> , <b>2011</b> , 125, 210-218	4.4	17
60	Functionalization of polyfluorene-wrapped carbon nanotubes via copper-mediated azidealkyne cycloaddition. <i>Polymer Chemistry</i> , <b>2018</b> , 9, 2873-2879	4.9	16
59	Decoration of polyfluorene-wrapped carbon nanotube thin films via strain-promoted azidealkyne cycloaddition. <i>Polymer Chemistry</i> , <b>2018</b> , 9, 4460-4467	4.9	15
58	Electrophoretic deposition of composite films from solutions of conjugated polymers and their supramolecular complexes with carbon nanotubes. <i>Materials Letters</i> , <b>2012</b> , 67, 248-251	3.3	15
57	Highly efficient divergent synthesis of dendrimers via metal-free clickchemistry. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 1272-1277	2.5	15
56	Supramolecular Functionalization of Single-Walled Carbon Nanotubes with Triply Fused Porphyrin Dimers: A Study of StructureProperty Relationships. <i>Chemistry of Materials</i> , <b>2011</b> , 23, 3188-3194	9.6	15
55	Preparation of synthons for carborane containing macromolecules. <i>Macromolecular Symposia</i> , <b>2003</b> , 196, 201-211	0.8	15
54	Postsynthetic Modification of a Covalent Organic Framework Achieved via Strain-Promoted Cycloaddition. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 649-656	16.4	15
53	Selective dispersion of single-walled carbon nanotubes with electron-rich fluorene-based copolymers. <i>RSC Advances</i> , <b>2016</b> , 6, 25733-25740	3.7	14
52	Studying pyrene-labeled macromolecules with the model-free analysis. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 14689-99	3.4	14
51	Phase separation of polymer-functionalized SWNTs within a PMMA/polystyrene blend. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 450-458	2.5	14
50	Transparent, stretchable, and conductive SWNT films using supramolecular functionalization and layer-by-layer self-assembly. <i>RSC Advances</i> , <b>2016</b> , 6, 29254-29263	3.7	14
49	Silicone-modified graphene oxide fillers via the Piers-Rubinsztajn reaction. <i>Journal of Polymer Science Part A</i> , <b>2016</b> , 54, 2379-2385	2.5	12
48	Synthesis of Conjugated Polymers Containing DIBAC-Derived Triazole Monomers. <i>Macromolecules</i> , <b>2013</b> , 46, 9593-9598	5.5	11
47	Supramolecular interactions of conjugated Zn- and protonated porphyrin polymer with carbon nanotubes. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2007</b> , 11, 198-204	1.8	11
46	Pillar[5]arene-Decorated Single-Walled Carbon Nanotubes. <i>ACS Omega</i> , <b>2018</b> , 3, 13935-13943	3.9	11
45	Investigation of Hybrid Conjugated/Nonconjugated Polymers for Sorting of Single-Walled Carbon Nanotubes. <i>Macromolecules</i> , <b>2017</b> , 50, 8002-8009	5.5	10

44	Effect of Single-walled Carbon Nanotube (SWCNT) Composition on Polyfluorene-Based SWCNT Dispersion Selectivity. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 9799-9806	4.8	10
43	Hybrid GaAs-Nanowire/Carbon-Nanotube Flexible Photovoltaics. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2011</b> , 17, 1070-1077	3.8	10
42	Functionalization of Single-Walled Carbon Nanotubes with Poly(methyl methacrylate) by Emulsion Polymerization. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 16242-16249	3.8	10
41	Excess Polymer in Single-Walled Carbon Nanotube Thin-Film Transistors: Its Removal Prior to Fabrication Is Unnecessary. <i>ACS Nano</i> , <b>2021</b> , 15, 8252-8266	16.7	10
40	Enrichment of Metallic Carbon Nanotubes Using a Two-Polymer Extraction Method. <i>ACS Omega</i> , <b>2018</b> , 3, 16238-16245	3.9	10
39	Reactive, Aqueous-Dispersible Polyfluorene-Wrapped Carbon Nanotubes Modulated with an Acidochromic Switch via Azide-Alkyne Cycloaddition. <i>ACS Applied Polymer Materials</i> , <b>2019</b> , 1, 797-803	4.3	9
38	Supramolecular interactions of fluorene-based copolymers containing 3,4-propylenedioxythiophene and phenazine units with SWNTs. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 5241-5248	4.9	9
37	Dispersion of single-walled carbon nanotubes into aqueous solutions using Poh's cyclotetrachromo-tropylene (CTCT). <i>RSC Advances</i> , <b>2014</b> , 4, 31614-31617	3.7	9
36	Fabrication of conductive polymer nanofibers through SWNT supramolecular functionalization and aqueous solution processing. <i>Nanotechnology</i> , <b>2015</b> , 26, 395301	3.4	9
35	Effect of spacer chemistry on the formation and properties of linear reversible polymers. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 5056-5066	2.5	8
34	A Survey of Strain-Promoted Azide-Alkyne Cycloaddition in Polymer Chemistry. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 5057-5073	4.8	8
33	Strain-Promoted Azide-Alkyne Cycloaddition-Mediated Step-Growth Polymerization. <i>Macromolecules</i> , <b>2019</b> , 52, 7183-7187	5.5	7
32	Visible Light-Mediated Photoclick Functionalization of a Conjugated Polymer Backbone. <i>Macromolecules</i> , <b>2020</b> , 53, 1760-1766	5.5	7
31	<sup>99m</sup> Tc-Functionalized Single-Walled Carbon Nanotubes for Bone Targeting. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 11819-11824	5.6	7
30	Synthesis of Polyester Dendritic Scaffolds for Biomedical Applications. <i>Macromolecular Bioscience</i> , <b>2016</b> , 16, 1475-1484	5.5	7
29	Quantitative Characterization of the Molecular Dimensions of Flexible Dendritic Macromolecules in Solution by Pyrene Excimer Fluorescence. <i>Macromolecules</i> , <b>2018</b> , 51, 1586-1590	5.5	6
28	Click Generation of a conjugated polymer library for SWNT dispersion. <i>Journal of Polymer Science Part A</i> , <b>2018</b> , 56, 2053-2058	2.5	6
27	Dispersion of single-walled carbon nanotubes using nucleobase-containing poly(acrylamide) polymers. <i>Journal of Polymer Science Part A</i> , <b>2017</b> , 55, 2611-2617	2.5	6

26	Preparation of stimulus-responsive, polyfluorene-wrapped carbon nanotubes via palladium cross coupling. <i>Journal of Polymer Science Part A</i> , <b>2018</b> , 56, 2723-2729	2.5	6
25	EConjugated polymers with pendant coumarins: design, synthesis, characterization, and interactions with carbon nanotubes. <i>Canadian Journal of Chemistry</i> , <b>2016</b> , 94, 759-768	0.9	5
24	Click-Functionalization of a Poly(Tetrazine-co-Fluorene)-Conjugated Polymer with a Series of trans-Cyclooctene Derivatives. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 2980-2986	16.4	5
23	Globular Polymer Grafts Require a Critical Size for Efficient Molecular Sieving of Enzyme Substrates. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 8448-8453	16.4	4
22	Bulk dispersion of single-walled carbon nanotubes in silicones using diblock copolymers. <i>Journal of Polymer Science Part A</i> , <b>2015</b> , 53, 265-273	2.5	4
21	Direct Measure of the Local Concentration of Pyrenyl Groups in Pyrene-Labeled Dendrons Derived from the Rate of Fluorescence Collisional Quenching. <i>Polymers</i> , <b>2020</b> , 12,	4.5	4
20	Click Functionalization of a Dibenzocyclooctyne-Containing Conjugated Polyimine. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 957-961	3.6	4
19	Stretchable and Resilient Conductive Films on Polydimethylsiloxane from Reactive Polymer-Single-Walled Carbon Nanotube Complexes for Wearable Electronics. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 4968-4973	5.6	4
18	Synthesis and Characterization of Carborane Functionalized Dendronized Polymers as Potential Boron Neutron Capture Therapy Agents. <i>ACS Symposium Series</i> , <b>2008</b> , 238-249	0.4	4
17	Anthanthrene-based conjugated polymers for the dispersion of single-walled carbon nanotubes. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 6440-6446	4.9	4
16	Preparation and Properties of a Hydrolytically Stable Cyclooctyne-Containing Polymer. <i>Synlett</i> , <b>2018</b> , 29, 2535-2541	2.2	4
15	Light-driven atom transfer radical polymerization on supramolecular complexes of conjugated polymers and single-walled carbon nanotubes. <i>Journal of Polymer Science Part A</i> , <b>2019</b> , 57, 2015-2020	2.5	3
14	Highly Efficient Multigram Synthesis of Dibenzocyclooctyne (DBCO) without Chromatography. <i>Organic Process Research and Development</i> , <b>2019</b> , 23, 2740-2745	3.9	3
13	Organic Thin Film Transistors: Polycarbazole-Sorted Semiconducting Single-Walled Carbon Nanotubes for Incorporation into Organic Thin Film Transistors (Adv. Electron. Mater. 1/2019). <i>Advanced Electronic Materials</i> , <b>2019</b> , 5, 1970002	6.4	3
12	High Performance Organic Electronic Devices Based on a Green Hybrid Dielectric. <i>Advanced Electronic Materials</i> , <b>2021</b> , 7, 2100700	6.4	3
11	UV-light mediated decomposition of a polyester for enrichment and release of semiconducting carbon nanotubes. <i>Journal of Polymer Science</i> , <b>2020</b> , 58, 1965-1972	2.4	2
10	Effect of carbon nanotube incorporation into polythiophene-fullerene-based organic solar cells. <i>Canadian Journal of Chemistry</i> , <b>2014</b> , 92, 68-75	0.9	2
9	Click-Functionalization of a Poly(Tetrazine-co-Fluorene)-Conjugated Polymer with a Series of trans-Cyclooctene Derivatives. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 3017-3023	3.6	2



8	Noncovalent functionalization of boron nitride nanotubes using poly(2,7-carbazole)s. <i>Journal of Polymer Science</i> , <b>2020</b> , 58, 1889-1902	2.4	1
7	Influence of Polymer Electronics on Selective Dispersion of Single-Walled Carbon Nanotubes. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 14413-14413	4.8	1
6	Frontispiece: Effect of Single-walled Carbon Nanotube (SWCNT) Composition on Polyfluorene-Based SWCNT Dispersion Selectivity. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24,	4.8	1
5	Globular Polymer Grafts Require a Critical Size for Efficient Molecular Sieving of Enzyme Substrates. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 8536	3.6	0
4	Strain-promoted azide-alkyne cycloaddition polymerization as a route toward tailored functional polymers. <i>Journal of Polymer Science</i> , <b>2021</b> , 59, 29-33	2.4	0
3	Growth and Characterization of p-n Junction Core-Shell GaAs Nanowires on Carbon Nanotube Composite Films. <i>Materials Research Society Symposia Proceedings</i> , <b>2008</b> , 1144, 1		
2	Innentitelbild: Click-Functionalization of a Poly(Tetrazine-co-Fluorene)-Conjugated Polymer with a Series of trans-Cyclooctene Derivatives (Angew. Chem. 6/2021). <i>Angewandte Chemie</i> , <b>2021</b> , 133, 2742-2742	3.6	0
1	Neopentyl Esters as Robust Linkers for Introducing Functionality to Bis-MPA Dendrimers. <i>Macromolecules</i> , <b>2022</b> , 55, 270-275	5.5	