

# Timothy M Swager

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

546  
papers

44,267  
citations

99  
h-index

192  
g-index

583  
ext. papers

47,479  
ext. citations

10.8  
avg, IF

8.05  
L-index

#	Paper	IF	Citations
546	Metallocalix[4]arene Polymers for Gravimetric Detection of Nitrosodialkylamines. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 19809-19815	16.4	1
545	Overhauser Dynamic Nuclear Polarization with Selectively Deuterated BDPA Radicals. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 20281-20290	16.4	6
544	A chemiresistive methane sensor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	9
543	Trace Detection of Hydrogen Peroxide via Dynamic Double Emulsions. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 4397-4404	16.4	6
542	Large Faraday Rotation in Optical-Quality Phthalocyanine and Porphyrin Thin Films. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 7096-7103	16.4	4
541	C-Term Faraday Rotation in Metallocene Containing Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 25137-25142	9.5	1
540	Janus Emulsion Biosensors for Anti-SARS-CoV-2 Spike Antibody. <i>ACS Central Science</i> , <b>2021</b> , 7, 1166-1175	16.8	8
539	Wireless Tags with Hybrid Nanomaterials for Volatile Amine Detection. <i>ACS Sensors</i> , <b>2021</b> , 6, 2457-2464	9.2	8
538	Complex Liquid Crystal Emulsions for Biosensing. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 9177-9182	16.4	10
537	Reconfigurable Pickering Emulsions with Functionalized Carbon Nanotubes. <i>Langmuir</i> , <b>2021</b> , 37, 8204-8211	11	0
536	Electric-Field-Induced Chirality in Columnar Liquid Crystals. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 9260-9266	16.4	3
535	Polymerization and Depolymerization of Photoluminescent Polyarylene Chalcogenides. <i>Macromolecules</i> , <b>2021</b> , 54, 6698-6704	5.5	0
534	Versatile Porous Poly(arylene ether)s via Pd-Catalyzed C-O Polycondensation. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 11828-11835	16.4	4
533	Methane Detection with a Tungsten-Calix[4]arene-Based Conducting Polymer Embedded Sensor Array. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2007281	15.6	2
532	Hybrid Approach to Fabricate Uniform and Active Molecular Junctions. <i>Nano Letters</i> , <b>2021</b> , 21, 1606-1612	11.5	2
531	Dynamic Coloration of Complex Emulsions by Localization of Gold Rings Near the Triphase Junction. <i>Small</i> , <b>2021</b> , 17, e2007507	11	3
530	Electrocatalytic Isoxazoline-Nanocarbon Metal Complexes. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 10441-10453	16.4	7

529	Trace Hydrogen Sulfide Sensing Inspired by Polyoxometalate-Mediated Aerobic Oxidation. <i>ACS Central Science</i> , <b>2021</b> , 7, 1572-1580	16.8	3
528	Flexible Chemiresistive Cyclohexanone Sensors Based on Single-Walled Carbon Nanotube-Polymer Composites. <i>ACS Sensors</i> , <b>2021</b> , 6, 3056-3062	9.2	4
527	Actuation of Janus Emulsion Droplets via Optothermally Induced Marangoni Forces. <i>Physical Review Letters</i> , <b>2021</b> , 127, 144503	7.4	4
526	An Organic Chemist's Guide to -Nitrosamines: Their Structure, Reactivity, and Role as Contaminants. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 2037-2057	4.2	19
525	Programmable Emulsions via Nucleophile-Induced Covalent Surfactant Modifications. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 4663-4671	9.6	12
524	Fluorous phthalocyanines and subphthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2020</b> , 24, 1074-1082	1.8	3
523	Fluorescent Janus emulsions for biosensing of. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 11923-11930	11.5	10
522	Switchable Full-Color Reflective Photonic Ellipsoidal Particles. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 10424-10430	16.4	41
521	Functional Single-Walled Carbon Nanotubes for Anion Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 28375-28382	9.5	10
520	Penttiptycene Polymer/Single-Walled Carbon Nanotube Complexes: Applications in Benzene, Toluene, and -Xylene Detection. <i>ACS Nano</i> , <b>2020</b> , 14, 7297-7307	16.7	20
519	Trace Ethylene Sensing via Wacker Oxidation. <i>ACS Central Science</i> , <b>2020</b> , 6, 507-512	16.8	20
518	Brine-Soluble Zwitterionic Copolymers with Tunable Adsorption on Rocks. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 13568-13574	9.5	4
517	Controlled Movement of Complex Double Emulsions via Interfacially Confined Magnetic Nanoparticles. <i>ACS Central Science</i> , <b>2020</b> , 6, 1460-1466	16.8	12
516	Lock-and-Key Exciplexes for Thermally Activated Delayed Fluorescence. <i>Organic Materials</i> , <b>2020</b> , 02, 001-010	1.9	4
515	One-Pot Regiodirected Annulations for the Rapid Synthesis of Extended Oligomers. <i>Organic Letters</i> , <b>2020</b> , 22, 3263-3267	6.2	15
514	Thiophene-fused polyaromatics: synthesis, columnar liquid crystal, fluorescence and electrochemical properties. <i>Chemical Science</i> , <b>2020</b> , 11, 4695-4701	9.4	10
513	Autonomously Responsive Membranes for Chemical Warfare Protection. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2000258	15.6	22
512	Dynamic Complex Emulsions as Amplifiers for On-Chip Photonic Cavity-Enhanced Resonators. <i>ACS Sensors</i> , <b>2020</b> , 5, 1996-2002	9.2	5

511	Chemiresistors for the Real-Time Wireless Detection of Anions. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1907087	15.6	10
510	Aryl Migration on Graphene. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 17876-17880	16.4	5
509	Cyclobutene based macrocycles. <i>Materials Chemistry Frontiers</i> , <b>2020</b> , 4, 3529-3538	7.8	
508	Hydrogen Sensors from Composites of Ultra-small Bimetallic Nanoparticles and Porous Ion-Exchange Polymers. <i>Chem</i> , <b>2020</b> , 6, 2746-2758	16.2	7
507	Electroactive Anion Receptor with High Affinity for Arsenate. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 10050-10061	4.2	9
506	Azulene-Pyridine-Fused Heteroaromatics. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 13598-13605	16.5	31
505	Chelating Phosphine Ligand Stabilized AuNPs in Methane Detection. <i>ACS Nano</i> , <b>2020</b> , 14, 11605-11612	16.7	11
504	Dynamic Adsorption of Functionalized Zwitterionic Copolymers on Carbonate Surfaces under Extreme Reservoir Conditions. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 12018-12025	4.1	4
503	Dynamic Fluid-Like Graphene with Ultralow Frictional Molecular Bearing. <i>Advanced Materials</i> , <b>2019</b> , 31, e1903195	24	2
502	Solvent-responsive cavitand lanthanum complex. <i>Dalton Transactions</i> , <b>2019</b> , 48, 13732-13739	4.3	1
501	Molecular dependencies of dynamic stiffening and strengthening through high strain rate microparticle impact of polyurethane and polyurea elastomers. <i>Applied Physics Letters</i> , <b>2019</b> , 115, 093701-4	3.4	16
500	Improvement of Baker's yeast-based fuel cell power output by electrodes and proton exchange membrane modification. <i>Materials Science and Engineering C</i> , <b>2019</b> , 105, 110082	8.3	4
499	Chemiresistive Carbon Nanotube Sensors for -Nitrosodialkylamines. <i>ACS Sensors</i> , <b>2019</b> , 4, 2819-2824	9.2	15
498	Precision pH Sensor Based on WO Nanofiber-Polymer Composites and Differential Amplification. <i>ACS Sensors</i> , <b>2019</b> , 4, 2593-2598	9.2	20
497	Recent progress and perspectives of gas sensors based on vertically oriented ZnO nanomaterials. <i>Advances in Colloid and Interface Science</i> , <b>2019</b> , 270, 1-27	14.3	89
496	Rapid Detection of via Directional Emission from Carbohydrate-Functionalized Dynamic Double Emulsions. <i>ACS Central Science</i> , <b>2019</b> , 5, 789-795	16.8	36
495	Waveguide-based chemo- and biosensors: complex emulsions for the detection of caffeine and proteins. <i>Lab on A Chip</i> , <b>2019</b> , 19, 1327-1331	7.2	21
494	Polymers with Side Chain Porosity for Ultraparameable and Plasticization Resistant Materials for Gas Separations. <i>Advanced Materials</i> , <b>2019</b> , 31, e1807871	24	36

493	Janus Graphene: Scalable Self-Assembly and Solution-Phase Orthogonal Functionalization. <i>Advanced Materials</i> , <b>2019</b> , 31, e1900438	24	31
492	High frequency dynamic nuclear polarization: New directions for the 21st century. <i>Journal of Magnetic Resonance</i> , <b>2019</b> , 306, 128-133	3	20
491	Porous Ion Exchange Polymer Matrix for Ultrasmall Au Nanoparticle-Decorated Carbon Nanotube Chemiresistors. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 5413-5420	9.6	12
490	Chemiresistive Sensor Array and Machine Learning Classification of Food. <i>ACS Sensors</i> , <b>2019</b> , 4, 2101-2108	9.2	43
489	Living Polymerization of 2-Ethylthio-2-oxazoline and Postpolymerization Diversification. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 12498-12501	16.4	10
488	Functional, Redox-Responsive Poly(phenylene sulfide)-Based Gels. <i>Macromolecules</i> , <b>2019</b> , 52, 8256-8265	5.5	8
487	Dynamic Complex Liquid Crystal Emulsions. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 18246-18255	16.4	30
486	Dynamic Imine Chemistry at Complex Double Emulsion Interfaces. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 18048-18055	16.4	31
485	Ionic Highways from Covalent Assembly in Highly Conducting and Stable Anion Exchange Membrane Fuel Cells. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 18152-18159	16.4	48
484	Dynamically Reconfigurable, Multifunctional Emulsions with Controllable Structure and Movement. <i>Advanced Materials</i> , <b>2019</b> , 31, e1905569	24	19
483	Triptycene-Based Ladder Polymers with One-Handed Helical Geometry. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 4696-4703	16.4	44
482	Morphology-Dependent Luminescence in Complex Liquid Colloids. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 3802-3806	16.4	13
481	Carbon Nanotube Chemical Sensors. <i>Chemical Reviews</i> , <b>2019</b> , 119, 599-663	68.1	444
480	Emulsion Agglutination Assay for the Detection of Protein-Protein Interactions: An Optical Sensor for Zika Virus. <i>ACS Sensors</i> , <b>2019</b> , 4, 180-184	9.2	26
479	Synthesis and Optoelectronic Properties of Iptycene-Naphthazarin Dyes. <i>Synlett</i> , <b>2019</b> , 30, 54-58	2.2	2
478	Sensor Technologies Empowered by Materials and Molecular Innovations. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 4248-4257	16.4	52
477	Circularly Polarized Luminescent Triptycene-Based Polymers. <i>ACS Macro Letters</i> , <b>2018</b> , 7, 364-369	6.6	39
476	Interfacial bioconjugation on emulsion droplet for biosensors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2018</b> , 26, 5307-5313	3.4	7

475	Polymer Valence Isomerism: Poly(Dewar- o-xyllylene)s. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 5211-5216	16.4	5
474	Chemiresistive Graphene Sensors for Ammonia Detection. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 16169-16176	9.5	67
473	Carbon Nanotube Formic Acid Sensors Using a Nickel Bis( ortho-diiminosemiquinonate) Selector. <i>ACS Sensors</i> , <b>2018</b> , 3, 569-573	9.2	23
472	Molecular Design of Deep Blue Thermally Activated Delayed Fluorescence Materials Employing a Homoconjugative Triptycene Scaffold and Dihedral Angle Tuning. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 1462-1466	9.6	58
471	Room temperature amine sensors enabled by sidewall functionalization of single-walled carbon nanotubes. <i>RSC Advances</i> , <b>2018</b> , 8, 5578-5585	3.7	19
470	Porous Organic Polymers via Ring Opening Metathesis Polymerization. <i>ACS Macro Letters</i> , <b>2018</b> , 7, 300-304	3.4	13
469	Modular Synthesis of Polymers Containing 2,5-di(thiophenyl)-N-arylprrrole. <i>Journal of Polymer Science Part A</i> , <b>2018</b> , 56, 1133-1139	2.5	2
468	Resistive and Capacitive E-Ray Dosimeters Based On Triggered Depolymerization in Carbon Nanotube Composites. <i>ACS Sensors</i> , <b>2018</b> , 3, 976-983	9.2	12
467	Fluorofluorescent Perylene Bisimides. <i>Synlett</i> , <b>2018</b> , 29, 2509-2514	2.2	11
466	Translating Catalysis to Chemiresistive Sensing. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 10721-10725	16.4	10
465	Sensortechnologien durch neuartige Materialien und Moleküle. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 4325-4335	5.6	9
464	A Semiconducting Conjugated Radical Polymer: Ambipolar Redox Activity and Faraday Effect. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 10881-10889	16.4	31
463	Optically active distorted cyclic triptycenes: chiral stationary phases for HPLC.. <i>RSC Advances</i> , <b>2018</b> , 8, 20483-20487	3.7	10
462	Hyperstage Graphite: Electrochemical Synthesis and Spontaneous Reactive Exfoliation. <i>Advanced Materials</i> , <b>2018</b> , 30, 1704538	24	28
461	Free volume enhanced proton exchange membranes from sulfonated triptycene poly(ether ketone). <i>Journal of Membrane Science</i> , <b>2018</b> , 549, 236-243	9.6	28
460	Extended EConjugated Structures via Dehydrative C-C Coupling. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 17962-17967	16.4	11
459	Switchable Single-Walled Carbon Nanotube-Polymer Composites for CO Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 33373-33379	9.5	23
458	Conformation of bis-nitroxide polarizing agents by multi-frequency EPR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 25506-25517	3.6	19

457	Polyaniline Nanofiber Electrodes for Reversible Capture and Release of Mercury(II) from Water. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 14413-14420	16.4	56
456	Ionic Liquid-Carbon Nanotube Sensor Arrays for Human Breath Related Volatile Organic Compounds. <i>ACS Sensors</i> , <b>2018</b> , 3, 2432-2437	9.2	42
455	Dynamic self-correcting nucleophilic aromatic substitution. <i>Nature Chemistry</i> , <b>2018</b> , 10, 1023-1030	17.6	44
454	Insights into Magneto-Optics of Helical Conjugated Polymers. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 6501-6508	16.4	53
453	Interfacial Pressure/Area Sensing: Dual-Fluorescence of Amphiphilic Conjugated Polymers at Water Interfaces. <i>ACS Macro Letters</i> , <b>2017</b> , 6, 134-138	6.6	9
452	Interfacial Polymerization on Dynamic Complex Colloids: Creating Stabilized Janus Droplets. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 7804-7811	9.5	13
451	Reconfigurable and responsive droplet-based compound micro-lenses. <i>Nature Communications</i> , <b>2017</b> , 8, 14673	17.4	91
450	Frequency-Swept Integrated Solid Effect. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 6744-6748	16.4	31
449	Domino Direct Arylation and Cross-Aldol for Rapid Construction of Extended Polycyclic Scaffolds. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 8788-8791	16.4	44
448	Frequency-Swept Integrated Solid Effect. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 6848-6852	3.6	4
447	50th Anniversary Perspective: Conducting/Semiconducting Conjugated Polymers. A Personal Perspective on the Past and the Future. <i>Macromolecules</i> , <b>2017</b> , 50, 4867-4886	5.5	192
446	Janus Emulsions for the Detection of Bacteria. <i>ACS Central Science</i> , <b>2017</b> , 3, 309-313	16.8	54
445	Chemical warfare simulant-responsive polymer nanocomposites: Synthesis and evaluation. <i>Journal of Polymer Science Part A</i> , <b>2017</b> , 55, 3034-3040	2.5	7
444	Thermally Activated Delayed Fluorescence and Aggregation Induced Emission with Through-Space Charge Transfer. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 4894-4900	16.4	300
443	Optical visualization and quantification of enzyme activity using dynamic droplet lenses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 3821-3825	11.5	33
442	Bio-Inspired Carbon Monoxide Sensors with Voltage-Activated Sensitivity. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 14254-14258	3.6	10
441	Bio-Inspired Carbon Monoxide Sensors with Voltage-Activated Sensitivity. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 14066-14070	16.4	22
440	Metallic versus Semiconducting SWCNT Chemiresistors: A Case for Separated SWCNTs Wrapped by a Metallosupramolecular Polymer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 38062-38067	9.5	28



439	Chemiresistor Devices for Chemical Warfare Agent Detection Based on Polymer Wrapped Single-Walled Carbon Nanotubes. <i>Sensors</i> , <b>2017</b> , 17,	3.8	39
438	Shorter Exciton Lifetimes via an External Heavy-Atom Effect: Alleviating the Effects of Bimolecular Processes in Organic Light-Emitting Diodes. <i>Advanced Materials</i> , <b>2017</b> , 29, 1701987	24	66
437	Chiral triptycene-pyrene $\pi$ -conjugated chromophores with circularly polarized luminescence. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 8440-8447	3.9	24
436	Iptycene-Containing Azaacenes with Tunable Luminescence. <i>Synlett</i> , <b>2017</b> , 28, 2783-2789	2.2	3
435	Donor-Acceptor Iptycenes with Thermally Activated Delayed Fluorescence. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 4846-4851	3.2	11
434	Quaternized Polymer-Single-Walled Carbon Nanotube Scaffolds for a Chemiresistive Glucose Sensor. <i>ACS Sensors</i> , <b>2017</b> , 2, 1123-1127	9.2	24
433	Distinct Interfacial Fluorescence in Oil-in-Water Emulsions via Exciton Migration of Conjugated Polymers. <i>Macromolecular Rapid Communications</i> , <b>2017</b> , 38, 1700262	4.8	1
432	Anion Exchange Membranes: Enhancement by Addition of Unfunctionalized Triptycene Poly(Ether Sulfone)s. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 42409-42414	9.5	46
431	Wireless Oxygen Sensors Enabled by Fe(II)-Polymer Wrapped Carbon Nanotubes. <i>ACS Sensors</i> , <b>2017</b> , 2, 1044-1050	9.2	49
430	Naphthazarin-Polycyclic Conjugated Hydrocarbons and Iptycenes. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 7470-7480	4.2	8
429	Differentially Substituted Phenylene-Containing Oligoacene Derivatives. <i>Synlett</i> , <b>2017</b> , 28, 323-326	2.2	8
428	Wireless Hazard Badges to Detect Nerve-Agent Simulants. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 9814-9818	3.6	8
427	Highly Emissive Excimers by 2D Compression of Conjugated Polymers. <i>ACS Macro Letters</i> , <b>2016</b> , 5, 889-893	3.6	6
426	Wireless Hazard Badges to Detect Nerve-Agent Simulants. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 9662-6	16.4	47
425	Mechanochemical Synthesis of Extended Iptycenes. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 13834-13837	16.4	50
424	A Low Reabsorbing Luminescent Solar Concentrator Employing $\pi$ -Conjugated Polymers. <i>Advanced Materials</i> , <b>2016</b> , 28, 497-501	24	61
423	Nanodröhte in Chemo- und Biosensoren: aktueller Stand und Fahrplan für die Zukunft. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 1286-1302	3.6	8
422	Nanowire Chemical/Biological Sensors: Status and a Roadmap for the Future. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 1266-81	16.4	196



4 <sup>21</sup>	Triptycene-Roofed Quinoxaline Cavitands for the Supramolecular Detection of BTEX in Air. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 3312-3319	4.8	35
4 <sup>20</sup>	Readily accessible multifunctional fluoros emulsions. <i>Chemical Science</i> , <b>2016</b> , 7, 5091-5097	9.4	12
4 <sup>19</sup>	Ultratrace Detection of Toxic Chemicals: Triggered Disassembly of Supramolecular Nanotube Wrappers. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 8221-7	16.4	48
4 <sup>18</sup>	Simultaneous Identification of Neutral and Anionic Species in Complex Mixtures without Separation. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 929-933	3.6	8
4 <sup>17</sup>	Simultaneous Identification of Neutral and Anionic Species in Complex Mixtures without Separation. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 917-21	16.4	30
4 <sup>16</sup>	Long-Term High-Temperature Stability of Functionalized Graphene Oxide Nanoplatelets in Arab-D and API Brine. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 1780-5	9.5	25
4 <sup>15</sup>	V OC enhancement in polymer solar cells with isobenzofulvene $\pi$ 60 adducts. <i>Organic Electronics</i> , <b>2016</b> , 31, 48-55	3.5	8
4 <sup>14</sup>	Transition Metal-Oxide Free Perovskite Solar Cells Enabled by a New Organic Charge Transport Layer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 8511-9	9.5	17
4 <sup>13</sup>	Employing Halogen Bonding Interactions in Chemiresistive Gas Sensors. <i>ACS Sensors</i> , <b>2016</b> , 1, 115-119	9.2	33
4 <sup>12</sup>	Integrated Gas Sensing System of SWCNT and Cellulose Polymer Concentrator for Benzene, Toluene, and Xylenes. <i>Sensors</i> , <b>2016</b> , 16, 183	3.8	23
4 <sup>11</sup>	Covalent Functionalization of Carbon Nanomaterials with Iodonium Salts. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 8542-8549	9.6	45
4 <sup>10</sup>	Redox Switchable Thianthrene Cavitands. <i>Synthesis</i> , <b>2016</b> , 49, 358-364	2.9	1
4 <sup>09</sup>	Smectic A mesophases from luminescent sandic platinum(II) mesogens. <i>Liquid Crystals</i> , <b>2016</b> , 43, 1709-1713	7.3	9
4 <sup>08</sup>	Triptycene-Roofed Quinoxaline Cavitands for the Supramolecular Detection of BTEX in Air. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 3189-3189	4.8	
4 <sup>07</sup>	Red Phosphorescence from Benzo[2,1,3]thiadiazoles at Room Temperature. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 4789-96	4.2	33
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