

# Kye J Robinson

## 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.

12 papers	1,616 citations	7 h-index	13 g-index
13 ext. papers	1,942 ext. citations	6.3 avg, IF	5 L-index

#	Paper	IF	Citations
12	Ionophore interactions in polymeric membranes studied by thin layer voltammetry. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 358, 131428	8.5	0
11	Surfactants for Optode Emulsion Stabilization without Sacrificing Selectivity or Binding Constants. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 15941-15948	7.8	1
10	Protamine/heparin optical nanosensors based on solvatochromism.. <i>Chemical Science</i> , <b>2021</b> , 12, 15596-15602	7.4	1
9	Osteogenic Potential of Additively Manufactured TiTa Alloys. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 1003-1014	4.1	5
8	Colorimetric absorbance mapping and quantitation on paper-based analytical devices. <i>Lab on A Chip</i> , <b>2020</b> , 20, 1441-1448	7.2	23
7	Characterization of Key Bio-Nano Interactions between Organosilica Nanoparticles and. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 34676-34687	9.5	9
6	Antibody-Binding, Antifouling Surface Coatings Based on Recombinant Expression of Zwitterionic EK Peptides. <i>Langmuir</i> , <b>2019</b> , 35, 1266-1272	4	13
5	Modified Organosilica Core-Shell Nanoparticles for Stable pH Sensing in Biological Solutions. <i>ACS Sensors</i> , <b>2018</b> , 3, 967-975	9.2	19
4	Investigating the Effect of Substrate Materials on Wearable Immunoassay Performance. <i>Langmuir</i> , <b>2017</b> , 33, 773-782	4	4
3	Nanoparticle-Based Medicines: A Review of FDA-Approved Materials and Clinical Trials to Date. <i>Pharmaceutical Research</i> , <b>2016</b> , 33, 2373-87	4.5	1489
2	Comparison between polyethylene glycol and zwitterionic polymers as antifouling coatings on wearable devices for selective antigen capture from biological tissue. <i>Biointerphases</i> , <b>2015</b> , 10, 04A305	1.8	20
1	Capture of the circulating Plasmodium falciparum biomarker HRP2 in a multiplexed format, via a wearable skin patch. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 10474-83	7.8	32