

Jurriaan Huskens

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.

421
papers

15,485
citations

63
h-index

104
g-index

437
ext. papers

16,717
ext. citations

8.3
avg, IF

6.75
L-index

#	Paper	IF	Citations
421	Sequestration of Am ³⁺ and Eu ³⁺ into ionic liquid containing Aza-macrocycle based multiple-diglycolamide ligands: Extraction, complexation, luminescence and DFT studies. <i>Journal of Molecular Liquids</i> , 2022 , 347, 118291	6	0
420	Targeted Positioning of Quantum Dots Inside 3D Silicon Photonic Crystals Revealed by Synchrotron X-ray Fluorescence Tomography.. <i>ACS Nano</i> , 2022 ,	16.7	1
419	Synergic Effects of Boronate Diester Formation and High-Ionic Strength Biphasic Operation on Xylose-to-Furfural Selectivity. <i>ACS Sustainable Chemistry and Engineering</i> , 2022 , 10, 3595-3603	8.3	1
418	Unique transport behaviour of Am(III)/Eu(III) ions across a supported liquid membrane containing a TREN-based diglycolamide dendrimer ligand. <i>Radiochimica Acta</i> , 2022 , 110, 229-237	1.9	
417	Vesicle-based artificial cells: materials, construction methods and applications.. <i>Materials Horizons</i> , 2021 ,	14.4	6
416	Multivalent non-covalent interfacing and cross-linking of supramolecular tubes. <i>Advanced Materials</i> , 2021 , e2105926	24	1
415	Streptavidin Coverage on Biotinylated Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 58114-58123	5.9	5
414	A Dynamic, Supramolecular View on the Multivalent Interaction between Influenza Virus and Host Cell. <i>Small</i> , 2021 , 17, e2007214	11	8
413	Highly efficient uptake of neptunium from acidic feeds using two solid phase extraction resins containing diglycolamide-functionalized calix[4]arene ligands. <i>Journal of Chromatography A</i> , 2021 , 1642, 462037	4.5	4
412	Carrier mediated transport of actinides using hexa β -hexylnitrilotriacetamide (HHNTA). <i>Chemical Engineering and Processing: Process Intensification</i> , 2021 , 161, 108323	3.7	1
411	Detection of Tumor DNA in Human Plasma with a Functional PLL-Based Surface Layer and Plasmonic Biosensing. <i>ACS Sensors</i> , 2021 , 6, 2307-2319	9.2	5
410	Multivalent Affinity Profiling: Direct Visualization of the Superselective Binding of Influenza Viruses. <i>ACS Nano</i> , 2021 , 15, 8525-8536	16.7	5
409	Selective Extraction of Xylose from Acidic Hydrolysate from Fundamentals to Process. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 6632-6638	8.3	5
408	Role of diluent in the unusual extraction of Am ³⁺ and Eu ³⁺ ions with benzene-centered tripodal diglycolamides: local structure studies using luminescence spectroscopy and XAS. <i>New Journal of Chemistry</i> , 2021 , 45, 16794-16803	3.6	2
407	Highly efficient diglycolamide-functionalized dendrimers for the sequestration of tetravalent actinides: solvent extraction and theoretical studies. <i>New Journal of Chemistry</i> , 2021 , 45, 9462-9471	3.6	1
406	Highly Efficient Europium(III) Uptake with an Extraction Chromatographic Resin Containing a Unique Multiple Diglycolamide Ligand with a Tetraaza-12-crown-4 Scaffold. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 2613-2624	3.9	3
405	Highly efficient and selective extraction of Pu(IV) using two alkyl-substituted amides of nitrilo triacetic acid from nitric acid solutions. <i>Separation and Purification Technology</i> , 2021 , 119584	8.3	2

404	Selective uptake of thorium(IV) from nitric acid medium using two extraction chromatographic resins based on diglycolamide-calix[4]arenes: Application to thorium-uranyl separation in an actual sample. <i>Journal of Chromatography A</i> , 2021 , 1653, 462401	4.5	5
403	Highly efficient plutonium scavenging by an extraction chromatography resin containing a tetraaza-12-crown-4 ligand tethered with four diglycolamide pendent arms. <i>Journal of Chromatography A</i> , 2021 , 1653, 462419	4.5	3
402	Extraction of tetra- and hexavalent actinide ions from nitric acid solutions using some diglycolamide functionalized calix[4]arenes. <i>Radiochimica Acta</i> , 2021 , 109, 167-176	1.9	2
401	Reactive Extraction Enhanced by Synergic Microwave Heating: Furfural Yield Boost in Biphasic Systems. <i>ChemSusChem</i> , 2020 , 13, 3589-3593	8.3	14
400	Highly Sensitive Protein Detection by Asymmetric Mach-Zehnder Interferometry for Biosensing Applications.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 4566-4572	4.1	4
399	Development of polyvinyl chloride (PVC)-based highly efficient potentiometric sensors containing two benzene-centered tripodal diglycolamides as ionophores. <i>Sensors and Actuators B: Chemical</i> , 2020 , 320, 127961	8.5	4
398	Recruitment of receptors at supported lipid bilayers promoted by the multivalent binding of ligand-modified unilamellar vesicles. <i>Chemical Science</i> , 2020 , 11, 3307-3315	9.4	17
397	Combined Experimental and Density Functional Theoretical Studies of Am ³⁺ and Eu ³⁺ Extraction and Complexation with Different Nitrotriacetamide (NTA) Derivatives. <i>ChemistrySelect</i> , 2020 , 5, 3374-3384	1.8	7
396	Increasing the Sensitivity of Electrochemical DNA Detection by a Micropillar-Structured Biosensing Surface. <i>Langmuir</i> , 2020 , 36, 4272-4279	4	4
395	Influenza-induced thrombocytopenia is dependent on the subtype and sialoglycan receptor and increases with virus pathogenicity. <i>Blood Advances</i> , 2020 , 4, 2967-2978	7.8	23
394	Highly Efficient Extraction of Trivalent f-Cations Using Several N-Pivot Tripodal Diglycolamide Ligands in an Ionic Liquid: The Role of Ligand Structure on Metal Ion Complexation. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 191-199	2.3	4
393	Surface Modification with Control over Ligand Density for the Study of Multivalent Biological Systems. <i>ChemistryOpen</i> , 2020 , 9, 53-66	2.3	12
392	Stochastic electrochemistry at ultralow concentrations: the case for digital sensors. <i>Analyst</i> , 2020 , 145, 750-758	5	10
391	Anchoring and packing of self-assembled monolayers of semithio-bambusurils on Au(111). <i>Molecular Systems Design and Engineering</i> , 2020 , 5, 511-520	4.6	1
390	Influenza as a molecular walker. <i>Chemical Science</i> , 2020 , 11, 27-36	9.4	14
389	Pertraction of Np(IV) and Pu(IV) across a flat sheet supported liquid membrane containing two N-pivoted tripodal diglycolamides. <i>Separation and Purification Technology</i> , 2020 , 238, 116418	8.3	9
388	Self-Induced Convection at Microelectrodes via Electroosmosis and Its Influence on Impact Electrochemistry. <i>Journal of the American Chemical Society</i> , 2020 , 142, 17908-17912	16.4	8
387	Americium pertraction across supported liquid membranes containing multiple diglycolamide ligands: Role of alkyl substitution and spacer length in carrier ligands. <i>Chemical Engineering Research and Design</i> , 2020 , 159, 170-178	5.5	4

386	Nanoscale Work Function Contrast Induced by Decanethiol Self-Assembled Monolayers on Au(111). <i>Langmuir</i> , 2020 , 36, 12745-12754	4	4
385	Hierarchical Multivalent Effects Control Influenza Host Specificity. <i>ACS Central Science</i> , 2020 , 6, 2311-2318	18.8	12
384	Enhancement of Probe Density in DNA Sensing by Tuning the Exponential Growth Regime of Polyelectrolyte Multilayers. <i>Chemistry of Materials</i> , 2020 , 32, 9155-9166	9.6	1
383	Time-Dependent Binding of Molecules and Nanoparticles at Receptor-Modified Supported Lipid Bilayer Gradients in a Microfluidic Device. <i>ChemistrySelect</i> , 2020 , 5, 9799-9805	1.8	1
382	Functionalized Polyelectrolytes for Bioengineered Interfaces and Biosensing Applications. <i>Organic Materials</i> , 2020 , 02, 078-107	1.9	2
381	Tandem Cuprous Oxide/Silicon Microwire Hydrogen-Evolving Photocathode with Photovoltage Exceeding 1.3 V. <i>ACS Energy Letters</i> , 2019 , 4, 2287-2294	20.1	16
380	Hypersonic poration of supported lipid bilayers. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 782-790	7.8	11
379	Multivalency in Heteroternary Complexes on Cucurbit[8]uril-Functionalized Surfaces: Self-assembly, Patterning, and Exchange Processes. <i>ChemPlusChem</i> , 2019 , 84, 1324-1330	2.8	4
378	Highly Efficient N-Pivot Tripodal Diglycolamide Ligands for Trivalent f-Cations: Synthesis, Extraction, Spectroscopy, and Density Functional Theory Studies. <i>Inorganic Chemistry</i> , 2019 , 58, 8633-8644	5.1	15
377	Hypersound-Enhanced Intracellular Delivery of Drug-Loaded Mesoporous Silica Nanoparticles in a Non-Endosomal Pathway. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 19734-19742	9.5	7
376	Weak Multivalent Binding of Influenza Hemagglutinin Nanoparticles at a Sialoglycan-Functionalized Supported Lipid Bilayer. <i>ACS Nano</i> , 2019 , 13, 3413-3423	16.7	31
375	A Stand-Alone Si-Based Porous Photoelectrochemical Cell. <i>Advanced Energy Materials</i> , 2019 , 9, 1803548	21.8	10
374	Unprecedented Inversion of Selectivity and Extraordinary Difference in the Complexation of Trivalent f Elements by Diastereomers of a Methylated Diglycolamide. <i>Chemistry - A European Journal</i> , 2019 , 25, 5507-5513	4.8	14
373	Integration of Molybdenum-Doped, Hydrogen-Annealed BiVO with Silicon Microwires for Photoelectrochemical Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 5034-5044	8.3	8
372	Local Overheating Explains the Rate Enhancement of Xylose Dehydration under Microwave Heating. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 14273-14279	8.3	11
371	Evaluation of three novel benzene-centered tripodal diglycolamide ligands for the pertraction of americium(III) through flat sheet membranes for nuclear waste remediation applications. <i>Separation and Purification Technology</i> , 2019 , 229, 115846	8.3	8
370	"Plug-n-Play" Polymer Substrates: Surface Patterning with Reactive-Group-Appended Poly-L-lysine for Biomolecule Adhesion. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 3165-3173	4.3	4
369	Tandem Si Micropillar Array Photocathodes with Conformal Copper Oxide and a Protection Layer by Pulsed Laser Deposition. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 41402-41414	9.5	8

368	Remarkable Enhancement in Extraction of Trivalent -Block Elements Using a Macrocyclic Ligand with Four Diglycolamide Arms: Synthesis, Extraction, and Spectroscopic and Density Functional Theory Studies. <i>Inorganic Chemistry</i> , 2019 , 58, 14885-14899	5.1	14
367	Efficient Solar Water Splitting Photocathodes Comprising a Copper Oxide Heterostructure Protected by a Thin Carbon Layer. <i>ACS Applied Energy Materials</i> , 2019 , 2, 7850-7860	6.1	30
366	Elucidating the Thermodynamic Driving Forces of Polyanion-Templated Virus-like Particle Assembly. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 9733-9741	3.4	5
365	Decoupling Gas Evolution from Water-Splitting Electrodes. <i>Journal of the Electrochemical Society</i> , 2019 , 166, H769-H776	3.9	9
364	Evaluation of two aza-crown ether-based multiple diglycolamide-containing ligands for complexation with the tetravalent actinide ions Np and Pu: extraction and DFT studies.. <i>RSC Advances</i> , 2019 , 9, 31928-31935	3.7	5
363	Clickable poly-l-lysine for the formation of biorecognition surfaces.. <i>RSC Advances</i> , 2019 , 9, 35608-35613	3.7	9
362	Designing a hybrid thin-film/wafer silicon triple photovoltaic junction for solar water splitting. <i>Progress in Photovoltaics: Research and Applications</i> , 2019 , 27, 245-254	6.8	7
361	Controlled and Tunable Loading and Release of Vesicles by Using Gigahertz Acoustics. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 159-163	16.4	16
360	Pertraction of americium(III) through supported liquid membranes containing benzene-centered tripodal diglycolamides (Bz-T-DGA) as an extractant/carrier. <i>Chemical Engineering Research and Design</i> , 2019 , 141, 84-92	5.5	5
359	Controlled and Tunable Loading and Release of Vesicles by Using Gigahertz Acoustics. <i>Angewandte Chemie</i> , 2019 , 131, 165-169	3.6	2
358	Efficient and Stable Silicon Microwire Photocathodes with a Nickel Silicide Interlayer for Operation in Strongly Alkaline Solutions. <i>ACS Energy Letters</i> , 2018 , 3, 1086-1092	20.1	25
357	Orthogonal supramolecular protein assembly on patterned bifunctional surfaces. <i>Chemical Communications</i> , 2018 , 54, 1615-1618	5.8	3
356	Liquid-liquid extraction and facilitated transport of f-elements using an N-pivot tripodal ligand. <i>Journal of Hazardous Materials</i> , 2018 , 347, 478-485	12.8	16
355	Spatial decoupling of light absorption and catalytic activity of NiMo-loaded high-aspect-ratio silicon microwire photocathodes. <i>Nature Energy</i> , 2018 , 3, 185-192	62.3	88
354	Ordering of Air-Oxidized Decanethiols on Au(111). <i>Journal of Physical Chemistry C</i> , 2018 , 122, 8430-8436	3.8	9
353	Controlled sub-10-nanometer poly(N-isopropyl-acrylamide) layers grafted from silicon by atom transfer radical polymerization. <i>Polymers for Advanced Technologies</i> , 2018 , 29, 806-813	3.2	10
352	A Supramolecular Approach for Liver Radioembolization. <i>Theranostics</i> , 2018 , 8, 2377-2386	12.1	15
351	Hydrolytically Labile Linkers Regulate Release and Activity of Human Bone Morphogenetic Protein-6. <i>Langmuir</i> , 2018 , 34, 9298-9306	4	2

350	Pathways to electrochemical solar-hydrogen technologies. <i>Energy and Environmental Science</i> , 2018 , 11, 2768-2783	35.4	165
349	Sidewall patterning – new wafer-scale method for accurate patterning of vertical silicon structures. <i>Journal of Micromechanics and Microengineering</i> , 2018 , 28, 015008	2	5
348	Complexation thermodynamics of tetraalkyl diglycolamides with trivalent f-elements in ionic liquids: spectroscopic, microcalorimetric and computational studies. <i>New Journal of Chemistry</i> , 2018 , 42, 708-716	3.6	8
347	Unusual Reversal in Pu and U Extraction in an Ionic Liquid Using Two Tripodal Diglycolamide Ligands: Experimental and DFT Studies. <i>Solvent Extraction and Ion Exchange</i> , 2018 , 36, 542-557	2.5	2
346	A diglycolamide-functionalized TREN-based dendrimer with a 'crab-like' grip for the complexation of actinides and lanthanides. <i>Dalton Transactions</i> , 2018 , 47, 15164-15172	4.3	11
345	Low-fouling, mixed-charge poly-l-lysine polymers with anionic oligopeptide side-chains. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 7662-7673	7.3	17
344	Control of Probe Density at DNA Biosensor Surfaces Using Poly(l-lysine) with Appended Reactive Groups. <i>Bioconjugate Chemistry</i> , 2018 , 29, 4110-4118	6.3	26
343	First Report on the Complexation of Actinides and Lanthanides Using 2,2',2''-(((1,4,7-Triazonane-1,4,7-triyl)tris(2-oxoethane-2,1-diyl)) tris(oxy)) tris(N, N-dioctylacetamide): Synthesis, Extraction, Luminescence, EXAFS, and DFT Studies. <i>Inorganic Chemistry</i> , 2018 , 57, 12987-12998	5.1	16
342	A Thermodynamic Model for Multivalency in 14-3-3 Protein-Protein Interactions. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14498-14510	16.4	32
341	Selective Functionalization with PNA of Silicon Nanowires on Silicon Oxide Substrates. <i>Langmuir</i> , 2018 , 34, 11395-11404	4	14
340	Effect of an alkyl substituent and spacer length in benzene-centered tripodal diglycolamides on the sequestration of minor actinides. <i>Dalton Transactions</i> , 2018 , 47, 13631-13640	4.3	5
339	Evaluation of a novel PVC-based efficient potentiometric sensor containing a tripodal diglycolamide (TREN-DGA) ionophore for europium(III) estimation. <i>Sensors and Actuators B: Chemical</i> , 2018 , 272, 534-542	8.5	7
338	Maskless Spatioselective Functionalization of Silicon Nanowires. <i>ChemNanoMat</i> , 2018 , 4, 874-881	3.5	2
337	Highly doped silicon nanowires by monolayer doping. <i>Nanoscale</i> , 2017 , 9, 2836-2844	7.7	14
336	DNA Detection by Flow Cytometry using PNA-Modified Metal-Organic Framework Particles. <i>Chemistry - A European Journal</i> , 2017 , 23, 4180-4186	4.8	21
335	Doping of semiconductors by molecular monolayers: monolayer formation, dopant diffusion and applications. <i>Materials Science in Semiconductor Processing</i> , 2017 , 62, 128-134	4.3	14
334	Assessment of Cooperativity in Ternary Peptide-Cucurbit[8]uril Complexes. <i>Chemistry - A European Journal</i> , 2017 , 23, 4046-4050	4.8	15
333	Competitive inclusion of molecular photo-switches in host cavities. <i>Tetrahedron</i> , 2017 , 73, 4913-4917	2.4	16

332	Cyclodextrin-based supramolecular nanoparticles for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 36-52	7.3	81
331	Characterization of Self-Assembled Monolayers on a Ruthenium Surface. <i>Langmuir</i> , 2017 , 33, 6419-6426	4	12
330	Cell Adhesion on RGD-Displaying Knottins with Varying Numbers of Tryptophan Amino Acids to Tune the Affinity for Assembly on Cucurbit[8]uril Surfaces. <i>Langmuir</i> , 2017 , 33, 8813-8820	4	15
329	Applications of Monolayer-Functionalized H-Terminated Silicon Surfaces: A Review. <i>Small Methods</i> , 2017 , 1, 1700072	12.8	24
328	Monolayer Contact Doping from a Silicon Oxide Source Substrate. <i>Langmuir</i> , 2017 , 33, 3635-3638	4	13
327	Electrochemistry of Redox-Active Guest Molecules at β -Cyclodextrin-Functionalized Silicon Electrodes. <i>ChemElectroChem</i> , 2017 , 4, 1470-1477	4.3	7
326	Textured and micropillar silicon heterojunction solar cells with hot-wire deposited passivation layers. <i>Thin Solid Films</i> , 2017 , 635, 66-72	2.2	7
325	Electron-Transfer Rates in Host-Guest Assemblies at β -Cyclodextrin Monolayers. <i>Langmuir</i> , 2017 , 33, 8614-8623	4	8
324	Photo-Electrical Characterization of Silicon Micropillar Arrays with Radial p/n Junctions Containing Passivation and Anti-Reflection Coatings. <i>Advanced Energy Materials</i> , 2017 , 7, 1601497	21.8	7
323	Molecular Monolayers for Electrical Passivation and Functionalization of Silicon-Based Solar Energy Devices. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 413-421	9.5	11
322	Benzene-centered tripodal diglycolamides: synthesis, metal ion extraction, luminescence spectroscopy, and DFT studies. <i>Dalton Transactions</i> , 2017 , 46, 1431-1438	4.3	45
321	Diglycolamide-functionalized poly(propylene imine) diaminobutane dendrimers for sequestration of trivalent f-elements: synthesis, extraction and complexation. <i>Dalton Transactions</i> , 2017 , 46, 501-508	4.3	19
320	Electron Transfer Mediated by Surface-Tethered Redox Groups in Nanofluidic Devices. <i>Small</i> , 2017 , 13, 1603268	11	5
319	Behaviour of the extractant Me-TODGA upon gamma irradiation: quantification of degradation compounds and individual influences on complexation and extraction. <i>New Journal of Chemistry</i> , 2017 , 41, 13700-13711	3.6	11
318	Electron Transfer Processes in Ferrocene-Modified Poly(ethylene glycol) Monolayers on Electrodes. <i>Langmuir</i> , 2017 , 33, 11878-11883	4	15
317	Molecular photoswitches mediating the strain-driven disassembly of supramolecular tubules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 11850-11855	11.5	55
316	Controlling Protein Surface Orientation by Strategic Placement of Oligo-Histidine Tags. <i>ACS Nano</i> , 2017 , 11, 9068-9083	16.7	31
315	Bottom-Up Single-Electron Transistors. <i>Advanced Materials</i> , 2017 , 29, 1702920	24	15

314	Diglycolamide-functionalized dendrimers: Studies on Americium(III) pertraction from radioactive waste. <i>Separation and Purification Technology</i> , 2017 , 187, 110-117	8.3	8
313	Benzene-centred tripodal diglycolamides for the sequestration of trivalent actinides: metal ion extraction and luminescence spectroscopic investigations in a room temperature ionic liquid. <i>Dalton Transactions</i> , 2017 , 46, 11355-11362	4.3	21
312	Models and Methods in Multivalent Systems 2017 , 23-74		2
311	Targeting protein-loaded CB[8]-mediated supramolecular nanocarriers to cells. <i>RSC Advances</i> , 2017 , 7, 54341-54346	3.7	2
310	Separation of Am and Eu using hexa-n-octyltrinitrilo triacetamide (HONTA): complexation, extraction, luminescence, EXAFS and DFT studies. <i>Dalton Transactions</i> , 2017 , 46, 16631-16639	4.3	14
309	Ligands for f-element extraction used in the nuclear fuel cycle. <i>Chemical Society Reviews</i> , 2017 , 46, 7229-7233	5.3	195
308	Unusual extraction of trivalent f-cations using diglycolamide dendrimers in a room temperature ionic liquid: extraction, spectroscopic and DFT studies. <i>Dalton Transactions</i> , 2017 , 46, 16541-16550	4.3	15
307	Characterization of opto-electrical enhancement of tandem photoelectrochemical cells by using photoconductive-AFM. <i>Nanotechnology</i> , 2017 , 28, 295401	3.4	2
306	Metal-Organic Polyhedra-Coated Si Nanowires for the Sensitive Detection of Trace Explosives. <i>Nano Letters</i> , 2017 , 17, 1-7	11.5	47
305	Host-Guest and Electrostatic Interactions in Supramolecular Nanoparticle Clusters. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 5511-5518	3.2	7
304	Versatile, Fast, and Easy One-Step Method for the Synthesis of Hydrophilic Lanthanide-Doped Nanoparticles. <i>ChemistrySelect</i> , 2016 , 1, 4068-4074	1.8	5
303	Preparation of Diglycolamides via SchottenBaumann Approach and Direct Amidation of Esters. <i>Synlett</i> , 2016 , 27, 2463-2466	2.2	8
302	Bio-inspired Dynamic Gradients Regulated by Supramolecular Bindings in Receptor-Embedded Hydrogel Matrices. <i>ChemistryOpen</i> , 2016 , 5, 331-8	2.3	7
301	Loading and release of fluorescent oligoarginine peptides into/from pH-responsive anionic supramolecular nanoparticles. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 4025-4032	7.3	6
300	Separation of carrier-free ⁹⁰ Y from ⁹⁰ Sr using flat sheet supported liquid membranes containing multiple diglycolamide-functionalized calix[4]arenes. <i>Supramolecular Chemistry</i> , 2016 , 28, 360-366	1.8	3
299	Programmed disassembly of supramolecular nanoparticles stabilized by heteroternary CB[8] host-guest interactions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 331, 146-152	4.7	2
298	The effect of PEG length on the size and guest uptake of PEG-capped MIL-88A particles. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 1108-1115	7.3	32
297	Unique selectivity reversal in Am(3+)-Eu(3+) extraction in a tripodal TREN-based diglycolamide in ionic liquid: extraction, luminescence, complexation and structural studies. <i>Dalton Transactions</i> , 2016 , 45, 2476-84	4.3	49

296	Fluorescent supramolecular nanoparticles signal the loading of electrostatically charged cargo. <i>Chemical Communications</i> , 2016 , 52, 2597-600	5.8	10
295	Surface Functionalized Luminescent Nanocrystals Electrostatically Assembled onto a Patterned Substrate. <i>Current Nanoscience</i> , 2016 , 12, 386-395	1.4	2
294	A Microfluidic Device with Continuous Ligand Gradients in Supported Lipid Bilayers to Probe Effects of Ligand Surface Density and Solution Shear Stress on Pathogen Adhesion. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1600055	4.6	7
293	Spatioselective Electrochemical and Photoelectrochemical Functionalization of Silicon Microwires with Axial p/n Junctions. <i>Advanced Materials</i> , 2016 , 28, 1400-5	24	11
292	Effects of Pillar Height and Junction Depth on the Performance of Radially Doped Silicon Pillar Arrays for Solar Energy Applications. <i>Advanced Energy Materials</i> , 2016 , 6, 1501728	21.8	18
291	Modulating the Nucleated Self-Assembly of Tri- α -Peptides Using Cucurbit[n]urils. <i>Chemistry - A European Journal</i> , 2016 , 22, 12675-9	4.8	4
290	Soft Supramolecular Nanoparticles by Noncovalent and Host-Guest Interactions. <i>Small</i> , 2016 , 12, 96-119	11	64
289	Functionalizing the glycocalyx of living cells with supramolecular guest ligands for cucurbit[8]uril-mediated assembly. <i>Chemical Communications</i> , 2016 , 52, 7146-9	5.8	18
288	Hierarchical Pore Structures as Highways for Enzymes and Substrates. <i>CheM</i> , 2016 , 1, 29-31	16.2	7
287	A Luminescent Nanocrystal Marker for the Selective and Ultrasensitive Detection of Explosives. <i>ChemNanoMat</i> , 2016 , 2, 805-809	3.5	7
286	Supported Catalysis in Continuous-Flow Microreactors. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 1093-1123	230	
285	Effects of the molecular weight and the valency of guest-modified poly(ethylene glycol)s on the stability, size and dynamics of supramolecular nanoparticles. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 6945-6952	7.3	11
284	Extracted species of Np(IV) complex with diglycolamide functionalized task specific ionic liquid: diffusion, kinetics and thermodynamics by cyclic voltammetry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015 , 304, 563-570	1.5	13
283	Dendrimer-encapsulated Pd nanoparticles as catalysts for C-C cross-couplings in flow microreactors. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 4953-9	3.9	18
282	Coupled molecular switching processes in ordered mono- and multilayers of stimulus-responsive rotaxanes on gold surfaces. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4382-90	16.4	46
281	Zwitterionic supramolecular nanoparticles: self-assembly and responsive properties. <i>Nanoscale</i> , 2015 , 7, 7915-9	7.7	20
280	An insight into the complexation of UO ₂ ²⁺ with diglycolamide-functionalized task specific ionic liquid: Kinetic, cyclic voltammetric, extraction and spectroscopic investigations. <i>Polyhedron</i> , 2015 , 102, 549-555	2.7	13
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