

# Kevin J T Noonan

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

2,164  
citations

279798

23  
h-index

265206

42  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2084  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrocatalysis in Alkaline Media and Alkaline Membrane-Based Energy Technologies. <i>Chemical Reviews</i> , 2022, 122, 6117-6321.	47.7	195
2	Anion-exchange membranes derived from main group and metal-based cations. <i>Polymer</i> , 2022, 249, 124811.	3.8	11
3	Degradation of Organic Cations under Alkaline Conditions. <i>Journal of Organic Chemistry</i> , 2021, 86, 254-263.	3.2	70
4	Pairing Suzuki–Miyaura cross-coupling and catalyst transfer polymerization. <i>Polymer Chemistry</i> , 2021, 12, 1404-1414.	3.9	12
5	Design, synthesis, and properties of a six-membered oligofuran macrocycle. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1775-1782.	4.5	12
6	Multiblock Copolymer Anion-Exchange Membranes Derived from Vinyl Addition Polynorbornenes. <i>ACS Applied Energy Materials</i> , 2021, 4, 10273-10279.	5.1	15
7	Polymerization Reactions via Cross Coupling. , 2021, , .		0
8	A robust nickel catalyst with an unsymmetrical propyl-bridged diphosphine ligand for catalyst-transfer polymerization. <i>Polymer Journal</i> , 2020, 52, 83-92.	2.7	7
9	Alkaline-stable anion exchange membranes: A review of synthetic approaches. <i>Progress in Polymer Science</i> , 2020, 100, 101177.	24.7	250
10	Exploring the Effects of Bulky Cations Tethered to Semicrystalline Polymers: The Case of Tetraaminophosphoniums with Ring-Opened Polynorbornenes. <i>Macromolecules</i> , 2020, 53, 8509-8518.	4.8	20
11	Chain-Growth Polymerization of Benzotriazole Using Suzuki–Miyaura Cross-Coupling and Dialkylbiarylphosphine Palladium Catalysts. <i>ACS Macro Letters</i> , 2020, 9, 1357-1362.	4.8	28
12	Advances in Cryo-Electron Microscopy for Understanding Energy Materials. <i>Microscopy and Microanalysis</i> , 2020, 26, 1648-1650.	0.4	1
13	Chemoselective Rhodium-Catalyzed Borylation of Bromoiodoarenes Under Mild Conditions. <i>Journal of Organic Chemistry</i> , 2020, 85, 6770-6777.	3.2	8
14	Photostable Helical Polyfurans. <i>Journal of the American Chemical Society</i> , 2019, 141, 8858-8867.	13.7	38
15	Gene expression and activity of methionine converting enzymes in broiler chickens fed methionine isomers or precursors. <i>Poultry Science</i> , 2018, 97, 2053-2063.	3.4	14
16	Diversifying Cross-Coupling Strategies, Catalysts and Monomers for the Controlled Synthesis of Conjugated Polymers. <i>Chemistry - A European Journal</i> , 2018, 24, 13078-13088.	3.3	67
17	Impact of Precise Control over Microstructure in Thiophene–Selenophene Copolymers. <i>Macromolecules</i> , 2018, 51, 9494-9501.	4.8	17
18	Frontispiece: Diversifying Cross-Coupling Strategies, Catalysts and Monomers for the Controlled Synthesis of Conjugated Polymers. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	1

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19	Elucidating the Role of Diphosphine Ligand in Nickel-Mediated Suzuki–Miyaura Polycondensation. <i>Macromolecules</i> , 2018, 51, 5911-5917.	4.8	16
20	Rapid Analysis of Tetrakis(dialkylamino)phosphonium Stability in Alkaline Media. <i>Organometallics</i> , 2017, 36, 4038-4046.	2.3	30
21	Conjugated Polymers with Repeated Sequences of Group 16 Heterocycles Synthesized through Catalyst-Transfer Polycondensation. <i>Journal of the American Chemical Society</i> , 2016, 138, 6798-6804.	13.7	75
22	Nickel-Catalyzed Suzuki Polycondensation for Controlled Synthesis of Ester-Functionalized Conjugated Polymers. <i>Macromolecules</i> , 2016, 49, 4757-4762.	4.8	46
23	Synthesis of Polyfuran and Thiophene-Furan Alternating Copolymers Using Catalyst-Transfer Polycondensation. <i>ACS Macro Letters</i> , 2016, 5, 332-336.	4.8	44
24	Tetrakis(dialkylamino)phosphonium Polyelectrolytes Prepared by Reversible Addition–Fragmentation Chain Transfer Polymerization. <i>ACS Macro Letters</i> , 2016, 5, 253-257.	4.8	44
25	Electron-Poor Thiophene 1,1-Dioxides: Synthesis, Characterization, and Application as Electron Relays in Photocatalytic Hydrogen Generation. <i>Chemistry - A European Journal</i> , 2015, 21, 11517-11524.	3.3	4
26	Stille Catalyst–Transfer Polycondensation Using Pd–PEPPSI–Pr for High-Molecular-Weight Regioregular Poly(3-hexylthiophene). <i>Macromolecular Rapid Communications</i> , 2015, 36, 840-844.	3.9	56
27	Atom transfer versus catalyst transfer: Deviations from ideal Poisson behavior in controlled polymerizations. <i>Polymer</i> , 2015, 72, 226-237.	3.8	8
28	Stability and Reactivity of 1,3-Benzothiaphosphole: Metalation and Diels–Alder Chemistry. <i>Organometallics</i> , 2015, 34, 5366-5373.	2.3	5
29	Tuning Thiophene with Phosphorus: Synthesis and Electronic Properties of Benzobisthiaphospholes. <i>Chemistry - A European Journal</i> , 2014, 20, 7746-7751.	3.3	48
30	Towards sustainable polymer chemistry with homogeneous metal-based catalysts. <i>Green Chemistry</i> , 2014, 16, 1673-1686.	9.0	80
31	Synthesis of Thiophene 1,1-Dioxides and Tuning Their Optoelectronic Properties. <i>Organic Letters</i> , 2013, 15, 5230-5233.	4.6	31
32	Synthetic Tuning of Electronic and Photophysical Properties of 2-Aryl-1,3-Benzothiaphospholes. <i>Journal of Organic Chemistry</i> , 2013, 78, 7462-7469.	3.2	29
33	Phosphonium-Functionalized Polyethylene: A New Class of Base-Stable Alkaline Anion Exchange Membranes. <i>Journal of the American Chemical Society</i> , 2012, 134, 18161-18164.	13.7	425
34	Phosphorus-Containing Block Copolymer Templates Can Control the Size and Shape of Gold Nanostructures. <i>Journal of the American Chemical Society</i> , 2008, 130, 12876-12877.	13.7	88
35	Studying a Slow Polymerization: A Kinetic Investigation of the Living Anionic Polymerization of PC Bonds. <i>Macromolecules</i> , 2008, 41, 1961-1965.	4.8	34
36	Inorganic and organometallic polymers. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2008, 104, 394.	0.8	10

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37	Chemical functionality of poly(methylenephosphine): phosphineâ€“borane adducts and methylphosphonium ionomers. Dalton Transactions, 2008, , 4451.	3.3	14
38	A Lanthanide Phosphinidene Complex:â€“ Synthesis, Structure, and Phospha-Wittig Reactivity. Journal of the American Chemical Society, 2008, 130, 2408-2409.	13.7	144
39	Molecular studies of the initiation and termination steps of the anionic polymerization of P=C bonds. Canadian Journal of Chemistry, 2007, 85, 1045-1052.	1.1	18
40	Redox-active iron-containing polymers: synthesis and anionic polymerization of a C-ferrocenyl-substituted phosphalkene. Chemical Communications, 2007, , 3658.	4.1	29
41	Inorganic and organometallic polymers. Annual Reports on the Progress of Chemistry Section A, 2007, 103, 407.	0.8	5
42	Ambient-Temperature Living Anionic Polymerization of Phosphaalkenes: Homopolymers and Block Copolymers with Controlled Chain Lengths. Angewandte Chemie - International Edition, 2006, 45, 7271-7274.	13.8	86
43	Investigating the impact of regiochemistry in ester functionalized polyfurans. Journal of Polymer Science, 0, , .	3.8	2